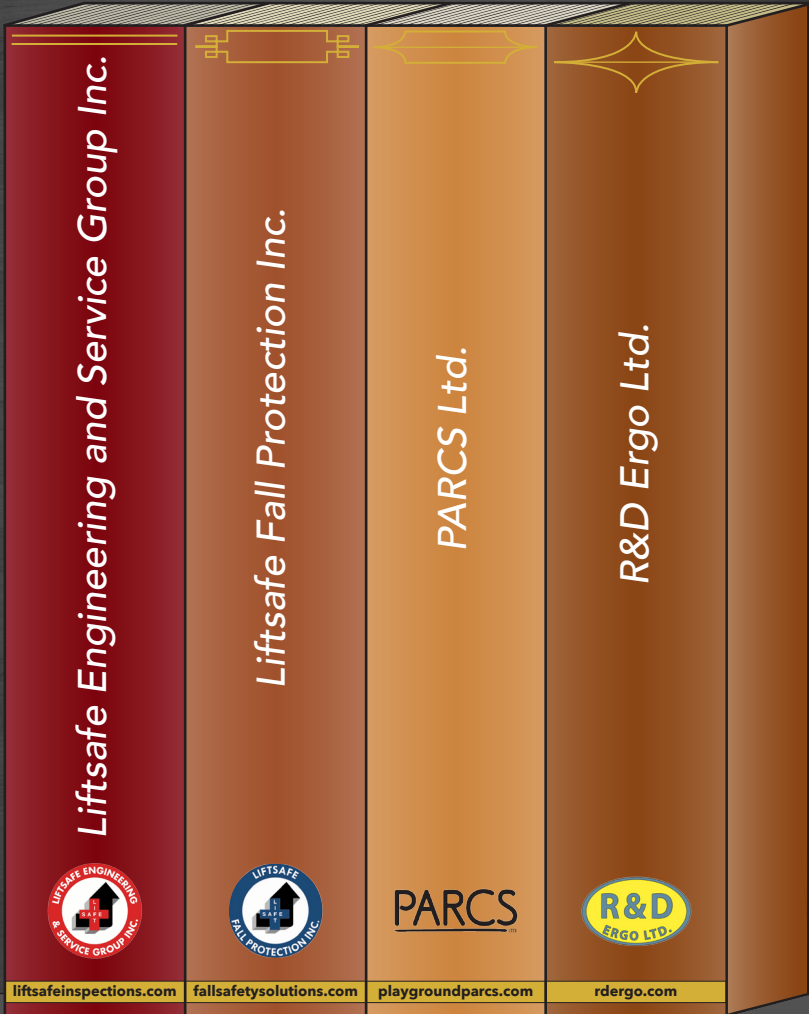


RESOURCE GUIDE



*Your Guide to Solutions in Safety
and Material Handling.*



Liftsafe Group of Companies

ABOUT US



Who We Are

Liftsafe Inspections was established in 1991 with a focus on safety inspections within the material handling industry.

Liftsafe Group of Companies, over the span of 25 years, has evolved into four different subsidiary companies: Liftsafe Engineering and Service Group Inc., Liftsafe Fall Protection Inc., PARCS Ltd. and R&D Ergo Ltd.



Our Team

Our focus and dedication to seek out only the best candidates for our team has had a huge impact on our success today. Our Company is comprised of a broad spectrum of expertise; we employ a team of Millwrights, Welders, Designers, Professional Engineers and Inspection Technicians, that are all experts in their respective fields. Their combined experience and expertise has lead to our current success and will continue to lead us down the path of success in the future.

You can contact any of our sales representatives regarding any of the products found within this catalogue.



Founded on Customer Service

Liftsafe Group of Companies was founded on customer service. We offer 24-hour emergency service, 365 days a year so you can be assured that when you experience a breakdown, you will have the support you need.

Quality:

Our products are manufactured with only the highest grade and quality of materials to ensure a lifetime of use in a variety of environments. We provide rigorous inspection and testing both in-house and at our customers' facilities to provide the most durable products on the market. We stand behind our quality with our exceptional extended warranty.

THE FOUR COMPANIES



Liftsafe Engineering and Service Group Inc.

Founded in 1991 by Dirk Kerbs, Liftsafe Inspections operated as a lifting equipment inspection firm. Liftsafe Inspections Inc. established itself with its exceptional customer service inspecting lifting equipment for a wide variety of customers.

In 2004 Liftsafe Inspections Inc. partnered with Rob Barrett to focus on engineering services within the company. Engineering was the future of the industry and the opportunity for expansion into larger projects involving engineering expertise. The company was renamed Liftsafe Engineering and Service Group Inc., which it still operates under today. This strategic name change was to allow our customers to still identify us as the old company, but to allow our existing and new customers to understand the new facets of what we had to offer. Minority partners Murray Feick, Peter Christodoulou and Vittoria Christodoulou were added in 2014 to bolster our management team and help us with our growth plans.



Liftsafe Fall Protection Inc.

Established in 2010, Liftsafe Fall Protection was another offshoot of Liftsafe. This company was built with a strategic focus on 4 areas of Liftsafe's business. It was established as a Fall Protection Sales Company with its main focus on: Ground Support Equipment, Netting Solutions, RoofGuard, and Engineered Fall Protection Solutions. The company has 4 partners, Dirk Kerbs, Rob Barrett, Don Shortt and Brad Lawrence.

Playground Assembly Repair and Consulting Services Ltd. (PARCS Ltd.)

Established in 2001, PARCS is a subset of Liftsafe. Liftsafe had been performing work in the institutional marketplace, specifically for school boards across Ontario. When the CSA standard was established for playgrounds, many of the school boards saw a need to meet the current standard. This involved retrofitting old playground equipment to meet the standard and PARCS Ltd. was established to tackle this work. Dirk Kerbs saw a niche in the industry and developed a one-stop shop for school boards, which involved inspections and services for all recreational, lifting and safety equipment at the schools.

This led to many school boards contracting PARCS to perform duties throughout the year, which turned PARCS from a seasonal retrofitting and playground installation company to a turn-key service provider. PARCS continues to reinvent itself in the industry offering even more products and services.

R&D Ergo Ltd.

R&D Ergo Ltd. was established in 2013; David Gurr partnered with Liftsafe's Rob Barrett and Dirk Kerbs to merge their product lines and to create a stronger customer presence. Establishing a robust operational flow to allow for more focus on sales and marketing was a goal of this partnership. Streamlining operations and adding efficiencies to overall operations have allowed this company to continue to grow. R&D Ergo operates with a focus on ergonomic material handling solutions.



PARCS
LTD.

INSPECTION SERVICES

At Liftsafe Engineering and Service Group Inc. and PARCS Ltd. we pride ourselves on our complete and accurate certification process to ensure your lifting equipment is "Safe." Our commitment of providing regular training to our technicians will ensure our customers receive qualified individuals to perform their inspections.

Our team uses wireless tablets to collect equipment data and these tablets provide our technicians with a detailed checklist of inspection points, ensuring nothing is missed during the inspection process. All deliverables are available to our customers via our **Customer Portal** within 24 hours of the inspection.

Our 6 Step Inspection Process:

01

Tag it!

We affix a permanent bar code tag to your equipment. Each tag has a distinct identification number, allowing us to identify your equipment each year and monitor its status on an annual basis.



02

Inspect It!

We use tablets to complete your inspections. This cost effective inspection method allows us to build unique inspection certificates for each type of equipment, and ensures our inspectors are covering each inspection point.



03

Sticker It!

We use colour coded stickers, which will provide your staff with a visual aid for assessing what equipment has been inspected and what might require inspections.



04

Certify It!

We provide a detailed certificate for each piece of equipment we inspect. These certificates provide you with valuable knowledge regarding standards, regulations and services required.



05

Send It!

We will send you an automated email after the completion of the job notifying you that documents have been uploaded to your customer portal account for viewing.



06

Access It!

Upon completion of your work, our technicians will synchronize their devices, meaning you will have access to your reports within 24 hours. All your information is sent to our database.

All reports are available to our customers via a secure login to our customer portal.



Inspections Offered



Air Balancers Inspection Details:

Inspected By:  PARCS



Inspection Points:
Over 15
Inspection Points
Checked



Frequency:
Periodic
Inspections as
Required by
B167-16



**Primary
Governing Body:**
OHSA/ANSI



Anchor Points Inspection Details:

Inspected By:  PARCS



Inspection Points:
Over 5
Inspection Points
Checked



Frequency:
Annual
Compliance
Inspection
Required



**Primary
Governing Body:**
OHSA/CSA



Automotive Jacks Inspection Details:

Inspected By:  PARCS



Inspection Points:
Over 25
Inspection Points
Checked



Frequency:
Annual
Compliance
Inspection
Required



**Primary
Governing Body:**
OHSA/ANSI



Automotive Lifts Inspection Details:

Inspected By:  PARCS



Inspection Points:
Over 25
Inspection Points
Checked



Frequency:
Annual
Compliance
Inspection
Required



**Primary
Governing Body:**
OHSA/ANSI



Basketball Assemblies

Inspection Details:

Inspected By: **PARCS**



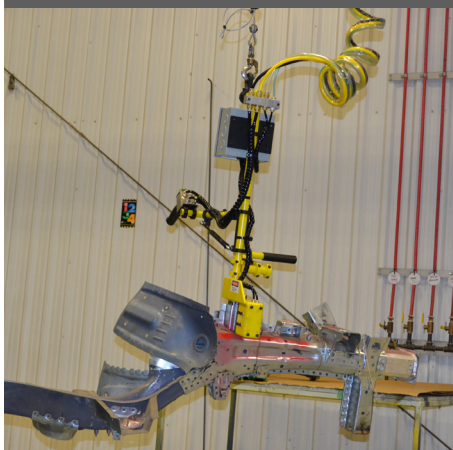
Inspection Points:
Over 15
Inspection Points
Checked



Frequency:
Annual
Compliance
Inspection
Required



**Primary
Governing Body:**
OHSA



Below-the-Hook Devices

Inspection Details:

Inspected By:  **PARCS**



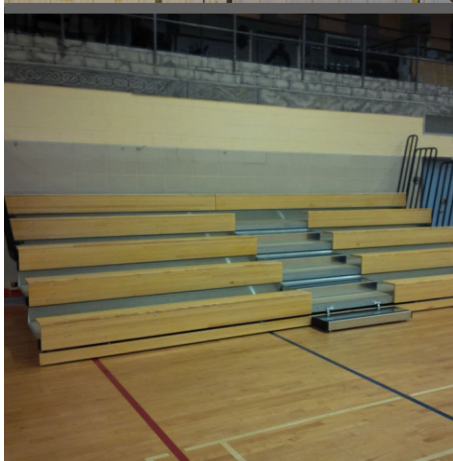
Inspection Points:
Over 15
Inspection Points
Checked



Frequency:
Annual
Compliance
Inspection
Required



**Primary
Governing Body:**
OHSA/ANSI



Bleachers

Inspection Details:

Inspected By: **PARCS**



Inspection Points:
Over 10
Inspection Points
Checked



Frequency:
Annual
Inspections
Recommended



**Primary
Governing Body:**
Guidelines for
Retrofitting
Bleachers



Chain and Wire Rope Slings

Inspection Details:

Inspected By:  **PARCS**



Inspection Points:
Over 10
Inspection Points
Checked



Frequency:
Annual
Compliance
Inspection
Required



**Primary
Governing Body:**
OHSA/ANSI

Chain Falls

Inspection Details:

Inspected By:  PARCS



Inspection Points:
Over 20
Inspection Points
Checked



Frequency:
Periodic
Inspections as
Required by
B167-16



**Primary
Governing Body:**
OHSA/CSA

Climbing Walls

Inspection Details:

Inspected By: PARCS



Inspection Points:
Over 10
Inspection Points
Checked



Frequency:
Annual
Inspections
Recommended



**Primary
Governing Body:**
CSA

Conveyor Line Attachments

Inspection Details:

Inspected By: 



Inspection Points:
Over 5
Inspection Points
Checked



Frequency:
Annual
Compliance
Inspection
Required



**Primary
Governing Body:**
OHSA/ANSI

Crane Hooks

Inspection Details:

Inspected By:  PARCS



Inspection Points:
Over 10
Inspection Points
Checked



Frequency:
Periodic
Inspections as
Required by
B167-16



**Primary
Governing Body:**
OHSA/ANSI



Davit Cranes and Bases

Inspection Details:

Inspected By: 



Inspection Points:
Over 15
Inspection Points
Checked



Frequency:
Annual
Compliance
Inspection
Required



**Primary
Governing Body:**
OHSA/CSA



Die Carts and Pump Carts

Inspection Details:

Inspected By:  PARCS



Inspection Points:
Over 20
Inspection Points
Checked



Frequency:
Annual
Compliance
Inspection
Required



**Primary
Governing Body:**
OHSA



Dock Levellers

Inspection Details:

Inspected By:  PARCS



Inspection Points:
Over 20
Inspection Points
Checked



Frequency:
Annual
Compliance
Inspection
Required



**Primary
Governing Body:**
OHSA/ANSI



Drop Lift Structures

Inspection Details:

Inspected By: 



Inspection Points:
Over 20
Inspection Points
Checked



Frequency:
Annual
Compliance
Inspection
Required



**Primary
Governing Body:**
OHSA



Electric Hoists

Inspection Details:

Inspected By:  PARCS



Inspection Points:
Over 25
Inspection Points
Checked



Frequency:
Periodic
Inspections as
Required by
B167-16



**Primary
Governing Body:**
OHSA/CSA



Engine Hoists

Inspection Details:

Inspected By:  PARCS



Inspection Points:
Over 15
Inspection Points
Checked



Frequency:
Annual
Compliance
Inspection
Required



**Primary
Governing Body:**
ASME PALD



Eyebolts

Inspection Details:

Inspected By: 



Inspection Points:
Over 5
Inspection Points
Checked



Frequency:
Annual
Compliance
Inspection
Required



**Primary
Governing Body:**
OHSA



Fall Arrest Equipment

Inspection Details:

Inspected By:  PARCS



Inspection Points:
Over 10
Inspection Points
Checked



Frequency:
Annual
Compliance
Inspection
Required



**Primary
Governing Body:**
CSA



Fall Arrest Support Systems

Inspection Details:

Inspected By:  **PARCS**



Inspection Points:
Over 10
Inspection Points
Checked



Frequency:
Annual
Compliance
Inspection
Required



**Primary
Governing Body:**
CSA



Fittings and Shackles

Inspection Details:

Inspected By:  **OHSA**



Inspection Points:
Over 5
Inspection Points
Checked



Frequency:
Annual
Compliance
Inspection
Required



**Primary
Governing Body:**
OHSA



Fixed Access Ladders

Inspection Details:

Inspected By:  **PARCS**



Inspection Points:
Over 10
Inspection Points
Checked



Frequency:
Annual
Compliance
Inspection
Required



**Primary
Governing Body:**
MOL



Ground Support Equipment

Inspection Details:

Inspected By:  **ANSI**



Inspection Points:
Over 15
Inspection Points
Checked



Frequency:
Annual
Compliance
Inspection
Required



**Primary
Governing Body:**
ANSI



Gym Equipment

Inspection Details:

Inspected By: **PARCS**



Inspection Points:
Over 15
Inspection Points
Checked



Frequency:
Annual
Inspections
Recommended



**Primary
Governing Body:**
OHSA



Jack Stands

Inspection Details:

Inspected By:  **PARCS**



Inspection Points:
Over 15
Inspection Points
Checked



Frequency:
Annual
Compliance
Inspection
Required



**Primary
Governing Body:**
ASME PALD



Ladders

Inspection Details:

Inspected By:  **PARCS**



Inspection Points:
Over 10
Inspection Points
Checked



Frequency:
Annual
Compliance
Inspection
Required



**Primary
Governing Body:**
OHSA



Lift and Tilt Tables

Inspection Details:

Inspected By:  **PARCS**



Inspection Points:
Over 20
Inspection Points
Checked



Frequency:
Annual
Compliance
Inspection
Required



**Primary
Governing Body:**
OHSA



Lift Assists

Inspection Details:

Inspected By: 



Inspection Points:
Over 15
Inspection Points
Checked



Frequency:
Annual
Compliance
Inspection
Required



**Primary
Governing Body:**
ANSI/OHSA



Lift Trucks

Inspection Details:

Inspected By:  PARCS



Inspection Points:
Over 30
Inspection Points
Checked



Frequency:
Annual
Compliance
Inspection
Required



**Primary
Governing Body:**
OHSA/ITA



Lifting Support Structures

Inspection Details:

Inspected By:  PARCS



Inspection Points:
Over 10
Inspection Points
Checked



Frequency:
Annual
Compliance
Inspection
Required



**Primary
Governing Body:**
ANSI/OHSA



Man Lifts

Inspection Details:

Inspected By:  PARCS



Inspection Points:
Over 10
Inspection Points
Checked



Frequency:
Annual
Compliance
Inspection
Required



**Primary
Governing Body:**
OHSA/CSA



Mobile Cranes

Inspection Details:

Inspected By: 



Inspection Points:
Over 15
Inspection Points
Checked



Frequency:
Annual
Compliance
Inspection
Required



**Primary
Governing Body:**
OHSA/CSA



Outdoor Equipment

Inspection Details:

Inspected By: PARCS



Inspection Points:
Over 15-30
Inspection Points
Checked



Frequency:
Annual
Inspections
Recommended



Overhead Doors

Inspection Details:

Inspected By:  PARCS



Inspection Points:
Over 15
Inspection Points
Checked



Frequency:
Annual
Inspections
Recommended



**Primary
Governing Body:**
OHSA



Playgrounds

Inspection Details:

Inspected By: PARCS



Inspection Points:
Over 25
Inspection Points
Checked



Frequency:
Annual
Inspections
Recommended



**Primary
Governing Body:**
CSA



Pneumatic Hoists
Inspection Details:

Inspected By:  **PARCS**



Inspection Points:
Over 10
Inspection Points
Checked



Frequency:
Periodic
Inspections as
Required by
B167-16



**Primary
Governing Body:**
CSA/OHSA



Puller/Lever Come-Along Hoists
Inspection Details:

Inspected By:  **PARCS**



Inspection Points:
Over 15
Inspection Points
Checked



Frequency:
Annual
Compliance
Inspection
Required



**Primary
Governing Body:**
ANSI/OHSA



Racking
Inspection Details:

Inspected By:  **PARCS**



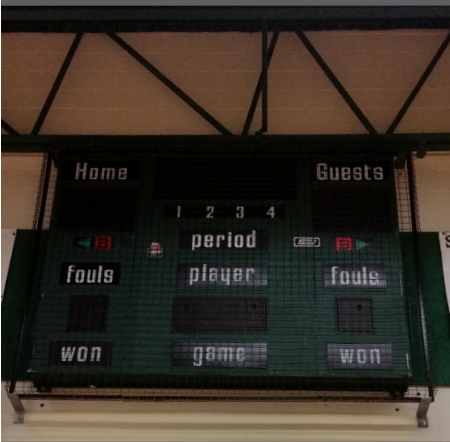
Inspection Points:
Over 10
Inspection Points
Checked



Frequency:
Annual
Compliance
Inspection
Required



**Primary
Governing Body:**
CSA/OHSA



Scoreboards
Inspection Details:

Inspected By: **PARCS**



Inspection Points:
Over 5
Inspection Points
Checked



Frequency:
Annual
Inspections
Recommended



**Primary
Governing Body:**
OHSA



Shop Equipment

Inspection Details:

Inspected By: PARCS



Inspection Points:
Over 10
Inspection Points
Checked



Frequency:
Annual
Compliance
Inspection
Required



**Primary
Governing Body:**
OHSA



Shop Equipment Assessments

Inspection Details:

Inspected By: PARCS



Inspection Points:
Numerous
Inspection Points
Checked



Frequency:
Annual
Compliance
Inspection
Required



**Primary
Governing Body:**
CSA



Slings

Inspection Details:

Inspected By:  PARCS



Inspection Points:
Over 10
Inspection Points
Checked



Frequency:
Annual
Compliance
Inspection
Required



**Primary
Governing Body:**
OHSA



Special Needs Equipment

Inspection Details:

Inspected By:  PARCS



Inspection Points:
Over 15
Inspection Points
Checked



Frequency:
Annual
Compliance
Inspection
Required



**Primary
Governing Body:**
CSA



Spring Balancers

Inspection Details:

Inspected By: 



Inspection Points:
Over 15
Inspection Points
Checked



Frequency:
Annual
Compliance
Inspection
Required



**Primary
Governing Body:**
OHSA



Stacker Cranes

Inspection Details:

Inspected By: 



Inspection Points:
Over 30
Inspection Points
Checked



Frequency:
Periodic
Inspections as
Required by
B167-16



**Primary
Governing Body:**
CSA/OHSA



Stage Production

Inspection Details:

Inspected By: PARCS



Inspection Points:
Over 10
Inspection Points
Checked



Frequency:
Annual
Inspections
Recommended



**Primary
Governing Body:**
OHSA/MOL



Support Stands

Inspection Details:

Inspected By:  PARCS



Inspection Points:
Over 15
Inspection Points
Checked



Frequency:
Annual
Compliance
Inspection
Required



**Primary
Governing Body:**
OHSA



Transfer Carts

Inspection Details:

Inspected By: 



Inspection Points:
Over 15
Inspection Points
Checked



Frequency:
Annual
Compliance
Inspection
Required



**Primary
Governing Body:**
OHSA



Playground Surface Attenuation Testing

Inspection Details:

Inspected By: PARCS



Designed To:
Measure the
impact and depth
of your surfacing.



Frequency:
Annual
Inspections as
per the CSA



Implementation:
Can be performed
at the same time
as your Annual
Playground
Inspection



Trolleys

Inspection Details:

Inspected By:  PARCS



Inspection Points:
Over 15
Inspection Points
Checked



Frequency:
Annual
Compliance
Inspection
Required



**Primary
Governing Body:**
ANSI/OHSA



Vacuum Lifters

Inspection Details:

Inspected By: 



Inspection Points:
Over 15
Inspection Points
Checked



Frequency:
Annual
Compliance
Inspection
Required



**Primary
Governing Body:**
CSA



Wall Dividers

Inspection Details:

Inspected By: PARCS



Inspection Points:
Over 15
Inspection Points
Checked



Frequency:
Annual
Compliance
Inspection
Required



**Primary
Governing Body:**
OHSA



Web/Nylon Slings

Inspection Details:

Inspected By:  PARCS



Inspection Points:
Over 15
Inspection Points
Checked



Frequency:
Annual
Compliance
Inspection
Required



**Primary
Governing Body:**
OHSA



Weight Rooms

Inspection Details:

Inspected By: PARCS



Inspection Points:
Over 15
Inspection Points
Checked



Frequency:
Annual
Compliance
Inspection
Required



**Primary
Governing Body:**
CSA



Wire Rope Cranes

Inspection Details:

Inspected By:  PARCS



Inspection Points:
Over 20
Inspection Points
Checked



Frequency:
Periodic
Inspections as
Required by
B167-16



**Primary
Governing Body:**
CSA/OHSA

Customer Portal



User logged in: liftsafe LIFTTEST@LIFTSAFEINSPECTIONS.COM Logout

CATALOGUE CUSTOMER PORTAL GUIDE

CUSTOMER PORTAL

EMAIL NOTIFICATIONS

USER PROFILE

LIFTSAFE ENGINEERING AND SERVICE GROUP INC.

LOCATION: HEAD OFFICE DATE FROM: Oct 08, 2000 TO: Apr 18, 2018 REFRESH

main inventory schedule quotes orders inspections maint.forms visit.summary history documents

ADDITIONAL FILTERS CERTIFY ORDER STATUS ALL TYPE Please choose...

INSPECTIONS/CERTIFICATES

CERTIFICATE	DEF PHOTOS	DATE	STATUS	TYPE	TAG ID	EQUIP ID	SHIP TO	NOTES	
17-ABCODEF-07		Nov 06, 2017	NOT SAFE	ELECTRIC HOIST	ABCDEF	N/A	HEAD OFFICE		Image
17-ABCODEF-06		Sep 29, 2017	SAFE	ELECTRIC HOIST	ABCDEF	N/A	HEAD OFFICE		Image
17-ABCODEF-04		Sep 27, 2017	SAFE	ELECTRIC HOIST	ABCDEF	N/A	HEAD OFFICE		Image
17-ABCODEF-06		Sep 27, 2017	SAFE	ELECTRIC HOIST	ABCDEF	N/A	HEAD OFFICE		Image
17-ABCODEF-03		Sep 05, 2017	SAFE	ELECTRIC HOIST	ABCDEF	N/A	HEAD OFFICE		Image
17-ABCODEF-02		Jul 28, 2017	SAFE	ELECTRIC HOIST	ABCDEF	N/A	HEAD OFFICE		Image
17-SAMPLE-WRC		May 18, 2017	SAFE	WIRE ROPE CRANE	SAMPLE-WRC	N/A	HEAD OFFICE		Image
17-GRFG		Jan 05, 2017	SAFE	GENERAL EQUIPMENT	GRFG	N/A	HEAD OFFICE		Image

MAINTENANCE FORMS

MPPDF	DATE	TAG ID	SHIP TO	
OL17-3784	Jul 28, 2017	681412127051	HEAD OFFICE	
OL15-1401	Feb 06, 2015	TEST67	HEAD OFFICE	

TAGID TEST67 REFRESH

ORDER	TYPE	DATE	INSP	PRICE
OL15-1401	LABOUR	Feb 05, 2015	Feb 05, 2015	0.00

Designed to change the way you think about inspections!

What is the Customer Portal?

We have made accessing your equipment information easier than ever. Our state-of-the-art Customer Portal is designed to give you 24-hour access to your documentation. This online tool eliminates the need for paper records and contains a detailed inventory of your equipment.

The Customer Portal has a variety of different features:

- **Inventory Tab** which houses your entire equipment portfolio
- **Schedule Tab** which shows current and past completed work performed
- **Quotes Tab** which stores any pending quotes
- **Orders Tab** contains all of your sales orders
- **Inspections Tab** contains your equipment and their inspection status
- **Maintenance Tab** provides you with all relevant maintenance records
- **Visit Summary Tab** is an innovative section which gives you a detailed report of the work performed on every inspection visit
- **History Tab** gives you access to information about inspections and maintenance forms within the same screen
- **Documents Tab** allows you to upload and store all relevant documents pertaining to your account

All of these documents can be accessed via an internet connection and can be printed or saved based on your needs.

How to Access the Customer Portal?

The Customer Portal can be accessed via our website and for your convenience is linked at the bottom of every webpage. The login screen can only be accessed by authorized representatives and has a secure login and password for your protection. It is recommended that you keep the login and password confidential to ensure your inspection certificates, documents and quotes are kept safe.

Features and Benefits of the Customer Portal:

- Full access of inspection and equipment records, allowing you to view your reports at any time.
- Paperless and seamless reporting leading the industry with environmentally efficient practices.
- Graphs are generated from year to year illustrating the change in your equipment history.
- One company to handle all of your requirements, reducing costs and ensuring your equipment is safe, providing complete peace of mind.
- Complete inventory of deficiencies with documented photos.
- Full summary report of all provided inspections of your equipment.
- Full tracking of your equipment inventory.
- Follow up repair quotation for any deficiencies offering a full-service solution.

LIFTSAFE ENGINEERING AND SERVICE GROUP INC.

Setting the Table for Success!



The Four Legs of Liftsafe Engineering & Service Group Inc.

- 1) *Inspections*
- 2) *Service & Repairs*
- 3) *Systems & Fabrication*
- 4) *Engineering & Design*

Why Liftsafe Engineering and Service Group Inc.?



Paperless Inspection Program



24-Hour Emergency Service



Expert Engineering Team



Material Handling Device Fabrication



Over 40 Equipment Inspections Available



Expert Repair and Service Team

To Serve You Better

Three Locations in
Ayr, Windsor and Toronto



Toronto Office:

5310 Finch Avenue East
Unit #32, Toronto, Ontario M1S 5E8

Windsor Office:

131 Bell Ave
Essex, Ontario N8M 3G8

Head Office:

306 Darrell Drive
Ayr, Ontario N0B 1E0

A large yellow industrial crane is lifting a heavy load using red slings in a factory setting. The crane's hook and cables are visible, and the background shows the complex structure of the industrial facility with various pipes and beams.

Service... *It's in Our Name!*



At Liftsafe Engineering and Service Group Inc. our dedication to service is second to none. We pride ourselves on being a reliable resource for our customers when called upon. Our Service Advisors are knowledgeable, friendly and resourceful, ensuring you get great service every time.

Strategically located across the province, our quick response times are what sets us apart. Our competent tradespeople are dedicated and eager to help our clients with efficient and cost effective solutions. Our number one priority is safety, and we will repair your equipment to a SAFE status leaving you worry free, knowing the job was done right the first time!

Service

We have dedicated Service Advisors for each Territory, this ensures we have a sufficient number of technical support people to service your account. Our team will provide on-time quoting and quick turn around on service and repairs. Call today and speak to your dedicated Service Advisor.

Our Promise

- Liftsafe will provide you with a written repair quote before we begin the work.
- Liftsafe will load test (if required) your hoist before we return it to you.
- Liftsafe will clean and lubricate your hoist before we return it to you.
- Liftsafe will return all old parts to you at your request.
- Liftsafe will guarantee prompt, quality service.



Hoist Repair and Testing

Liftsafe Engineering and Service Group Inc.'s in-house service and repair depot guarantees the fastest turnaround time on your hoist repair. Our facility is fully stocked with hoist wear parts, and our hoist inspection and testing area is capable of handling all of your repair and inspection needs.



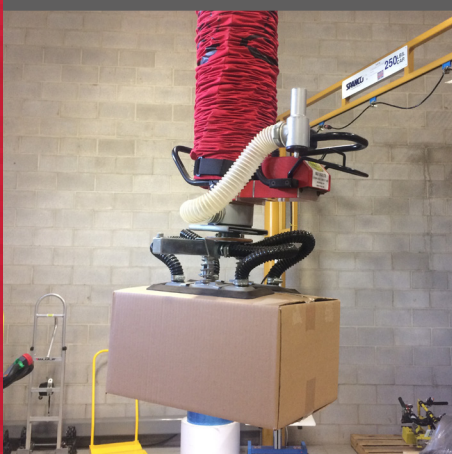
On-Site Breakdown Repairs

We understand that when you are experiencing a breakdown the number one thing you want is for your equipment to be repaired as quickly as possible. Our qualified technicians will quickly and efficiently complete the repairs required to get your equipment back in operation.



24-Hour Service

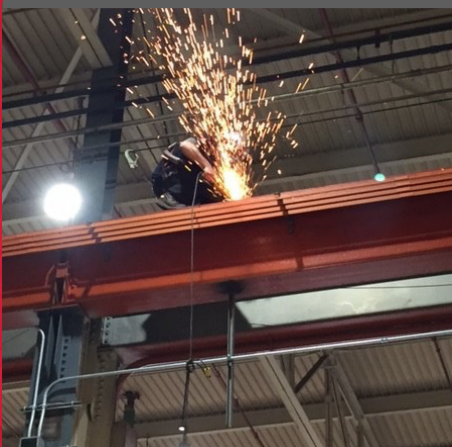
No one wants to experience the inconvenience of a breakdown whether it is big or small, especially if it occurs after hours, which is why we offer 24-hour Emergency Service, 7 days a week, 365 days a year. Liftsafe techs will get your equipment up and running day or night.



Vacuum Lifter Repairs

You can depend on Liftsafe for your vacuum lifter repairs. Many of our customers didn't know where to turn for this service and have found a dependable service provider in Liftsafe.

Our factory trained technicians provide expert service to any deficient vacuum lifter. They will troubleshoot the problems with your lifter and provide a detailed list of repair parts to our service advisors. A detailed quotation will be provided and once approved, we will make all necessary repairs followed by load testing and operational checks, ensuring your lifter is ready for use.



Mobile Welding Services

Liftsafe's qualified Canadian Welding Bureau (CWB) welders offer exceptional quality and service. Our team of fully equipped welders are mobile and will travel to your facility to repair any damaged equipment that you may have. Our welders are fully insured and are always at the ready, guaranteeing that your equipment is back up and running as quickly as possible, while still keeping safety a number one priority.



Equipment Installation

At Liftsafe Engineering and Service Group Inc., we go the distance to ensure that your installation goes smoothly. Our team of professional installers and the use of the right equipment guarantees that every installation is a seamless process. This is demonstrated by our wide range of successful complex equipment installations we have completed over the years.



Man Lifts/Lift Truck Structural Repairs

Man lifts and lift trucks are often subject to abuse. Liftsafe's expert team can help make sure your lifts are always ready to go. We provide fully compliant repairs approved by our in-house engineering department.

Load Testing

Load testing is of vital importance to the lifting industry and can be broken down into the following categories:

- Load testing for compliance
- Load testing for commissioning
- Load testing for braking functionality
- Load testing for holding functionality

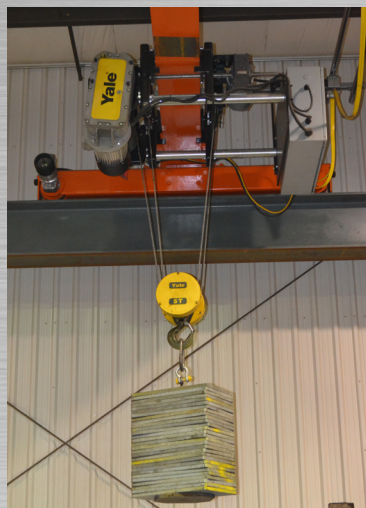
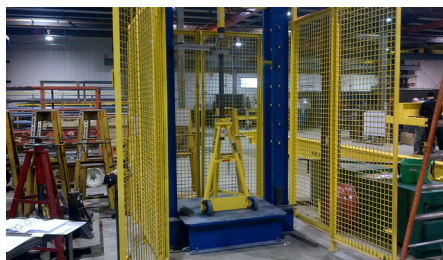
Many items may require load testing to validate the above categories. Our technicians and engineers will provide a load test in compliance with the required standards and issue a load test certificate upon successful completion of the load test. Liftsafe Engineering has the capabilities, resources and equipment to provide these services.

Owned Equipment Include:

- Load test weights both steel and concrete up to 25 ton for on-site commissioning and compliance requirements.
- In-Shop 10-ton load testing stands for validation of in-shop repaired hoists, chainfalls and pullers.
- Portable 5-ton load testing stands for customer site hoists, chainfalls and pullers during inspections or after on-site repairs.
- In-Shop PALD load testing stands for portable automotive lifting devices including automotive jacks and stands used for validation of item holding and structural capabilities.

Other Available Equipment:

- Additional load test weights for any capacity lift
- Water Weights for specialty load testing circumstances



Not only will the load test ensure all of these functions are in proper working order, but it is also critical to ensure the equipment is safe for the employees.

Roof Anchor Pull Testing



Liftsafe Engineering and Service Group Inc. offers a range of services related to non-destructive load testing of rooftop fall arrest anchors and davit arm assemblies.

By having your rooftop anchors inspected annually you will be ensuring that you are compliant with government regulations, and you will be helping to;

- Prevent Any Potential Accidents
- Protect Your Employees
- Protect Your Investment



Our licensed professional engineers are qualified in rooftop anchor system inspection and maintenance and are trained to ensure that your rooftop anchor or davit arm is compliant with OSHA, OHSA, CSA and ANSI standards.



It's the Law

Inspections shall be completed according to CSA Z91 (7.3.2.1) at intervals not exceeding twelve (12) months.

All new anchors shall be inspected and tested according to CSA Z91 (7.3.1) and CSA Z271 (6.3.2b). A Professional Engineer or a qualified person under the supervision of a Professional Engineer shall complete the inspection and load testing of new anchors.

All adhesive or expansion anchors shall be tested at intervals not exceeding five (5) years, in accordance with clause 6.3.2b of CSA Z271.

Inspections of structural components shall include, but not be limited to:

- A review of the design drawings to ensure compliance with current regulations standards and engineering standards.
- An inspection of the system to ensure compliance with the engineered drawings.
- An inspection of all exposed, visible and accessible components of the system for signs of deformity.



Engineering and Design *Design it, Build it, Install it*



Liftsafe Engineering and Service Group Inc. has a diverse engineering team that can handle any size of project.

Our Professional Engineers and Designers work as a liaison with our sales team to ensure the customer is provided with a solution that is both cost effective and efficient. Our designers provide approval drawings for review before we proceed with any fabrication. Often we include site verifications to ensure our designs will work within the customers' specifications and tolerances.

Our engineers will ensure that all designs meet or exceed applicable regulatory codes and standards ensuring your final deliverable will stand up to any inspections. Our Engineering team offers many other engineering services to our customers within the lifting industry to ensure full compliance of existing equipment.



Structural Upgrades

Liftsafe specializes in structural upgrades to existing support structures and crane systems. Our engineers can evaluate damaged or undersized structures and provide solutions for reinforcement or repairs to ensure your structures are load worthy. Do you have a damaged building column? Liftsafe can provide a structural report including a design for reinforcement to ensure your building is safe. Take it a step further and let our qualified welders make the necessary repairs. Is your crane undersized and you are looking for more capacity? Liftsafe can provide a turn-key engineered solution to provide you with the lifting needs necessary to fulfil your lifting requirements.



10/5 Year Man Lift Compliance Inspections

In accordance with CSA B354, a structural inspection shall be performed 10 years after the date of manufacture and every 5 years thereafter. These inspections must be carried out under the direction of a licensed professional engineer. Liftsafe will provide a full documented report in accordance with the standard to ensure your lifts are always in compliance.



Mobile Crane Annual Inspections

In accordance with CSA Z150, a complete inspection of the crane shall be performed by a competent person and supervised by an engineer competent in the inspection of cranes. Liftsafe will provide a full documented report to keep your equipment in compliance with the standard.

Looking to make a modification to your mobile crane? Contact our competent engineering department to ensure your modifications are in accordance with the standard and will meet the structural requirements to keep your equipment safe.



Pre-Start Health and Safety Reviews: Racking or Stacking Structures

In accordance with Regulation 851 of the OHSA, Section 7 has a requirement under item (11) that a Racking or Stacking Structure PHSR shall be conducted by a professional engineer when they are first implemented and whenever a major structural change occurs to them. Liftsafe's engineering team can provide you with the documentation required to ensure your racking and stacking structures are in compliance with current OHSA standards and are safe to use.



Pre-Start Health and Safety Reviews: Lifting Devices, Traveling Cranes or Automobile Hoists

In accordance with Regulation 851 of the OHSA, Section 7 has a requirement whereby any new construction, addition, installation or modification relating to a lifting device, traveling crane or automobile hoist will require a PHSR conducted by a professional engineer. Liftsafe's engineering team can provide you with consultation and documentation to keep you in compliance with the OHSA ensuring your equipment is ready to use.



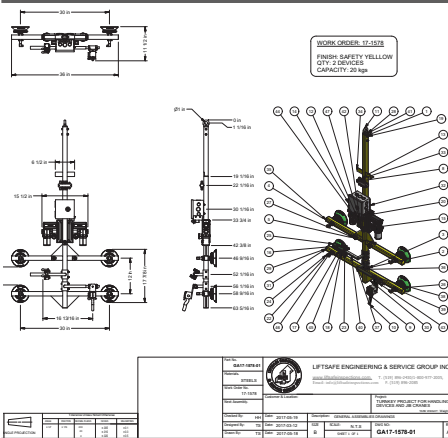
Pre-Start Health and Safety Reviews: Safe Guarding of Machinery

In accordance with Regulation 851 of the OHSA, Section 7 has a requirement to address the safe use of machinery. Under item (11), the PHSR shall be conducted by a professional engineer. Liftsafe's engineering team can provide consulting services and documentation in accordance with OHSA. Our engineers follow the CSA Z432 to provide a comprehensive plan to address any machine guarding safety concerns. A full report outlining recommendations and requirements will be made available to our clients to ensure unsafe conditions can be corrected.



Reverse Engineering Services

Often lifting devices are made in-house or have no proper documentation for the item's intended lifting capacity. The Liftsafe team can provide you with proper documentation ensuring the item is safe to lift to its intended capacity. We use proper safety factors to ensure the device can easily handle the load. If the device is under rated we can provide details for upgrades to meet the capacities required.



Design Services

Our team of designers can provide drawings of already built lifting equipment to ensure you have future records of the device. This will allow your staff to re-order already built equipment or track any changes to modified equipment. The drawings can be accompanied by a PEng stamp with a rated lifting capacity for your records.

Custom Fabrication

Design it, Build it, Install it

Liftsafe Engineering and Service Group Inc. has over 30,000 sq. ft. of fabrication space; our well-equipped shop includes a machine shop, fabrication shop, paint booth and assembly area.

We pride ourselves in offering turn-key solutions and can take on any size of project and manage it from design to installation. Liftsafe is certified by CWB in Fusion welding of both Steel W47.1 and Aluminum W47.2; our qualified welders are well versed and experienced in providing top quality weldments.

Custom Products

- C-Hooks
- Spreader Bars
- End Effectors
- Pneumatic Pick and Place
- Forklift Booms
- Upenders
- Transfer Carts
- Pallet Lifters
- Sheet Lifters
- Rotators

Access Products

- Ladders
- Railings
- Stairs
- Platforms





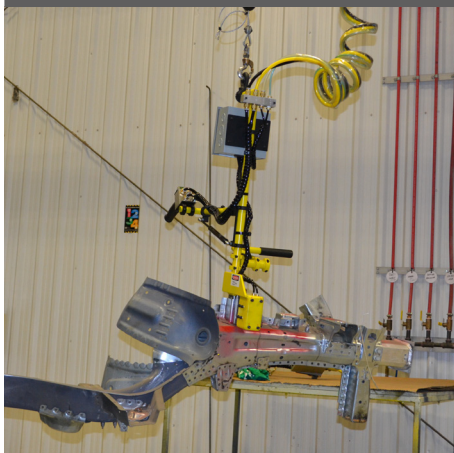
C-Hooks

C-Hooks are a counter balanced system used in order to hang products level when the hook is being unloaded and can be used in a variety of different heavy duty applications. Mainly used for coil lifting, Liftsafe has developed and built C-Hooks for many different applications.



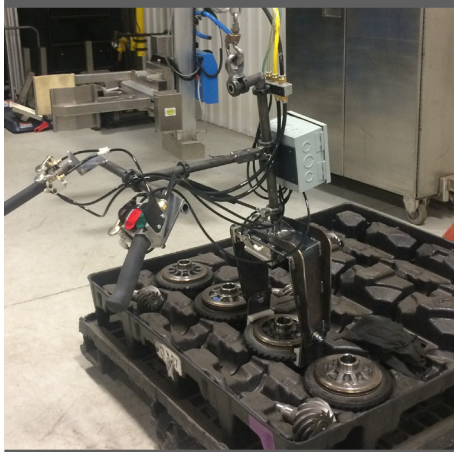
Spreader Bars

Spreader bars are a type of below-the-hook device that are a perfect addition to crane operations in order to pick up large and heavy loads. These bars distribute the load of the lift across more than one point. Liftsafe customizes any spreader bar to a customer's requirements in order to achieve best lifting practices.



End Effectors

With over 25 years of End of Arm Tooling (EOAT) experience we can design, engineer, build, install, and service custom systems designed with your specific application in mind. We combine innovation with experience in order to create an infinite variety of end effectors based on your requirements and applications.



Pneumatic Pick and Place

These Pick and Place End of Arm Tooling systems specialize in moving one item from one location to another. Pick and Place Lifting Devices are perfect for companies that have to load or unload many products. They help to increase the efficiency of the workplace while also decreasing the number of workplace injuries.



Forklift Booms

These dependable telescoping fork truck booms will help you lift and move heavy items safely. Each welded steel fork truck boom includes two swivel hooks and a safety strap to help provide a secure attachment to the fork truck carriage.



Upenders

Workplace safety and ergonomics are an important part of any job. Custom built upenders by Liftsafe can provide work positioning to accommodate any application and user. Our team will meet with your staff to visit the site and look at the required solution to your application. Our designers will work on providing an ergonomic solution to reduce injury and increase your productivity.



Transfer Carts

Custom designed transfer carts will provide any shop with improved productivity and mobility. Our carts are designed to move a wide variety of products with a single operator. Carts can be designed to run either on tracks or on a flat concrete floor.



Pallet Lifters

These lifting devices are designed with fixed or adjustable fork widths for landing loads of a similar shape and size. Pallet lifters allow you to convert overhead cranes to a lift truck and are counter balanced in order to hang level when they are empty.



Sheet Lifters

These versatile lifting devices are designed to handle bundles, sheets, plates, crates and other materials and only require one person to operate enabling you to minimize handling costs. These systems also have motorized leg adjustments and have a compact low headroom design allowing you to stack higher than other models allow.



Fixed Access Ladders

Fixed access ladders are an important access point for any building rooftop. Liftsafe will design and fabricate a ladder that is in compliance with Ministry of Labour regulations, ensuring the ladder is both safe to climb and will last for many years.



Access Platforms

Access Platforms are an important provision to keeping your workers safe. The addition of a platform allows workers to work in comfort around equipment without the risk of falling. Liftsafe can design, build and install a platform that provides full access to all equipment at any height or location.



Stairs & Railings

Liftsafe can design and fabricate stairs and railings to provide complete access points to platforms and landings ensuring your workers can get to the desired locations but work in a secure environment. Our team will come to your site and measure the area to provide you with the most cost effective solution available.

Crane Systems



Turn-Key Crane Solutions.



Consult



Engineer



Design



Manufacture



Install and Inspect



Commission

Crane Fabrication.

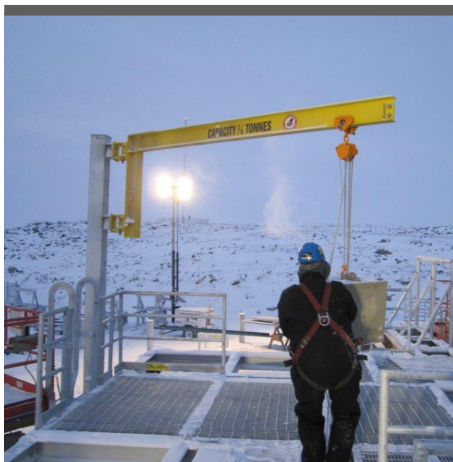
Liftsafe Engineering and Service Group Inc. provides O/H Cranes to a broad range of industries. Our systems are designed to suit the applications' capacity, duty class and environmental conditions. Liftsafe's experienced Engineers ensure that correct components are selected to meet these important criteria.

Manufacturing.

- Capacity from 1-ton to 100-ton offered.
- Software is utilized to optimize girder selections, verify code compliance and minimize deflections.
- Liftsafe selects only the finest components that meet CMAA and CSA standards.
- Crane and runway manufacturing completed by CWB qualified welders, meeting our most stringent quality control measures.
- Bridge crane panels are CSA compliant prior to shipping.
- Variable frequency drive systems are provided for smooth operation.

Installation/Commissioning.

- Crane installations meet applicable standards and regulations.
- Liftsafe provides crane systems with tried and proven reliability, which requires very little maintenance.
- Installation includes a Pre-Start Health and Safety review exemption letter and proper Engineering sign-offs, as required by the Ministry of Labour and local building codes.
- Crane and runway electrification according to CSA C22 standards.
- Pendant and radio control systems are also available.
- Custom PLC systems available for semi-automated applications.



Full Compression Column Supported Jib Crane

Capacity: Up to 10-tons

Liftsafe is a leading Jib Crane manufacturer, providing over seven different categories of Jib Crane options to our extensive customer base throughout North America. With over 25 years experience manufacturing, installing, inspecting, and repairing Jib Cranes, we are a trusted provider of complete Jib Crane systems. Working alongside our trusted and reliable suppliers, we combine expert service and parts to create both standard and custom systems that are not only reliable but affordable.



Tie-Rod Column Supported Jib Crane

Capacity: Up to 10-tons

Jib Cranes provide a significant return on investment through drastic increases in productivity, reduction of workplace injuries, and improved safety within your facility. Our Jib Cranes are designed to address and resolve ergonomic concerns thereby substantially reducing workplace injuries, insurance premiums, and lost time due to absenteeism. Typically, according to our customers, our Jib Cranes pay for themselves within the first three years through increased productivity and efficiency.





Wall-Traveling Jib Crane

Capacity: Up to 10-tons

Wall-Traveling Jib Cranes provide long lateral movement of materials without taking up floor space or interfering with large overhead cranes. Wall-Traveling Jibs increase overall plant productivity by quickly handling smaller lifts. Wall-Traveling Jib Cranes are cost-effective, custom engineered solutions that are specifically designed to meet your production needs and building specifications.



Articulating Jib Crane

Capacity: 150 lbs to 2,000 lbs

Articulating Jib Cranes can lift loads around corners and columns, reach into or under machinery and containers, and service virtually any point between the pivot anchor and the far reach of the boom. Our articulating jibs can be mounted on your floor, wall, ceiling, or bridge crane to best suit your needs. These jib cranes support nearly any type of manipulator, balancer, or hoist.



Workstation Jib Crane

Capacity: Up to 1,000 lbs

Workstation Jib Cranes offer a cost-effective alternative for ergonomic lifting and transferring of repetitive loads. Typically, Workstation Jib Cranes are freestanding (self-supporting) however, wall mounted and overhead systems are available. The area of rotation depends on the system you select; our Workstation Jib Cranes range in rotation anywhere from 200 to 360 degrees of rotation.



Freestanding Workstation Bridge Crane

Capacity: 250 lbs to 4,000 lbs

Freestanding Workstation Bridge Cranes are an effective and affordable lifting solution when you need Overhead Crane coverage for a large area, or possible relocation in the future. These ergonomic push/pull systems offer little resistance when trying to push or pull your load making it easy for any operator to use.



Ceiling-Mounted Workstation Bridge Crane

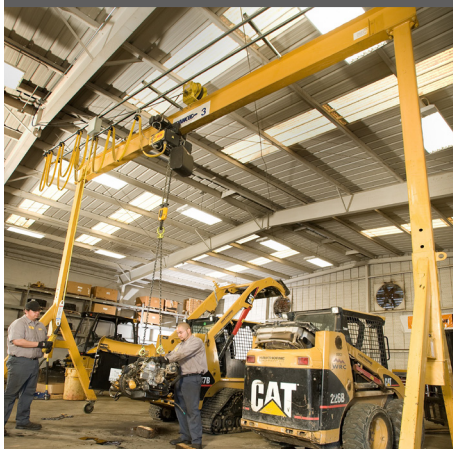
Capacity: 250 lbs to 4,000 lbs

Ceiling-Mounted Workstation Bridge Cranes are designed to allow for rapidly expanding runway lengths and the number of bridges, as your future needs may dictate. Ceiling-Mounted Workstation Bridge Cranes provide unlimited lifting coverage without sacrificing floor space or obstructing work areas. Our Ceiling-Mounted Workstation Bridge Cranes eliminate the need for steel supports, making them a cost-effective and ergonomic material handling solution.



Portable Gantry Cranes

Our Portable Gantry Cranes are lightweight, versatile, and a low-cost lifting alternative to fixed Overhead Crane Systems. Depending on the lifting requirements at your facility, our standard Portable Gantry Cranes are capable of capacities up to 10 Tons, with spans of 40'. Larger spans and capacities are available upon request. Portable Gantry Cranes require no permanent installation and are quick and easy to assemble/relocate. The flexibility to relocate our Gantry Cranes ensures optimal productivity in your facility.



Adjustable Gantry Cranes

Adjustable Gantry Cranes offer three-way adjustability for span, height, and tread. Their adjustment flexibility allows use on uneven floors, as well as passage through doorways, aisles, and under mezzanines or other overhead obstacles.

All Aluminum Gantries quickly assemble and disassemble, making them popular with contractors who need highly mobile lift equipment that they can carry in their service trucks.



Semi-Gantry Cranes

A Semi-Gantry Crane is our single leg crane, which is ideal for providing material handling solutions in facilities where space is an issue due to machinery, narrow spacing and/or confined spaces. The advantage of a Semi-Gantry Crane is that it can be installed below overhead traveling cranes that already exist. This gives an exceptionally extensive cover of the floor area.



Single Girder Top Running Overhead Crane

Capacity: 1/4-ton to 20-tons

Single Girder Top Running Overhead Cranes are designed to travel on top of a runway system that can be either supported by engineered columns or existing building columns. Our collaborative approach ensures that the Overhead Crane System you select exceeds your expectations for not only quality but reliability.



Single Girder Under Running Overhead Crane

Capacity: 1/4-ton to 20-tons

Single Girder Under Running Overhead Cranes are ideal for facilities that lack excess vertical clearance. We assess your facility's capabilities, evaluate the needs of the system, determine weight and span requirements, and recommend systems that are tailored to your specific needs.



Double Girder Top Running Overhead Crane

Capacity: 1-ton to 50-tons

Double Girder Top Running Overhead Cranes are designed to travel on top of a runway system that can be either supported by engineered columns or existing building columns. We assess your facility's capabilities, evaluate the needs of the system, determine weight and span requirements, and recommend systems that are tailored to your specific needs.



Double Girder Under Running Overhead Crane

Capacity: 1-ton to 20-tons

Double Girder Under Running Overhead Cranes are ideal for facilities that lack excess vertical clearance. Our collaborative approach ensures that the Overhead Crane System you select will exceed your expectations for not only quality but reliability. We assess your facility's capabilities, evaluate the needs of the system, determine weight and span requirements, and recommend systems that are tailored to your specific needs.

Lever Hoists



CM Bandit Ratchet Lever Hoist

Capacity: 3/4, 1-1/2, 3 and 6-tons

What it Does: The CM Bandit is a light and compact 3/4 & 1-1/2 ton ratchet lever hoist. Its portable design, easy free chaining, and 360-degree rotating handle make it one of the most versatile hoists on the market today.

Standard Lift: 20' *Longer lifts available.*

Manufactured by:



CM Tornado 360° Ratchet Lever Hoist

Capacity: 1-1/2-tons

What it Does: Redefining lever-operated hoists, this hoist features the revolutionary Sidewinder™ lever handle that allows for efficient operation in both lifting and pulling applications. Ergonomically designed for increased safety, the patent-pending CM Tornado 360° lets the operator work up to 12 times faster.

Standard Lift: 20' *Longer lifts available.*

Manufactured by:



CM Little Mule Lineman's Strap Hoist

Capacity: 1/2-ton to 3-tons

What it Does: The Little Mule Lineman's Strap Hoist is high quality and dependable, making it one of the favourites of linemen across the nation. This strap hoist is designed for rugged use with dependability in mind.

Standard Lift: Up to 14 ft

Manufactured by:



CM Series 602 Mini Ratchet Lever Hoist

Capacity: 550 lbs

What it Does: The CM Series 602 Mini Ratchet Lever Hoist features the most compact and comfortable ratchet lever hoist in the market. They perform just like larger lever hoist models.

Standard Lift: 5' to 10' *Longer lifts available.*

Manufactured by:





CM Rigger Lever Operated Hoist

Capacity: 1,500 lbs to 1-1/2-tons

What it Does: The CM Rigger Lever Operated Hoist features a lightweight and compact design for easy storage. This versatile ratchet style hoist is used in a variety of moderate commercial applications.

Standard Lift: 5' *Longer lifts available.*

Manufactured by:



CM Puller Lever Hoist

Capacity: 1,500 lbs to 6-tons

What it Does: The CM Puller features a heavy-duty design for pulling, lifting, dragging and stretching construction and industrial applications. The Puller is built for ease of use, ease of maintenance and long life.

Standard Lift: 5' to 20'

Manufactured by:



CM Series 603 Mini Ratchet Lever Hoist

Capacity: 1,100 lbs

What it Does: The CM Series 603 Mini Ratchet Lever Hoist features the most compact and comfortable ratchet lever hoist in the market. They perform just like larger lever hoist models.

Standard Lift: 5' to 10'

Manufactured by:



CM Series 653 Lever Operated Hoist

Capacity: 1,500 lbs to 6-tons

What it Does: The CM Series 653 Lever Operated Hoist features a short handle and minimal lever pull effort combined with high quality, rugged steel for close quarter pulling, stretching, and hoisting applications. This lever hoist is ideal for a wide array of applications in construction, industrial and plant operations.

Standard Lift: 5' to 20' *Longer lifts available.*

Manufactured by:





CM Short Handle Puller Lever Hoist

Capacity: 1,500 lbs to 3-tons

What it Does: The CM Short Handle Puller features the same heavy-duty design as the Puller in a smaller size for lighter loads and tighter spaces. This hoist is designed for heavy-duty construction and industrial applications.

Standard Lift: 5' to 20'

Manufactured by:



Yale PM Ratchet Lever Hoist

Capacity: 1,500 lbs to 3-tons

What it Does: Yale PM Ratchet Lever Hoists are ideally suited for applications that demand maximum portability and ruggedness.

Standard Lift: 5' Longer lifts available.

Manufactured by:



Yale PD2 Ratchet Lever Hoist

Capacity: 1,500 lbs to 6-tons

What it Does: Yale PD2 Ratchet Lever Hoists are extra rugged and durable. Housings are high-strength malleable cast iron to protect the gearing and brake from shock, dirt and mud.

Standard Lift: 5' Longer lifts available.

Manufactured by:



Yale PE2 Ratchet Lever Hoist

Capacity: 1,500 lbs to 6-tons

What it Does: Yale PE2 Ratchet Lever Hoists are designed for heavy-duty construction and industrial applications. Used to pull, lift, drag or stretch.

Standard Lift: 5' Longer lifts available.

Manufactured by:





LB

Capacity: 3/4-ton to 9-tons

What it Does: The LB forged an entirely new, industry leading benchmark by being smaller, lighter and stronger than any other lever hoist on the market. Its proven strength and durability stand up in an endless array of gruelling applications, including environments where temperatures drop to a bone-chilling -40 C.

Standard Lift: 5' *Longer lifts available.*

Manufactured by:
KITO



LB-SC

Capacity: 3/4-ton to 9-tons

What it Does: The LB-SC lever hoist has all the benefits of the standard Kito LB but is equipped with an integrated slip clutch to help prevent injuries or damages on the job site. The slip clutch engagement is smooth and seamless with no erratic motion to make sure the load remains steady while lifting.

Standard Lift: 5' *Longer lifts available.*

Manufactured by:
KITO



RLP Premium Manual Lever Puller

Capacity: 3/4-ton to 6-tons

What it Does: This top of the line lever puller, the RLP, has a smooth free wheel ability for ease of chain adjustment when rigging the load. Compact size and light weight mean you can easily use your hoist in many locations. The RLP is able to operate in tight spaces with 360° handle rotation.

Standard Lift: 5' *Longer lifts available.*

Manufactured by:



RL Manual Lever Puller

Capacity: 3/4-ton to 6-tons

What it Does: Compact size and light weight mean you can easily use your hoist in many locations. The RL is able to operate in tight spaces with 360° handle rotation. The 3/4 ton RL lever puller can include an optional convenient belt pouch with detachable shoulder strap.

Standard Lift: 5' *Longer lifts available.*

Manufactured by:



Hand Chain Hoists



CM Hurricane 360° Hand Chain Hoist

Capacity: 1,000 lbs to 10-tons

What it Does: The CM Hurricane 360° features a full cycle of flexibility for a wide range of lifting and pulling applications. A unique hand chain hoist by any comparison in the market, the CM Hurricane 360° provides maximum versatility and safety on any job site.

Standard Lift: 10' to 30'

Manufactured by:



CM Cyclone Hand Chain Hoist

Capacity: 500 lbs to 10-tons

What it Does: The CM Cyclone Hand Chain Hoist features superior engineering, efficiency and durability and is considered one of the most popular and reliable hand chain hoists ever designed.

Standard Lift: 10' to 20'

Manufactured by:



CM Cyclone Army Type Trolley Hand Chain Hoist

Capacity: 500 lbs to 12-tons

What it Does: The CM Cyclone Army Type Trolley Hoist combines superior engineering, efficiency and durability in a compact, low headroom trolley mount ideal for applications requiring movable hoists.

Standard Lift: 10' to 20'

Manufactured by:



CM Cyclone Trolley Hand Chain Hoist for Low Headroom

Capacity: 1,000 lbs to 6-tons

What it Does: The CM Cyclone Trolley Hoist for Low Headroom features superior engineering, efficiency and durability in an integrated all-in-one design. The hoist and the trolley are combined for even lower headroom applications.

Standard Lift: 10' to 20'

Manufactured by:





CM Series 622 Hand Chain Hoist

Capacity: 1,000 lbs to 5-tons

What it Does: The CM Series 622 Hand Chain Hoist features a simple, efficient and economical design. Its compact design, low headroom and lightweight steel construction make this hoist easy to install, even in confined spaces.

Standard Lift: 10' to 30'

Manufactured by:



CM Hurricane 360° Hand Chain Hoist

Capacity: 1,000 lbs to 20-tons

What it Does: The CM Hurricane 360° is unlike any other hand chain hoist on the market today. Featuring a one-of-a-kind hand chain cover, it provides flexibility and versatility for challenging applications.

Standard Lift: 30' Longer lifts available.

Manufactured by:



Yalelift 360 ATEX Hand Chain Hoist

Capacity: 500 lbs to 12-tons

What it Does: Designed for explosive environments with spark-resistant, copper-coated suspension and load hooks; stainless steel load chain and hand chain; and bronze trolley wheels.

Standard Lift: 10' Longer lifts available.

Manufactured by:



Yale Load King Low Headroom Plain Trolley Hoist

Capacity: 1,000 lbs to 6-tons

What it Does: The Yale Load King Low Headroom Plain Trolley Hoist features hoist and trolley in an all-in-one unit for low headroom applications.

Standard Lift: 10' Longer lifts available.

Manufactured by:





Yale Load King LTP2 Army Type Plain Trolley Hoist

Capacity: 1,000 lbs to 12-tons

What it Does: The Yale Load King LTP2 Army Type Plain Trolley Hoist features the same quality and performance as the LH2 in a compact, low headroom integral trolley mount. Ideal for applications requiring a mobile hoist.

Standard Lift: 8'

Manufactured by:



Yale Load King Low Headroom Geared Trolley Hoist

Capacity: 1-1/2-tons to 6-tons

What it Does: The Yale Load King Low Headroom Geared Trolley Hoist features hoist and trolley in an all-in-one unit for low headroom applications.

Standard Lift: 10'

Manufactured by:



Yale Load King LH2

Capacity: 1/4-ton to 10-tons

What it Does: The Yale Load King LH2 Hook Mount Hand Hoists are one of the most popular and reliable hoists ever designed, combining superior engineering, efficiency and durability.

Standard Lift: 2' *Longer lifts available.*

Manufactured by:



Yale Load King LTG2

Capacity: 1/2-ton to 12-tons

What it Does: The Yale Load King LTG2 Army Type Geared Trolley Hoist features the same quality and performance as the LH2 in a compact, low headroom integral trolley mount. Ideal for applications requiring a mobile hoist.

Standard Lift: 10' *Longer lifts available.*

Manufactured by:





Budgit Series USA Hand Chain Lug Suspension Hoist

Capacity: 500 lbs to 6-tons

What it Does: Budgit USA Lug Suspension Hoists are lightweight and compactly designed for portable, hook-on, use anywhere type service. The rugged design provides long life in industrial and construction service and is frequently used in rigging and off-vertical type lifting requirements.

Standard Lift: 8' *Longer lifts available.*

Manufactured by:

BUDGIT®
Hoists



Budgit Series USA Hand Chain Hook Suspension Hoist

Capacity: 500 lbs to 6-tons

What it Does: Budgit USA Hook Suspended Hoists are lightweight and compactly designed for portable, hook-on, use anywhere type service. The rugged design provides long life in industrial and construction service and is frequently used in rigging and off-vertical type lifting requirements.

Standard Lift: 8' to 30'

Manufactured by:

BUDGIT®
Hoists



Budgit Series USA Hand Chain Hoist - Spark Resistant

Capacity: 500 lbs to 6-tons

What it Does: Budgit USA spark resistant models are designed for service in certain hazardous atmospheres and areas where resistance to friction sparks is vitally important. These models have: bronze alloy hooks; bronze block sleeve or aluminum lower block; special chrome nickel stainless steel alloy load chains; and aluminum or bronze hand chain.

Standard Lift: 8' *Longer lifts available.*

Manufactured by:

BUDGIT®
Hoists



SHB

Capacity: 1-ton to 10-tons

What it Does: Sometimes there's just not enough room above a load to use a standard hoist. That's where the low profile SHB hoist and trolley combo work where others can't. Built around the quality CB hoist with headrooms as low as 4.5 inches, the SHB is ideal for demanding industrial lifting applications where space is extra tight.

Standard Lift: 20' *Longer lifts available.*

Manufactured by:

KITO



CX

Capacity: 1/4-ton to 1/2-ton

What it Does: The CX is a remarkable engineering achievement in both design and performance, with the 1/4 ton model weighing less than 6 lbs, and the 1/2 ton model weighing 9.9 lbs. The heat-treated gears and innovative brake system are also sealed to protect against damage from dust and water, and its hooks have tip-supported latches with wide openings to perform jobs big or small.

Standard Lift: 8' *Longer lifts available.*

Manufactured by:

KITO



RCB

Capacity: 1/2-ton to 3-tons

What it Does: The RCB's spark-resistant design is certified to ATEX standards to ensure safer lifting in dust-laden or explosive gas atmospheres. The RCB is specifically designed for use in petroleum, pharmaceutical and food industries, or any application where safety is improved by the use of anti-sparking equipment.

Standard Lift: 8' *Longer lifts available.*

Manufactured by:

KITO



M3CB

Capacity: 1/2-ton to 50-tons

What it Does: The M3CB proves its unmatched pulling power in the most extreme conditions. Exceptional, heavy-grade components make this a long lasting workhorse that tackles severe -40°C/-40°F temperatures and truly hostile Northern winters.

Standard Lift: 8' *Longer lifts available.*

Manufactured by:

KITO



CF

Capacity: 1/2-ton to 3-tons

What it Does: The CF exemplifies simplicity in design while making zero compromises on performance. Its die-cast aluminum body reduces the hoist weight and won't corrode when exposed to the elements. Plus, the proven 1:1 ratio gear system makes it a fast hoist that's reliable and maintenance friendly. The CF is simply the best choice when you need an economical hoist that doesn't skimp on toughness.

Standard Lift: 8' *Longer lifts available.*

Manufactured by:

KITO



LX

Capacity: 1/4-ton to 1/2-ton

What it Does: Don't be fooled by its award-winning pocket-sized design, the LX is no lightweight. Its robust integrated aluminum housing, tip supported hook latches, and heat-treated gears and chain make this a small hoist that delivers huge durability and performance. And, with a 1mm lifting accuracy, the LX is capable of positioning your load exactly where you want it.

Standard Lift: 5' *Longer lifts available.*

Manufactured by:

KITO



CX

Capacity: 1/4-ton to 1/2-ton

What it Does: The CX is a remarkable engineering achievement in both design and performance, with the 1/4 ton model weighing less than 6 lbs, and the 1/2 ton model weighing 9.9 lbs. The heat-treated gears and innovative brake system are also sealed to protect against damage from dust and water, and its hooks have tip-supported latches with wide openings to perform jobs big or small.

Standard Lift: 8'

Manufactured by:

KITO



HCB

Capacity: 2-1/2-ton to 20-tons

What it Does: Save time and increase efficiency with the world's first dual speed manual chain hoist. Kito's innovative magnetic clutch technology senses the load and changes gears automatically to work seven times faster when repositioning an unloaded hook. The result is a significant reduction in labour costs and operator fatigue – something both your workers and your accountant will appreciate.

Standard Lift: 8' *Longer lifts available.*

Manufactured by:

KITO



RM Series II Manual Chain Hoists

Capacity: 1/2-ton to 4-tons

What it Does: These units have a hand chain drop of 2 ft (0.5 m) less than lift, with additional lifts available. Overload limiting device to prevent lifting loads beyond rated capacity (Except 1/4 ton [250 kg] unit). High strength, grade 80 alloy steel load chain with galvanized finish for corrosion resistance. Hooks are alloy steel, heat treated and equipped with hook latches and inspection points.

Standard Lift: 10' *Longer lifts available.*

Manufactured by:



Powered Chain Hoists



CM Lodestar Electric Chain Hoist

Capacity: 2-tons

What it Does: Legendary in performance the Lodestar electric chain hoist features quieter operation, an environment friendly design, easier access to components, higher duty cycles, less maintenance and enhanced safety features.

Standard Lift: 20' Longer lifts available.

Powered By: Electricity

Manufactured by:



CM Man Guard Electric Chain Hoist

Capacity: 1/4-ton to 3-tons

What it Does: The CM Man Guard is designed for a long and dependable service life for heavy duty applications. Additionally, with its environmentally friendly design, easy access to key components, less maintenance, and enhanced safety feature, the Man Guard is the right choice for your lifting needs.

Standard Lift: 20' Longer lifts available.

Powered By: Electricity

Manufactured by:



CM Powerstar Electric Chain Hoist

Capacity: 2-tons to 15-tons

What it Does: The CM Powerstar Electric Chain Hoist features a space-saving alternative to wire rope hoists for high-speed lifting. This heavy-duty hoist is built to maintain its strength and power year after year.

Standard Lift: 20' Longer lifts available.

Powered By: Electricity

Manufactured by:



CM ShopStar Electric Chain Hoist

Capacity: 250 lbs to 1,000 lbs

What it Does: The CM ShopStar electric chain hoist is built for rugged industrial and commercial use. This durable hoist features high H4 duty cycles and a compact design ideal for use at workstations and production lines. Standard overload device protects the hoist, operator and surrounding structure from damaging overloads.

Standard Lift: 10' Longer lifts available.

Powered By: Electricity

Manufactured by:





CM Valustar Electric Chain Hoist

Capacity: 1/4-ton to 2-tons

What it Does: The CM Valustar Electric Chain Hoist features a compact, lightweight design built specifically for general commercial applications. Valustar is an economical choice for your material handling needs.

Standard Lift: 20' *Longer lifts available.*

Powered By: *Electricity*

Manufactured by:



Yale XL Electric Chain Hoist

Capacity: 1/4, 1/2, 1, 2, 3-tons

What it Does: The Yale XL Electric Chain Hoist is for heavy-duty lifting applications. Ideal for automotive, heavy manufacturing, paper mills, and other industries.

Standard Lift: 10' *Longer lifts available.*

Powered By: *Electricity*

Manufactured by:



Yale YJL/YJL-V Electric Chain Hoist

Capacity: 1/4-ton to 2-tons

What it Does: Yale YJL Electric Chain Hoists are compact in size with standard features such as a multiple disc motor brake, overload clutch, and adjustable limit switches. The YJL-V is a variable speed version.

Standard Lift: 20' *Longer lifts available.*

Powered By: *Electricity*

Manufactured by:



Yale KELC Air Chain Hoist

Capacity: 1/4, 1/2, 1, 2 and 3-tons

What it Does: The Yale KELC Air Chain Hoist offers a variety of options for lifting applications. These hoists are designed and manufactured for tough jobs and for every lifting application. An economical choice, these hoists are dependably built to withstand the rigours of heavy service and repeated lifting cycles.

Standard Lift: 10' *Longer lifts available.*

Powered By: *Electricity*

Manufactured by:





Budgit BEHC Man Guard

Capacity: 1/4-ton to 2-tons

What it Does: The Budgit BEHC Man Guard Electric Chain Hoist is designed and manufactured for tough jobs and for every lifting application. An economical choice, these hoists are dependably built to withstand the rigours of heavy service and repeated lifting cycles. They are easy to service, require minimal maintenance, and offer excellent headroom for every lifting application.

Standard Lift: 30' *Longer lifts available.*

Powered By: *Electricity*

Manufactured by:
BUDGIT®
Hoists



Budgit Shophoist Electric Chain Hoist

Capacity: 1/4-ton to 2-tons

What it Does: The Budgit Shophoist Electric Chain Hoist features rugged construction and high H4 duty cycle for commercial and industrial applications. Its small lightweight design allows for easy installation and maintenance.

Standard Lift: 10' *Longer lifts available.*

Powered By: *Electricity*

Manufactured by:
BUDGIT®
Hoists



ER2

Capacity: 1/8-ton to 20-tons

What it Does: The ER2 electric hoist is designed for peak performance—even on the toughest jobs in the toughest conditions. Its quiet operation and minimal vibration lower workplace noise pollution to help reduce worker fatigue and extend the life of the hoist. Practical durability at its best, the ER2 lets you get the job done safely and worry-free.

Standard Lift: 10' *Longer lifts available.*

Powered By: *Electricity*

Manufactured by:
KITO



FER

Capacity: 1/2-ton to 2-tons

What it Does: For lifting applications in food, beverage and pharmaceutical industries—where maintaining a pristine environment is critical—the FER food-grade electric chain hoist is the one to choose. FDA approved food-grade lubricants used on the load chain and in the gearbox are NSF H1 compliant for safe use in any facility where incidental contact with product is a concern.

Standard Lift: 10' *Longer lifts available.*

Powered By: *Electricity*

Manufactured by:
KITO



TNER

Capacity: 1/2-ton to 2-tons

What it Does: While other show motors are out of commission for brake service or regular repair, Harrington's TNER theatre hoist by Kito is ready when duty calls. That's because the TNER is built using the latest technology powered by innovative design and manufacturing processes, and backed up by outstanding customer support when you need it.

Standard Lift: 10' *Longer lifts available.*

Powered By: *Electricity*

Manufactured by:

KITO



TCR

Capacity: 1/4-ton to 25-tons

What it Does: If you need a hoist with 100% duty ratings, fine-feathering controls and quiet operation, you'll love the TCR pneumatic hoist. Lift all day and all night with this workhorse. Smooth starts and stops with variable-speed operation provide extremely accurate load positioning and control. Put this hoist on the top of your list when you need productivity and precision for years on end.

Standard Lift: 10' *Longer lifts available.*

Powered By: *Air*

Manufactured by:

KITO



TCS

Capacity: 1/4-ton to 1-ton

What it Does: Sometimes a job requires ultra-high lifting speeds and 100% duty ratings. With speeds up to 112 fpm at full capacity, the TCS offers blazing performance while still providing quiet operation and optimal fine feathering to control your load position. Fast, quiet and precise—that's an unbeatable combination.

Standard Lift: 10' *Longer lifts available.*

Powered By: *Air*

Manufactured by:

KITO



AL

Capacity: 1/4-ton to 5-tons

What it Does: The Harrington AL Series Air Hoist comes with built-in safety and maintenance features. Work in confidence knowing the AL is ATEX certified for spark resistance in explosive atmospheres. Engineered to operate completely lubrication free, the AL is a suitable choice for applications in the food, chemical, and pharmaceutical industries that require completely dry exhaust.

Standard Lift: 10' *Longer lifts available.*

Powered By: *Air*

Manufactured by:

KITO



SER

Capacity: 1/4-ton to 3-tons

What it Does: Need a 115V or 220V single phase powered hoist with the duty cycle of a three-phase hoist? Look no further than the SER. Designed to exceed H4 industrial use ratings, the SER is equipped with a TEFC motor and a maintenance-free, self-adjusting, pull-rotor brake. That means you'll get a single phase hoist that's able to handle the long lifts and long shifts of any industrial job.

Standard Lift: 10' *Longer lifts available.*

Powered By: *Electricity*

Manufactured by:

KITO



ED

Capacity: 220 lbs to 1,058 lbs

What it Does: Plug the ED into any standard 115 V wall socket and you're ready to lift. With speeds up to 44 fpm, you'll be amazed that such a small hoist moves so quickly. Designed for productivity and portability, the ED also offers a variable-speed option to adjust the speed to best suit your application.

Standard Lift: 10' *Longer lifts available.*

Powered By: *Electricity*

Manufactured by:

KITO



EDCL

Capacity: 220 lbs to 1,058 lbs

What it Does: Add an ergonomic cylinder control to Kito's variable-speed ED hoist that operates on standard 115 V and you have a recipe for incredible productivity. The EDCL is at home on any production line, while still being small enough to move between job sites. It's a formidable combination that's sure to add valuable flexibility to any operation.

Standard Lift: 6' *Longer lifts available.*

Powered By: *Electricity*

Manufactured by:

KITO



ER2CL

Capacity: 1/8-ton to 1/4-ton

What it Does: Ergonomically designed, this 3-phase cyclinder control ER2CL Series provides all that you need for a safe and easy operation. It features Guardian Smart Brake technology—an electrical fail-safe design and an in-line grip for one-handed operation allowing the user's free hand to position the load easily. The ER2CL is engineered to deliver comfort, safety and peak performance.

Standard Lift: 6' *Longer lifts available.*

Powered By: *Electricity*

Manufactured by:

KITO



AW

Capacity: 1/2-ton to 1-ton

What it Does: The AW Series spark-resistant washdown air hoist from Harrington is designed for use in limited corrosive, humid, or outdoor environments where equipment must be washed or hosed off regularly. Engineered around the AL Series Air Hoist, the AW boasts all the same ATEX certified and lubrication free features, but with additional washdown capabilities.

Standard Lift: 10' *Longer lifts available.*

Powered By: *Air*

Manufactured by:

KITO



AS

Capacity: 1/4-ton, 1/2-ton

What it Does: The Harrington AS Series Air Hoist features stainless steel parts and is engineered to eliminate or reduce the risk of a spark caused by industrial applications. The AS is Ex-certified, spark resistant to level Ex II 2GD c T5 IIC T100°C and is in compliance with the EU ATEX Directive. Contact a qualified person to determine ATEX requirements for specific applications and for a worry-free operation.

Standard Lift: 10' *Longer lifts available.*

Powered By: *Air*

Manufactured by:

KITO



MR

Capacity: 1-ton to 10-tons

What it Does: How do you move five tons across a factory floor safely and easily? Here's how: add an MR motorized trolley to your Kito ER electric hoist and you'll increase productivity and decrease unwanted movement so you can easily direct your load. Opt for an adjustable two-speed unit with a variable frequency drive (VFD) and you'll also be able to set your speed preference and ensure super smooth starts and stops every time.

Powered By: *Electricity*

Manufactured by:

KITO



LK Electric Chain Hoists

Capacity: 1/8-ton to 5-tons

What it Does: This Two-speed TMU trolley drive unit has a variable frequency drive option, with various options including hook, push trolley and motorized trolleys.

Standard Lift: 10, 15 and 20 ft

Powered By: *Electricity*

Manufactured by:



Pneumatic Hoists



CM Lodestar Air XL Pneumatic Chain Hoist

Capacity: 2-tons to 7-1/2-tons

What it Does: The CM Lodestar Air XL Pneumatic Chain Hoist are heavy-duty hoists featuring variable speeds and higher capacities than traditional air chain hoists. Workers in automotive plants, heavy equipment manufacturing, chemical plants, refineries and related rugged work environments will experience the same dependability and versatility that they have relied on from CM products for many years.

Standard Lift: 10' Longer lifts available.

Powered By: Air

Manufactured by:



CM ShopAir, Air Chain Hoist

Capacity: 250, 300, 500, 600 and 1,000 lbs

What it Does: The CM ShopAir, Air Chain Hoist features superior lifting speeds, rugged design, and precise load spotting in a portable air chain hoist. It is ideal for a workstation hoist or a production line hoist due to its compact design and very lightweight.

Standard Lift: 10' Longer lifts available.

Powered By: Air

Manufactured by:



CM AirStar, Air Chain Hoist

Capacity: 1/4-ton to 1-ton

What it Does: The CM AirStar, Air Chain Hoist is lightweight, yet powerful enough for most commercial applications. This hoist features variable speed pneumatic power for spark-resistant applications or where precision and power are key.

Standard Lift: 10' Longer lifts available.

Powered By: Air

Manufactured by:



Yale YAL Air Chain Hoist

Capacity: 1-ton

What it Does: Yale YAL Air Chain Hoist with pull cord control provides a lightweight, economical hoist for accurate control of loads. Yale YAL Air Chain Hoist with pendant throttle control hoists offer ergonomic one-handed controls, for ease of operation.

Standard Lift: 10' Longer lifts available.

Powered By: Air

Manufactured by:





Yale KALC Air Chain Hoist

Capacity: 1, 2 and 3-tons

What it Does: Yale KALC Air Chain Hoists are available in hook or lug suspension for lifting applications. Available in spark-resistant models. These hoists are designed and manufactured for tough jobs and for every lifting application. An economical choice, these hoists are dependably built to withstand the rigours of heavy service and repeated lifting cycles.

Standard Lift: 10' *Longer lifts available.*

Powered By: Air

Manufactured by:



Budgit Series 600 Compact Air Chain Hoist

Capacity: 250, 300, 500, 600 and 1,000 lbs

What it Does: The Budgit Series 600 Compact Air Chain Hoist is lightweight, yet powerful enough for most commercial applications. This hoist features variable speed pneumatic power for spark-resistant applications or where precision and power are key.

Standard Lift: 10' *Longer lifts available.*

Powered By: Air

Manufactured by:



Budgit Series 6000 Air Chain Hoist

Capacity: 1, 2 and 3-tons

What it Does: Budgit Series 6000 Air Chain Hoists are large frame air chain hoists featuring continuous duty service for precise, infinitely variable speed and accurate load spotting.

Standard Lift: 10' *Longer lifts available.*

Powered By: Air

Manufactured by:



Budgit Series 2200 Air Chain Hoist

Capacity: 1/2-ton

What it Does: Budgit Series 2200 Air Chain Hoists are small frame air chain hoists featuring accurate load spotting for specialized lifting applications.

Standard Lift: 10' *Longer lifts available.*

Powered By: Air

Manufactured by:



Wire Rope Hoists



Yale Global King & Shaw-Box World Series Wire Rope Hoists

Capacity: 1-ton to 20-tons

What it Does: These hoists are a signature wire rope hoist which is one of the industry's premier variable frequency drives. These best-in-class VFD hoists allow for greater speed adjustment, improved load control, higher duty cycles and increased hoist life.

Standard Lift: 60' *Longer lifts available.*

Manufactured by:



Yale Cable King Electric Wire Rope Hoist

Capacity: 10-tons

What it Does: Yale Cable King hoists have a well-deserved reputation for superior performance, low maintenance, and longevity in heavy-duty applications. The Yale Cable King continues to be a highly customizable hoist and can be optimized for your specific application requirements.

Standard Lift: 30'

Manufactured by:



Spacemaster SX Wire Rope Hoist

Capacity: 1/2-ton to 80-tons

What it Does: R&M's Spacemaster SX wire rope hoist comes standard with everything you need to work quickly and safely. This wire rope hoist can meet your every lifting demand and comes in configurations including normal headroom, low headroom and double girder designs.

Standard Lift: 320' *Longer lifts available.*

Manufactured by:



SH Wire Rope Hoist

Capacity: 1,102 lbs to 55,115 lbs

What it Does: The SH wire rope hoist from STAHL CraneSystems is one of the best hoists in the world. Compact, powerful and particularly maintenance-friendly.

Stationary or with one of the many travel carriages - crane builders and system builders alike will always find a suitable solution among the SH modules.

Manufactured by:



Balancers

Air Balancers

Air Balancers are designed to assist in ergonomically transferring loads, up, down or balance “float” product safely and efficiently. Ideal for repetitive, high cycle tasks, Air Balancers are a cost-effective solution that will significantly increase production within your facility by leveraging a zero gravity movement of tools or materials.

Features such as the load float, allow users the ability to slowly and precisely place parts/materials into position. This is ideal for precise and accurate work which is one of the many benefits of Air Balancers. Depending on your specific application, Air Balancers are an ideal ergonomic solution for either repetitive, high cycle tasks or precise “slower” applications. Air Balancers operate within a capacity range of 50 to 363 lbs.

Intelligent Lifting Devices

Intelligent Lifting Devices combine the industry's finest, thoroughly proven, mechanical balancing technology with the intelligence of precise, reliable electronic controls. This innovative combination provides operators with a safe, ergonomically beneficial, and highly flexible solution that can enhance productivity and cost savings.

A complete line of end effectors can be used with the controls for greater efficiency. To learn more about which type of Intelligent Lifting Devices will be right for your application, contact one of our expert sales staff. With over 60 years of combined experience with balancers we will ensure you select a balancer that works for you!

Mechanical (Spring Balancer)

Gravity Free Mechanical Spring Balancers are designed for intermediate, heavy, and super-duty, providing a ergonomically sound material handling solution.

Additional Balancer Features

- Precise, strain-free positioning allows an operator to hands-free raise, lower, or shift heavy loads with virtually no resistance.
- Built-in safety features include overload protection and cable recoil breaks.
- Vertical movement is accomplished through the use of ergonomic pendant controls with minimal effort, by colour coded levers.



Crane Compliance



Crane Reliability Study

Unfortunately cranes have a finite service life. Having a crane reliability analysis completed in order to determine how long your crane will remain reliable is an integral process in planning for future capital expenditures.



Periodic Compliance Program

Annual Inspections are required for cranes and are not only mandated, but routinely enforced via inspection blitzes and audits. Our expert Technicians evaluate over 20 mandatory inspection points on this piece of equipment, ensuring your equipment undergoes a rigorous and thorough examination prior to a "safe" status being designated. Our team can also inspect your hoists, hooks, blocks and other pieces of equipment often associated with cranes which fall under B167 inspection requirements with frequency being determined based on equipment designation (A-F).



Frequent Inspection Programs

Depending on the usage of your lifting equipment, i.e. if your crane is under moderate or heavy service (heavy service being determined by constant operation near the maximum load limits and duty cycle), will determine how often your equipment requires inspections. Equipment under heavy or moderate service require more frequent inspections to help to make sure the equipment is safe as it will wear through parts faster than equipment under infrequent or light service.



Hook/Block Analysis

An annual hook analysis using NDT methods can be the difference between a life-threatening failure and a safe lift. Our expert Technicians evaluate over 7 mandatory inspection points on this piece of equipment, ensuring your equipment undergoes a rigorous and thorough examination prior to a "safe" status being designated.

PM Services

We offer 6 inspection plans, based on your current service needs, to ensure your compliance with current OSHA and CSA standards. By scheduling routine repairs, maintenance work and inspections, we will help prevent equipment safety issues, breakdowns and compliance violations but also help avert component failure. These programs also have the added benefit of helping to avoid unnecessary production downtime—saving you both time and money!

Class A & B: Infrequent & Light Service												
Periodic Plan <small>(see NOTE 1 & 2)</small>	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12
Periodic	✓											
PM Plus <small>(see NOTE 1)</small>	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12
PM	✓						✓					
Periodic	✓											
Compliance Plan	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12
Frequent	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PM	✓						✓					
Periodic	✓						✓					

Class C & D: Moderate & Heavy Service												
Periodic Plan <small>(see NOTE 1 & 2)</small>	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12
Periodic	✓						✓					
PM Plus <small>(see NOTE 1)</small>	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12
PM	✓			✓			✓			✓		
Periodic	✓						✓					
Compliance Plan	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12
Frequent	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PM	✓			✓			✓			✓		
Periodic	✓						✓					

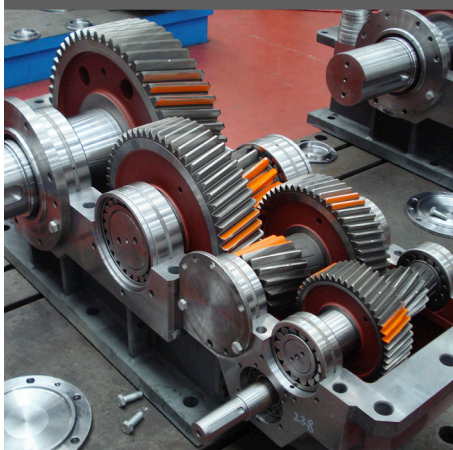
Manufacturer's Recommendations												
Asset Lifecycle Items	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12
Gearbox Analysis <small>Recommended</small>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Inspection, Disassembly & Maintenance will be quoted T&M					Every 5 yrs or 5000 hrs "on" Time							
Other items required per manufacturer will be quoted T&M	As Per Manual	As Per Manual	As Per Manual	As Per Manual	As Per Manual	As Per Manual	As Per Manual	As Per Manual	As Per Manual	As Per Manual	As Per Manual	As Per Manual

- NOTES:**
- NOTE 1: Owner has competent maintenance personnel for frequent inspections.
- NOTE 2: Owner has qualified maintenance personnel (4000h) for preventative maintenance, service and repairs.
- NOTE 3: Crane interval recognition guides are available in CSA B167-16 Annex D or the CMAA Crane Service Classifications standards.
- NOTE 4: Please contact us regarding inspection plans for other crane classes than those shown.



Rope Analysis

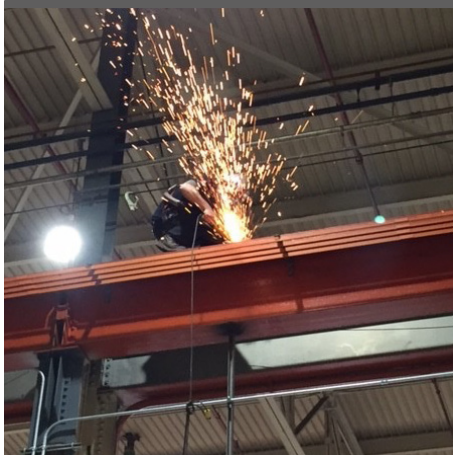
Rope inspection and maintenance is critical to the safety of your workers. A rope failure can be catastrophic and cost your company. Our rope analysis will ensure your rope does not have any internal or external damage. We can provide you with a recommended rope change schedule based on your crane requirements.



Coupling & Gearbox Inspections

The Mechanical Coupling is located between the hoist motor and the hoisting gear case. It is a critical component for the safe operation of cranes and other types of lifting equipment.

The failure of a Hoist Coupling or gearbox has the potential to cause a load to drop. This is an enormous safety concern, demonstrating the drastic need for the part to be regularly inspected and maintained.



Crane Modernization

Take advantage of the latest in technological advances, and upgrade your existing crane to meet your production demands and increase equipment life. Liftsafe's specially trained technicians will perform structural, electrical and mechanical modifications to your crane that will increase its reliability and performance. Fully planned and supervised by our engineering department, conversions may include upgrades to capacity, speed, lifting height, and classification.



Hoist Replacement

No matter how well you maintain your hoist, it will not last forever, so if your hoist is reaching the end of its productive design life you should consider a replacement.

Liftsafe Engineering and Service Group Inc. has a variety of different hoists, many of which can be retrofitted onto most cranes. Our hoists are pre-engineered in order to allow for easy installation, which helps keep disturbance to your production as low as possible.

It's the Law

As per the Ontario Occupational Health & Safety Act it is law that all operators of Overhead Cranes and Lift Trucks are trained and deemed to be competent operators.



Are Your Employees Properly Trained?



Overhead Crane Training Course

Theory

- Crane and Hoist legislation and OHS requirements
- Identification of different cranes and hoists, common components and their functionality, safety devices and equipment terminology
- Operator's functional check
- Operator Daily log books
- Load handling and basic rigging principles
- Facility-specific information
- Manufacturer specific information
- Internationally recognized hand signals

Practical

This section will include hands-on operation of the equipment while handling the load. An evaluation will be conducted with each participant in order for them to be deemed competent as per Ontario Occupational Health & Safety Act.

Lift Truck Training Course

Theory

- Applicable legislation and OHS requirements for lifting devices
- Identification of different types of lift trucks, common components and their functionality, safety devices and equipment terminology
- Operator's functional check
- Operator Daily log books
- Load handling and safe operating principles
- Facility-specific information i.e. company policies and company or local safety rules
- Manufacturer specific information

Practical

This section will include hands-on operation of the equipment while handling the load. An evaluation will be conducted with each participant in order for them to be deemed competent as per Ontario Occupational Health & Safety Act.

LIFTSAFE FALL PROTECTION INC.

Why Liftsafe Fall Protection Inc.



Designed to Meet or Exceed Fall Protection Safety Standards



Industry Leader in Fall Protection Solutions



Design and Engineering Team



Work With You To Determine Your Specific Requirements



Turn-Key Fall Protection Solutions



Innovative Solutions

Providing Fall Protection Solutions

Around the World



RoofGuard

RoofGuard is a non-penetrating rooftop guardrail solution designed to keep your workers/contractors safe when working on rooftops.



GSE

At Liftsafe Fall Protection Inc. our Ground Support Equipment is designed to access maintenance areas of any aircraft safely and securely by providing products that are engineered with reliability and knowledge of Aviation industry requirements.



Netting Solutions

When it comes to fall protection, the use of netting for any type of falling products or people can be a cost-effective and desirable solution with many benefits. Our unique approach to netting applications within many industries has made us the leading expert on netting solutions.



Engineered Fall Protection Solutions

Our Fall Protection Team can engineer out the dangers and risks of working at heights. Liftsafe Fall Protection Inc. will provide a turn-key solution to ensure the safety of the user. We combine proven supplier products with our own designs and fabricated products to provide expert solutions you can't buy off the shelf.



It's the Law

RoofGuard has been designed to meet or exceed all major North American safety standards/regulations including Ontario MOL requirements, ANSI, CSA OSHA, OHSA & WorkSafeBC.



RoofGuard *On the leading edge of safety.*

RoofGuard is a versatile, economical and modular fall protection system designed to protect employees and contractors that have to perform job functions at, or near, the leading edge of a rooftop. These systems require NO penetration of the roof membrane, therefore no leaks down the road.

RoofGuard is a counterweighted system utilizing cast steel baseplates which provide enough weight on the "returns" to meet all requirements of lateral force loading. These rooftop guardrail systems are a "Passive" fall protection system.

RoofGuard is designed to provide site specific coverage (i.e. a single HVAC unit) or it can be designed to provide full or partial perimeter coverage of a rooftop.

RoofGuard comes in a variety of different guardrail systems designed specifically for skylights, roof hatches and moving safely over parapet walls.

RoofGuard Classic

Our RoofGuard Classic guardrail system is a non-penetrating system, designed to eliminate the potential hazard from rooftop falls. With simplicity in mind when developed, this rooftop guardrail system can be quickly and easily assembled and installed onto most rooftops. In order to ensure a quick and easy installation, we designed RoofGuard with a modular design thus allowing for a quick installation that requires no welding, drilling or bolting into the actual roof structure.



Custom RoofGuard Classic

Our RoofGuard Classic system is extremely versatile. RoofGuard can be reconfigured during installation in order to allow for it to work in almost any situation. Our Professional Engineers can visit your facility to ensure that you have a proper design for your rooftop around any hazardous areas. In many cases this system can also be moved in order to cover different areas if work is periodic.

Manufactured by:

ROOF **GUARD**



RoofGuard Classic 9 Foot Kit

This rooftop guardrail system provides 9-feet of leading edge fall prevention, requires no rooftop penetration and can be categorized as a passive fall prevention solution. This fall prevention solution is ideal for providing a reliable fall safety device around HVAC, Vents, near Access Ladders, Antennas, Valves, Solar Panels, or simply near frequently travelled areas that require routine maintenance.

Manufactured by:

ROOF **GUARD**

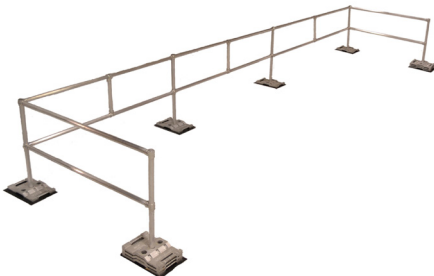


RoofGuard Classic 18 Foot Kit

Our most popular rooftop guardrail system offers 18-feet of leading edge protection with two 6-foot sections for weighted ballast. The hinged, variable fitting in the centre of the 18-foot section allows for complete versatility when setting the systems up. It can be straight, at 90 degrees, or anything in between, depending on the requirements.

Manufactured by:

ROOF **GUARD**



RoofGuard Classic 27 Foot Kit

This passive fall prevention kit offers 27-feet of leading edge protection with two 6-foot sections for weighted ballast. The hinged, variable fitting in the centre of the 27-foot section allows for complete versatility when setting the system up. It can be straight, at 90 degrees, or anything in between, depending on your requirements.

Manufactured by:

ROOF **GUARD**

RoofGuard X-Press Rails

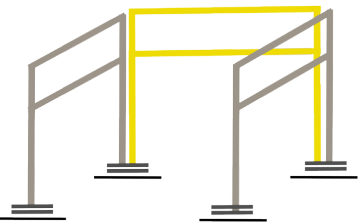
RoofGuard X-Press is a unique, easy to install rooftop guardrail system. This rooftop fall protection system is designed with pre-fabricated rail sections which can be installed and dismantled quickly for temporary applications, without sacrificing quality, durability and most importantly safety.

This unique system gives you the ability to design your own rooftop guardrail solution, allowing you to determine how much linear coverage you wish to cover, from 8 feet to over 100 feet and longer!

RoofGuard X-Press comes in two distinct rail lengths, the 8-foot rail length is powder coated in high-visibility safety yellow and the 6-foot rail sections are powder coated in grey. The reason these colours were chosen is to allow for simplistic assembly. The 8-foot lengths are designed to go on the roof's leading edge and the 6-foot guardrail sections are for the returns/ ballast. The yellow guardrail also serves as a warning sign for workers who get too close to the roof edge, allowing them to always be aware of where the danger is.

NOTE: This system is sold by the rail length.

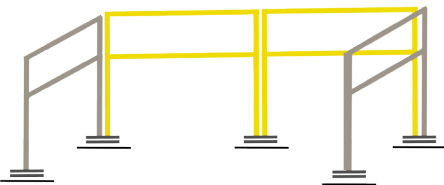
Example Systems:



RoofGuard X-Press Rails 8 Foot Kit

- 1 x - 8-foot Yellow X-Press Rail
(For the Leading Edge)
- 2x - 6-foot Grey X-Press Rail
(Tie-Back/Ballast)
- 8x - RoofGuard Baseplates
(2 per Vertical Post Connection)
- 4x - Rubber Pads
(One per Baseplate Stack)

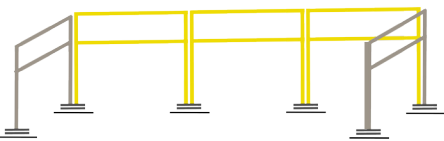
Manufactured by:
ROOF GUARD



RoofGuard X-Press Rails 16 Foot Kit

- 2x - 8-foot Yellow X-Press Rail
(For the Leading Edge)
- 2x - 6-foot Grey X-Press Rail
(Tie-Back/Ballast)
- 10x - RoofGuard Baseplates
(2 per Vertical Post Connection)
- 5x - Rubber Pads
(One per Baseplate Stack)

Manufactured by:
ROOF GUARD



RoofGuard X-Press Rails 24 Foot Kit

- 3x - 8-foot Yellow X-Press Rail
(For the Leading Edge)
- 2x - 6-foot Grey X-Press Rail
(Tie-Back/Ballast)
- 12x - RoofGuard Baseplates
(2 per Vertical Post Connection)
- 6x - Rubber Pads
(One per Baseplate Stack)

Manufactured by:
ROOF GUARD

NOTE: Maximum Span between tie-back/ballasts is 24ft (3, 8ft rails).



RoofStep

RoofStep is a unique and innovative rooftop guardrail system which enables you to safely move over rooftop elevation changes including parapet walls. These fall prevention systems come in several different styles of kits and are designed to have the engineered ladders on the face and back of the parapet walls and a platform over the parapet area in order to help protect the sensitive roof membrane or coping material from damage.

RoofStep Ladder Series (LD):

The ladder series is designed specifically to allow workers to move from one level of a roof to another.

RoofStep Crossover Series (XS):

The crossover series in comparison is designed to allow for the safe movement of workers on your roof. The rooftop crossover platform will enable your workers to be able to safely move up and over obstructions on similar roof levels, and have a 45-degree bracing on both sides of the system to allow for stability.



RoofStep 5-5 XS (Crossover Series)

This RoofStep System goes up 5 feet and down 5 feet and has a diagonal bracing on the upper and lower sides for stability and includes a 36" long platform which is connected between the top two rungs.

Designed to Go: 5Ft Up Wall Face, 3Ft Platform Over Parapet, 5Ft Down Back

Dimensions: 9'-4" x 15" x 18"

Unit Weight: 560 Lbs

Manufactured by:

ROOF GUARD



RoofStep 5-4 XS (Crossover Series)

This RoofStep system allows you to safely move over elevation changes by allowing to safely move up 5 feet and down 4 feet. It has a diagonal bracing upper and lower bar for stability and includes a 36" long platform which is connected between the top two rungs.

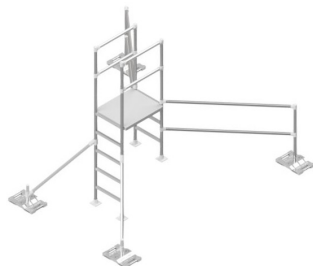
Designed to Go: 5Ft Up Wall Face, 3Ft Platform Over Parapet, 4Ft Down Back

Dimensions: 9'-4" x 15" x 18"

Unit Weight: 555 Lbs

Manufactured by:

ROOF GUARD



RoofStep 5-3 LD (Ladder Series)

Safely move over parapet walls and other changes in elevation with this RoofStep system. This fall prevention system allows you to move up 5 feet and down 3 feet and has 6-foot guide rails on the upper levels to prevent falls to the lower levels from occurring.

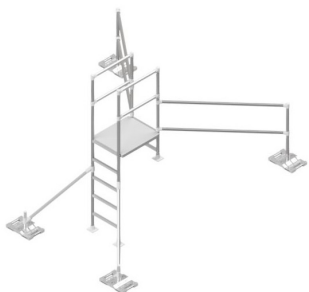
Designed to Go: 5Ft Up Wall Face, 3Ft Platform Over Parapet, 3Ft Down Back

Dimensions: 9'-4" x 15" x 18"

Unit Weight: 620 Lbs

Manufactured by:

ROOF GUARD



RoofStep 5-2 LD (Ladder Series)

Safely moving across your roof has never been easier with this RoofStep system, which enables you to maneuver across rooftop elevation changes. This rooftop guardrail system allows you to move up 5 feet and down 2 feet and has a 6 foot guide rail on the upper levels to help prevent falls from occurring to the lower levels.

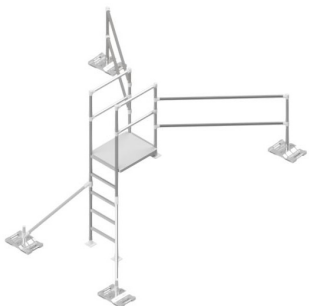
Designed to Go: 5Ft Up Wall Face, 3Ft Platform Over Parapet, 2Ft Down Back

Dimensions: 9'-4" x 15" x 18"

Unit Weight: 615 Lbs

Manufactured by:

ROOF GUARD



RoofStep 5-1 LD (Ladder Series)

Step safely across your rooftop with this RoofStep system. This fall prevention system will enable you to move up 5 feet and down 1 foot and has 6 feet of guide rail on the upper levels in order to prevent falls from occurring.

Designed to Go: 5Ft Up Wall Face, 3Ft Platform Over Parapet, 1Ft Down Back

Dimensions: 9'-4" x 15" x 18"

Unit Weight: 610 Lbs

Manufactured by:

ROOF GUARD



RoofStep 4-4 XS (Crossover Series)

Safely move across changes in elevation with this RoofStep system. This RoofStep system is designed to allow you to move 4 feet up and 4 feet down and has diagonal bracing on the upper and lower sides for stability. This guardrail system also comes with a 36" long platform which is connected between the two top rungs.

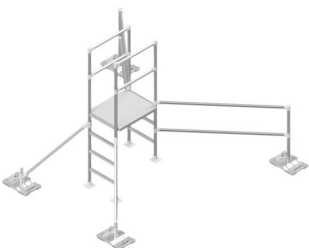
Designed to Go: 4Ft Up Wall Face, 3Ft Platform Over Parapet, 4Ft Down Back

Dimensions: 9'-4" x 15" x 18"

Unit Weight: 550 Lbs

Manufactured by:

ROOF GUARD



RoofStep 4-3 LD (Ladder Series)

Use this RoofStep system to safely move over not only parapets, but also any other changes in elevation that you may be presented with. This RoofStep system is designed to allow you to move up 4 feet and down 3 feet on the roof with 6-foot guide rails on the upper levels to prevent falls from occurring to the lower levels.

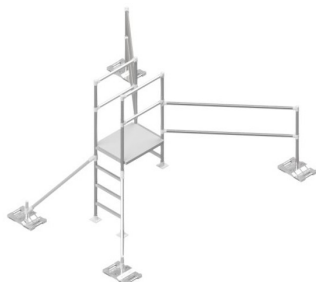
Designed to Go: 4Ft Up Wall Face, 3Ft Platform Over Parapet, 3Ft Down Back

Dimensions: 9'-4" x 15" x 18"

Unit Weight: 610 Lbs

Manufactured by:

ROOF GUARD



RoofStep 4-2 LD (Ladder Series)

Move over rooftop obstructions and other changes in elevation with this RoofStep system. Designed to allow you to move 4 feet up and down 2 feet, this fall prevention system also comes with 6-foot guide rails on the upper levels in order to prevent falls from occurring to the lower levels.

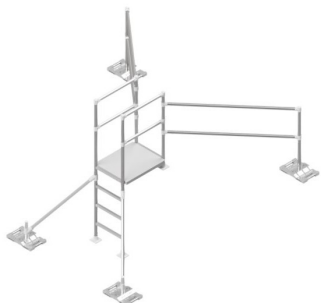
Designed to Go: 4Ft Up Wall Face, 3Ft Platform Over Parapet, 2Ft Down Back

Dimensions: 9'-4" x 15" x 18"

Unit Weight: 605 LBS

Manufactured by:

ROOF GUARD



RoofStep 4-1 LD (Ladder Series)

Allow your employees to move safely across rooftop elevation changes with this RoofStep system. Designed to allow the movement of 4 feet up and 1 foot down this guardrail system with its 6-foot guide rails on the upper levels will help you to keep your employees safe.

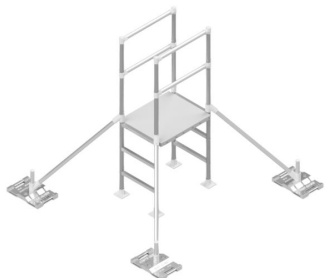
Designed to Go: 4Ft Up Wall Face, 3Ft Platform Over Parapet, 1Ft Down Back

Dimensions: 9'-4" x 15" x 18"

Unit Weight: 600 Lbs

Manufactured by:

ROOF GUARD



RoofStep 3-3 XS (Crossover Series)

Safe movement across rooftop elevation changes is possible with this RoofStep system. This rooftop guardrail system will allow you to move 3 feet up and 3 feet down, and has diagonal bracing on the upper and lower sides for stability, and includes a 36" long platform.

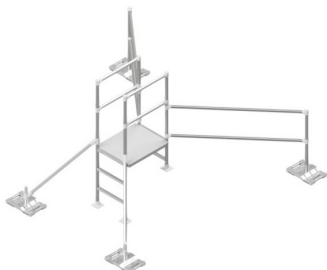
Designed to Go: 3Ft Up Wall Face, 3Ft Platform Over Parapet, 3Ft Down Back

Dimensions: 9'-4" x 15" x 18"

Unit Weight: 540 Lbs

Manufactured by:

ROOF GUARD



RoofStep 3-2 LD (Ladder Series)

Ensure you put safety first with this RoofStep system which is designed to allow you to safely move over elevation changes on your rooftop. This guardrail system will allow you to move 3 feet up and 2 feet down and has 5-foot guide rails on the upper levels to prevent falls from occurring on the lower levels.

Designed to Go: 3Ft Up Wall Face, 3Ft Platform Over Parapet, 2Ft Down Back

Dimensions: 9'-4" x 15" x 18"

Unit Weight: 605 Lbs

Manufactured by:

ROOF GUARD

RoofStep 3-1 LD (Ladder Series)

This RoofStep system is designed to allow you to safely move over obstacles that may be present on your rooftop such as parapet walls. This particular rooftop fall prevention device is designed to allow you to move 3 feet up and over the obstacles and one foot down, back onto the rooftop and has 6-foot guide rails on the upper levels which will help to prevent falls to the lower levels.

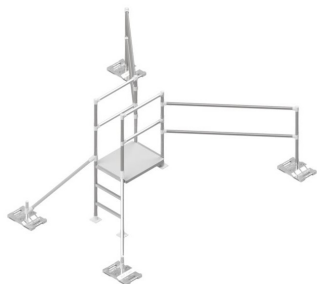
Designed to Go: 3Ft Up Wall Face, 3Ft Platform Over Parapet, 1Ft Down Back

Dimensions: 9'-4" x 15" x 18"

Unit Weight: 600 LBS

Manufactured by:

ROOF GUARD

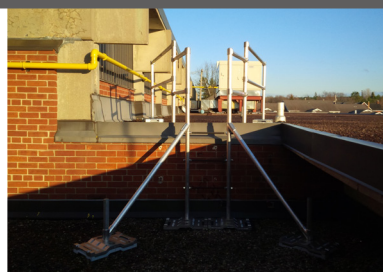


Custom RoofStep

Allow your employee the ability to cross over any obstacle on your rooftop. Our custom designed RoofStep systems are the perfect solution to avoid slips, trips and falls.

Manufactured by:

ROOF GUARD



Additional RoofGuard Systems



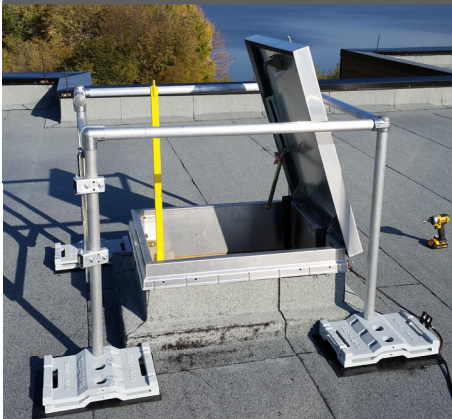
Skylight Guardrail

Designed specifically to address fall protection concerns without minimizing light from your skylights, this rooftop guardrail system allows for the optimum use of your skylight while ensuring that it does not become a fall protection liability.

Our skylight guardrail systems are freestanding and utilize our counter weighted baseplates, eliminating the need for hardware connections to your rooftop.

Manufactured by:

ROOF GUARD



HatchGuard

HatchGuard is a freestanding rooftop fall protection system, which is non-penetrating. The simplicity of HatchGuard allows this system to be integrated with virtually all roof openings. HatchGuard systems come standard with a spring loaded gate to ensure that this fall prevention system provides a safe, operating, closed position at all times. Designed specifically to allow for the safe exit and entry of employees onto rooftops the HatchGuard system will be a perfect addition to your rooftop safety systems.

Manufactured by:

ROOF GUARD



RoofWalk

The RoofWalk system is designed to create a sure footed walkway on your rooftop. This fully customizable platform utilizes non-slip materials and is installed above the roof membrane ensuring no damage is being done while it is being utilized. Utilizing our counter weighted baseplates and RoofGuard rails, this system can be tailored to any flat roof application, providing safer access to any work space by eliminating slipping and fall hazards. Engineered for safety and built economically the RoofWalk system is a must on any rooftop where constant roof access is required.

Manufactured by:

ROOF GUARD



RoofGuard Crossover

Eliminate the potential of rooftop trip hazards over piping and other rooftop obstructions with RoofGuard Crossover. This anti-skid walkway is designed in order to allow workers to safely move over obstructions located on the same roof level. With the addition of this pathway on your rooftop, you will be able to extend the life of your roof, and prevent any damage from occurring to piping and other obstructions that are located on it.

Manufactured by:

ROOF GUARD



RoofGuard Restraint Anchor

The RoofGuard Restraint Anchor is designed specifically for individuals working near the roof edge. This portable system is a non-penetrating counterweight anchor and allows for users to have the flexibility needed to place anchor points exactly where they need them. This system will allow for safe work near the roof edge to occur and can be attached to the user's lanyard. Applying the same counter weighted technology as our Rooftop Guardrail System, we utilize our stackable 40lb baseplates to create temporary restraint anchors that meet the minimum 2kN requirements.

Manufactured by:
ROOF GUARD

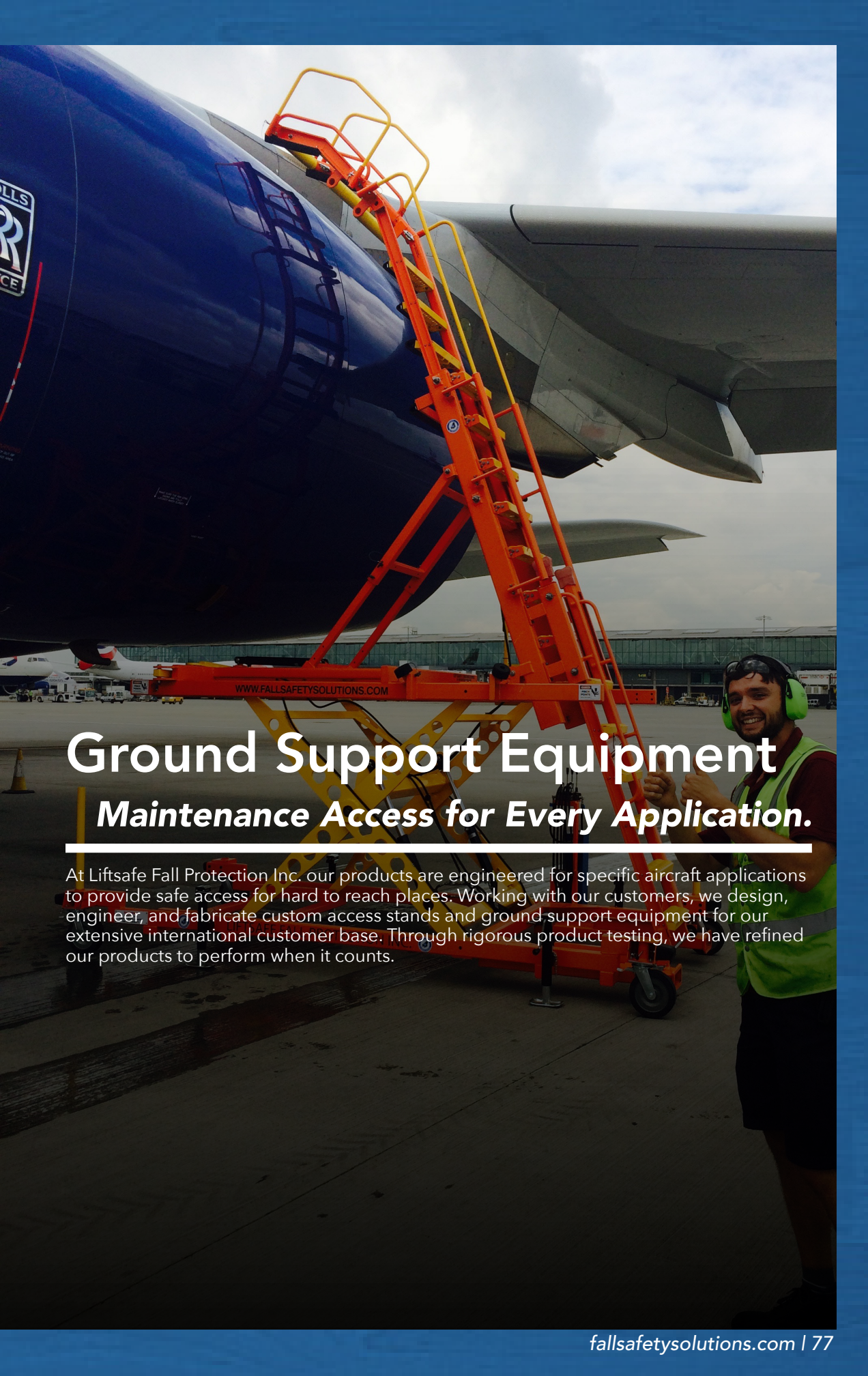


Warning Line System

Warning barriers and bump lines prevent falls by alerting workers to fall hazards. Warning barriers and bump lines should be set up around the work area at least 2 metres (6 feet 6 inches) from unprotected edges. When a work area is enclosed by properly installed and maintained warning barriers or bump lines, work inside the area can be done without additional fall protection measures. But anyone outside the area who is working less than 2 metres from the edge must use approved fall protection.

Manufactured by:
ROOF GUARD



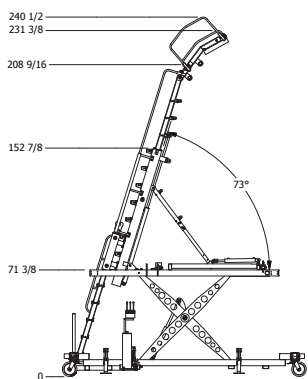


Ground Support Equipment

Maintenance Access for Every Application.

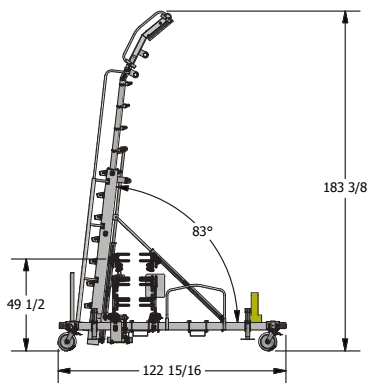
At Liftsafe Fall Protection Inc. our products are engineered for specific aircraft applications to provide safe access for hard to reach places. Working with our customers, we design, engineer, and fabricate custom access stands and ground support equipment for our extensive international customer base. Through rigorous product testing, we have refined our products to perform when it counts.

Ground Support Stands



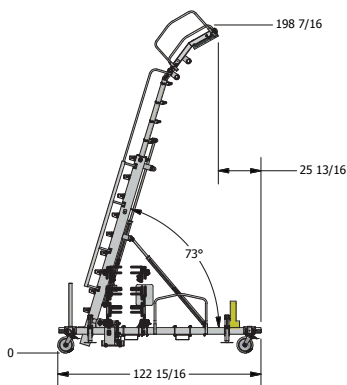
Engine Access Stand: DF071554-06

This stand is designed with an adjustable scissor lift base to give it the height required to access the outboard engines on the A380, B747, A340 series, A400 etc. As with all our stands, we use anti-fatigue ladder rungs rather than narrow ladder rungs. This ensures comfort when using the stands to change LRU'S, adjust components, or connect/disconnect engines and nacelles. Functionality improvements include outboard engines and pylon access (A380, A340 and B747-8), as well as avionics and aft-fuselage access points. Currently in use at multiple operators, MRO'S and aircraft manufacturers.



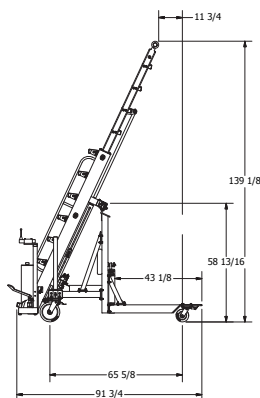
Engine Access Stand: DF071554-07-08

The stand facilitates safe access to nose cowl, fan cowl and pylon disconnect zones on PW, GE and RR engines, providing a safe working solution to many of the traditionally difficult under-cowling maintenance locations. The unit is also designed to safely access the same points outside of cowling, specifically forward and aft pylon service points, as well as hard to reach refuel panels and under-wing areas. The hydraulic pitch and height adjustment allow for the diverse angles and height requirements frequently used when servicing aircraft. This product is currently in use at multiple operators, MRO'S and aircraft manufacturers.



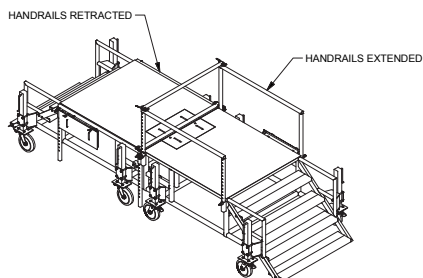
Engine Access Stand: DF071554-07-10

This stand was specifically designed for the A350 and the B777. We use anti-fatigue ladder rungs rather than narrow ladder rungs to ensure comfort when using the stands to change LRU'S, adjust components or connect/disconnect engines and nacelles. Design improvements include a lighter stand utilizing a smaller footprint and greater geometry for optimum usage. The height and angle adjustments on this stand allow for diverse angle and height changes frequently required when servicing aircraft. The unit contains extensive aluminum construction for easy movement and a corrosion-resistant powder coat finish for longevity.



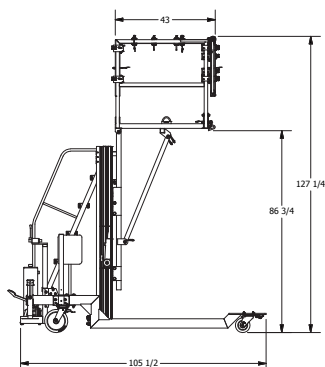
Landing Gear Access Stand: DF071592-04

The Landing Gear Access Stand provides safe access to all maintenance locations of the main and nose landing gear. The base frame is designed to adjust to most wheel assembly configurations on main and nose gear. The hydraulic height adjustment, one hand lateral operation and full swivel and lock casters allow single technician placement and use. The Landing Gear Access Stand utilizes anti-slip, anti-fatigue ladder rungs and fall restraint anchorage on the upper ladder. A corrosion resistant powder coat finish ensures the longevity of the stand. Lift truck fork pockets are included in the base frame for easy relocation.



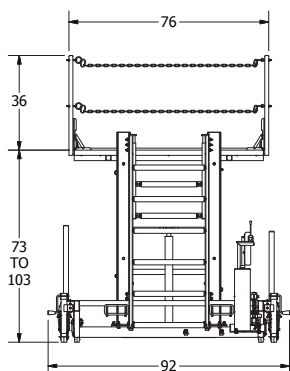
Landing Gear Change Stand: DF071559-01

In our continuous effort to provide our valued customers with the highest quality products, we developed the Landing Gear Change Stand. This set of stands creates the safest, most efficient solution in accessing the landing gear and wheel wells areas. These units can be built to meet the requirements of any aircraft landing gear scenario. The Landing Gear Change Stand is an adjustable-height maintenance platform designed for service on landing gear struts and wheel bay access positions. The platform can be used either as a set or separately, based on the work to be performed. The platform is easily maneuvered with telescoping handrails, while being fully compliant with global standards and regulations.



Wheel Well Access Stand: DF071556-03

The Wheel Well Access Stand has been designed for maintenance access points for a multitude of aircraft. The lowered position is designed to clear wheel well entry points and has been tested and is operational on both Airbus and Boeing wide body aircraft, including the B757. The unit is in service at a multitude of operators, MRO'S and manufacturers. Optional telescopic side rails ensure safety compliant access to the forward and aft lower cargo holds. The Wheel Well Access Stand is hydraulically actuated via an ergonomically positioned foot pump and has collapsible guardrails. This stand has anti-fatigue ladder steps thereby ensuring safety of your maintenance staff.

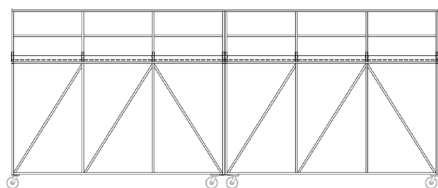


Wheel Well Access Stand: DF071556-03XP

The Wheel Well Access Stand XP has been designed for maintenance access for a multitude of aircraft, requiring a safe platform for two person use. The lowered position is designed to clear wheel well entry points and the design has been tested and is operational on both Airbus and Boeing wide body aircraft, including the B757. The unit is in service, at a multitude of operators, MRO'S and manufacturers. Optional telescopic side rails ensure safety compliant access to the forward and aft lower cargo holds. The Wheel Well Access Stand XP is hydraulically actuated via an ergonomically positioned foot pump and has collapsible guardrails. The stand includes anti-fatigue ladder steps ensuring the safety of your maintenance staff.

Custom Platforms

Liftsafe Fall Protection Inc. designs, engineers and fabricates custom aircraft maintenance platforms, access stands and ground support equipment. Working with our customers, our solutions are engineered for specific aircraft, to provide reliable and durable fall protection compliant units. We custom design maintenance platforms in order to suit customer requirements. These platforms are always designed in order to meet or exceed the applicable required safety regulations. Personnel safety, accessibility, modular construction, maintenance, and ease of set-up for re-configuration are often key factors included within the design of these platforms.





Netting Solutions

We offer a complete line of netting solutions that are designed to keep you safe! Our extensive line of netting includes RackGuard Netting, Truck Netting, Conveyor Netting, Oil Pit Netting, Athletic Netting and Construction Netting. Our trained sales force will work with you to determine what your specific requirements are, and design a netting application that meets your needs.



RackGuard Netting Systems

RackGuard netting is a cost-effective, engineered solution designed to make warehouses safer for employees and visitors alike. RackGuard is installed on the back of storage racking to protect aisle ways, work areas and machinery from products that may become dislodged and fall to the ground below.

RackGuard is an engineered “system” consisting of load-rated netting panels, custom engineered offset brackets, engineered frame extensions (when needed), aircraft cable and related rigging hardware. The netting panels are custom made to size to accurately fit each and every different racking layout. Netting panels that are made-to-measure will provide the safest option for back-of-rack protection. RackGuard netting systems have been designed and tested specifically for industrial racking applications. RackGuard has different netting materials for different load requirements depending on pallet load weights.



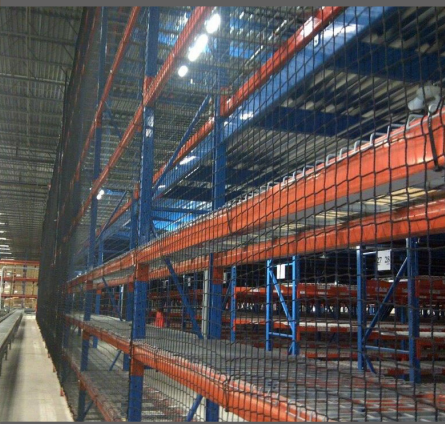
Standard Offset RackGuard Netting System

RackGuard netting systems are typically installed utilizing engineered offset brackets that fit all types of rack frames, from roll formed to structural rack. Standard offset brackets allow for either 4” or 6” pallet overhang, but other options (longer or shorter) are available upon request to accommodate almost any application.



RackGuard Netting System with Frame Extensions

Many storage applications utilize product being stored on the upper load beam of racking systems. In many cases, the result is that the product extends above the height of the rack frame itself. In cases such as these, RackGuard engineered frame extensions allow the customer to extend their netting systems above the limits of their frames to provide coverage up to the top of the product on the upper load beams. Frame extensions have built-in offsets to match the regular offset brackets used at the bottom of the system.



Flushmount RackGuard Netting Systems

Some applications require protection for products that are either loaded onto the beams/shelves by hand or they do not extend outwards over the load beams. With no overhang this system does not require offset hardware. RackGuard has flushmount brackets that allow the cables to be run approximately 1” off the face of the racking, thereby not allowing anything to fall through a gap between the net and the rack system. Another option, for lighter duty systems, is utilizing HD load rated cable ties to secure the net directly to the rack frames / load beams. This method is not recommended for pallet loads.

Truck Netting Systems

At Liftsafe Fall Protection Inc. we recognize the challenges facing the transportation industry when it comes to protecting workers while they are loading, tarping or securing loads on flatbed trailers. Many challenges come into play when loading a flatbed trailer such as overhead cranes or tarping outside where overhead lifeline systems can't be implemented. With workplace injuries on the rise as a result of improper loading and unloading procedures, our truck netting systems are designed to protect employees with minimal impact on day-to-day operations.

We have designed three types of truck netting systems, which will help to protect employees during regular day-to-day operations. Our trained sales force can customize our systems in order to meet your specific requirements, so no two applications are exactly the same.



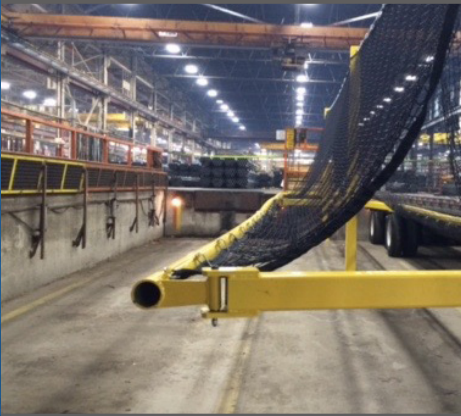
Standard Truck Netting

Our Standard Truck Netting Systems are designed in order to mount directly to your facility's floor for both indoor and outdoor applications, and provides a "soft catch" for personnel who may fall during loading/unloading of materials. Netting systems are custom designed to meet the demands of your facility, while quickly attaching to the bed of the truck, creating a safe working environment.



Portable Truck Netting

Portable Truck Netting Systems have been professionally engineered to provide exceptional fall protection, while allowing facilities the flexibility to move the system as needed. Typical systems integrate weighted bases with fixed vertical columns, netting is attached with wire rope and universal brackets which attach temporarily to the truck. Systems can be positioned with a standard forklift truck, and the netting panel provides a barrier protecting workers from a fall to the ground below. This system is ideal for facilities that require portable safety netting for trucks in multiple locations. These systems are typically used in outdoor applications where customers don't want to have to pour concrete floorings for permanent post locations.



Pivoting Truck Netting

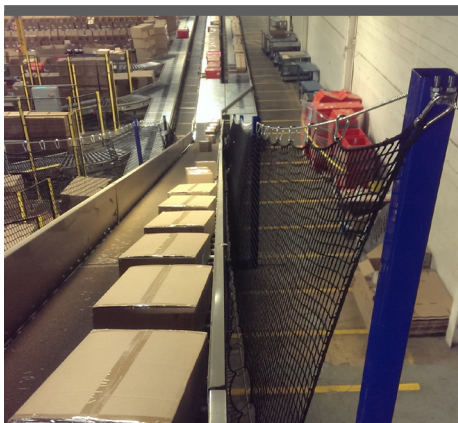
Designed to eliminate fall protection concerns, while maximizing space, our Pivoting Truck Netting Systems are ideal for facilities that require minimal impact on day-to-day operations.

This unique design combines safety with functionality, as this truck netting system can be operated by a single user and provides a soft catch barrier between personnel and the ground. Our Pivoting Truck Netting System has been engineered to expand and compress easily, with no additional set-up required for the netting panel. Arms fold out from the fixed columns creating a safe working environment.

Conveyor Netting

Overhead conveyor safety has been an increasing concern within North America, and forcing companies to look for solutions, which allow for safe working environments without compromising efficiency and productivity.

There have always been four main concerns with overhead conveyor systems: injuries or deaths from falling objects, extensive product loss due to falls, damaged equipment due to product falls and high insurance premiums. Our conveyor netting systems have been engineered in order to address and eliminate all of these concerns.



Floor Mounted Conveyor Netting

One form of industrial conveyors found in warehouses are floor mounted systems. In terms of employee safety, the number one concern is product falling from the conveyor and striking someone below. The second concern is product damage/loss from a product fall. Liftsafe Fall Protection Conveyor Netting Systems can prevent both of these things from happening.



Ceiling Mounted Conveyor Netting

In order to maximize space in warehouses, companies install conveyor systems that are supported from the roof structure. Liftsafe Fall Protection Inc. provides conveyor netting systems that tie into the support structure to provide complete side coverage as well as underneath coverage to catch product as well as items such as conveyor rollers, from falling to the ground below.



Additional Netting Systems



Oil Pit Netting

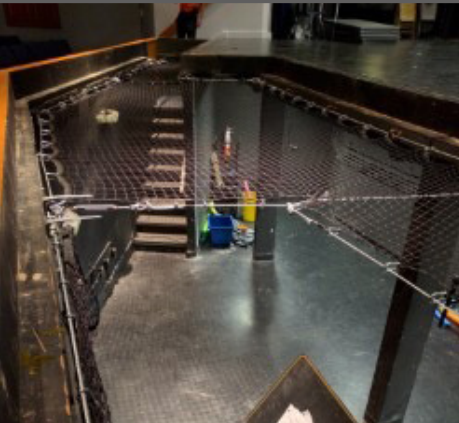
Fall hazards are a major concern when an opening in the floor is not properly protected. According to Ontario Ministry and OHSA fall protection regulation, such openings must be guarded or covered when not in use.

Our Oil Pit Netting Systems will be specifically designed in order to suit your application and will provide a reliable solution with minimal impact on day-to-day operations. Our unique design allows for easy movement of the netting to open and close the bay when not in use.



Athletic Netting

Liftsafe Fall Protection Inc. can provide netting and rigging components for most recreational/athletic applications such as driving ranges/golf or baseball.



Orchestra Pit Netting

Keeping the action on stage where it belongs, these Orchestra Pit Netting Systems are custom built to provide vital protection for virtually any size or shape of orchestra pit. Recognized across North America as an essential component of stage safety, these systems are designed in order to meet or exceed OHSA and ANSI standards and are visually non-distracting.



Construction Netting

Liftsafe Fall Protection Inc. can provide Engineered Perimeter netting systems designed specifically for High-Rise construction. These systems utilize a combination of personnel and debris nets along with pre-engineered stations that extend out from the building to catch debris from falling to the ground below. These systems are designed to move up the building as construction proceeds (designed to be no more than 3 floors below the current working level). Architectural and structural layout design is required in order to put together a quote proposal.



Horizontal/Tunnel Netting

Our horizontal rack netting systems are designed to ensure the safety of workers who have to enter racking bays to access product and are at risk of having a box fall from an upper level.

These systems are also used to protect tunnels/ walkways in racking systems from the same safety concerns.



Walkway Netting


Our industrial walkway systems are designed to help ensure employee safety when utilizing walkways. These netting systems are completely customized to your application, which will help to ensure that users are completely protected once the system is in place.



Flue Space Netting

Product damage and loss as a result of falling into the flue space between racking is a growing issue—one that costs companies a lot of money. Installing a netting system in the flue space will help reduce this product loss.





Engineering Services *Design it, Build it, Install it*

At Liftsafe Fall Protection Inc. we know how important it is to get it right, after all it's somebody's life on the line. We have a full team of experts that will provide a safety solution for any fall hazard scenario.

Our Process Includes:

- Consult with Customer
- Review Application
- Engineer Out the Hazard if Possible
- Design a Safe Suitable System
- Use Approved Supplier Products Where Feasible
- Fabricate an Engineered Approved Design
- Install the System with our Fully Licensed and Insured In-House Installers
- Provide a Letter of Compliance
- Train the Users

Engineered Solutions



Tanker Car Access Solutions

Our client was looking for a way to access the tops of many tanker cars on two sets of tracks to unload from the top of the railcars. LFP designed a modified pipe-rack frame for their product, which also supports a runway for a mobile fall arrest cart. The cart can drive along the track and has two gates that can fold down on each side. An overhead rail provides fall arrest. A guardrail was not available that could fit all different styles of railcars, so this solution provides access and protection for all available tank styles. It includes a variable speed drive, powered platforms, and interlocks on all gates to prevent accidental engagement while a platform is lowered.



Lifelines

Among our many lifeline projects was a long-span lifeline for a hydro dam. Due to the potential for large debris (trees, ice jams) during high-water events, no intermediate cable supports could be utilized. The system spans the entire dam with a higher tension system that included heavy-duty end anchors to help keep the cable sag as low as possible. Nearly every horizontal lifeline has a few unique elements that require expertise and a lot of experience.



Ladder Systems

This custom designed railcar access ladder was designed to allow easy access to the tops of several styles of railcars. The unit uses a ramp access to accommodate different heights of cars. It also comes with a winch-operated guardrail system that lowers down over the hatch area of the railcar. When cleaning the tanks with the hatch open, users have access to a man-rated davit/retrieval system. This system is incorporated into the main frame and can be used for emergency extraction and fall protection when entering the tank. The unit can be towed or moved with fork pockets.



Pic Mod Systems

With warehouses and distribution centres getting larger and more automated, the presence of multi-level Pic Mod systems is becoming more prevalent. However, with that comes a concern regarding employee safety. If an employee has to enter a bay to retrieve or pick a box from a pallet, they create a series of fall hazards as the employee gets very close to the edge of the system. Liftsafe Fall Protection Inc.'s engineered rail system allows the worker to tie-off to trolleys that run along the rail and can be positioned at the openings of the bays. This prevents the worker from getting too close to the edge.

PARCS LTD.

Why PARCS Ltd.



*Paperless Inspection
Program*



*Team of Expert
Certified Playground
Safety Inspectors,
Installers and
Licensed Millwrights*



*Work With You To
Meet Your
Specific Needs*



*Expert Repair and
Service Team*



*Turn-Key Service
Provider for All Your
Needs*



*PARCS Ltd. has
\$5 Million Liability
Insurance Coverage
and \$2 Million
Errors and Omission
Coverage!*

Providing Services to Institutions Across Ontario

Facility & Building Services

Outdoor Services

Gymnasium Services

Technology Shop Services

Playground Services

Servicing

Universities

Private Schools

Colleges

Daycares

School Boards

Municipalities

Cities and Townships

Private Business

PARCS Ltd. Scope

01
Gymnasium
Facilities



Benches, Bleachers, Chinning Bar,
Floors & Sockets, Folding Climbers, Peg Boards,
Retractable and Fixed Basketball,
Volleyball Posts, Wall Mats, Walls/Dividers,
Weight Room Equipment

02
Gymnastic
Equipment



Balance Beams, Floor Mats, Parallel Bars,
Pommel Horse, Rings, Take-Off Boards,
Trampoline, Uneven Bars, Vaults

03
Lifting
Devices



Automotive Hoist, Axle Stands, Car Dolly, Chainfalls,
Engine Hoists, Engine Stands, Floor Crane,
Floor Jacks, Forklifts, Frame Puller, Man Lifts,
Motorcycle Lift, Overhead Cranes, Pipe Bender,
Scaffolding, Scissor Lift, Shop Press, Tire Changer

04
Outdoor
Facilities



Benches, Bleachers, Fences, Fixed Access Ladders,
Flag Poles, HatchGuard, Light Poles, Play Surfaces,
RoofGuard, Soccer Goals, Softball Backstops

05
Recreation Facility
Audit



Hockey, Indoor Soccer, Scoreboards, Shot Clocks,
Skateboard Park, Pool Facilities, Walking Tracks

06
Stage/Production
Equipment



Curtains, Display/Props, Folding Stages,
Lighting Supports, Rigging Equipment,
Structural Integrity, Ladders, Platforms

07
Special Needs
Equipment



Attendant Lifts, Slings, Beds,
Track Systems, Pool Lifts

08
Tech Shops/
Machine Guarding



Hazard Assessment, E-Stops, Machine Guarding,
Safety Signage

09
Children's Playground
Equipment & Spaces



Playgrounds, Stand-Alone Play Equipment,
Surface Attenuation Testing, Installation, Repair,
Roto-Tilling, Retrofit, Surfacing



Facility and Building Services

We offer a wide variety of facility and building services from inspections of special needs equipment and overhead doors to repairs of divider walls and loading docks and even the installation of fixed access ladders and fall arrest systems!

Facility and Building Services



Fixed Access Ladders

What we do:



Inspect



Repair



Install



Fall Arrest Systems/Roof Anchors

What we do:



Inspect



Repair



Install



Special Needs Equipment

What we do:



Inspect



Repair



Loading Docks

What we do:



Inspect



Repair



Overhead Doors

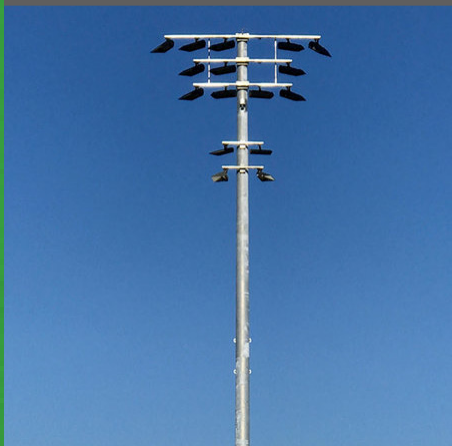
What we do:



Inspect



Repair



Light Poles

What we do:



Inspect



Repair



Benches/Bleachers

What we do:



Inspect



Repair



Install



Divider Walls

What we do:



Inspect



Repair



Install



Outdoor Services

Ensuring your recreational facilities are ready for use all year round should be your top priority. Since 2001, PARCS Ltd. has been installing, repairing and maintaining not only playgrounds but also flag poles, fences, benches and a variety of other outdoor items.

Outdoor Services



Flag Poles

What we do:



Inspect



Repair



Fences

What we do:



Inspect



Repair



Engineered Wood Fibre Surfacing

This popular form of Playground Surfacing has been directly linked to a drastic reduction in serious playground injuries within Ontario and, in part, is a simple step you can take to make your playgrounds safer. Depths of 30cm have been shown to provide impact properties that comply with the CSA Standard to fall heights well in excess of 3m. Engineered wood fibre contains impact absorbing qualities, provides a slip-resistant surface and, if properly installed, is fully accessible for wheelchairs and strollers.



Synthetic Grass

Synthetic Grass (Turf) products provide safe, high performance surfaces, perfect for playgrounds, soccer and football fields, and indoor sporting facilities. Synthetic Grass is low maintenance, and requires no mowing, watering, and fertilizing ensuring minimal costs associated with upkeep. Although initial installation costs are high, the maintenance and upkeep costs are significantly less than traditional grass fields.



Outdoor Sports Products

What we do:



Inspect



Repair



High Jump/Long Jump Pits

What we do:



Inspect



Repair



Install



Tracks/Fields

What we do:



Inspect



Repair



Softball Backstops

What we do:



Inspect



Repair



Gym and Athletic Facilities

Having properly maintained and up to date gym equipment and athletic facilities are of critical importance, which is why we offer a variety of equipment inspections and repairs to help ensure the safety of the participants.

Gym and Athletic Facilities



Basketball Net Assemblies

What we do:



Inspect



Repair



Install



Volleyball Equipment

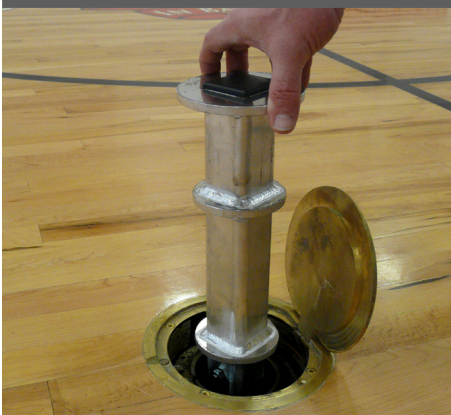
What we do:



Inspect



Repair



Floor Sockets

What we do:



Inspect



Repair



Install



Gymnastic Equipment

What we do:



Inspect



Repair



Climbing Walls

What we do:



Inspect



Repair



Install



Score Boards

What we do:



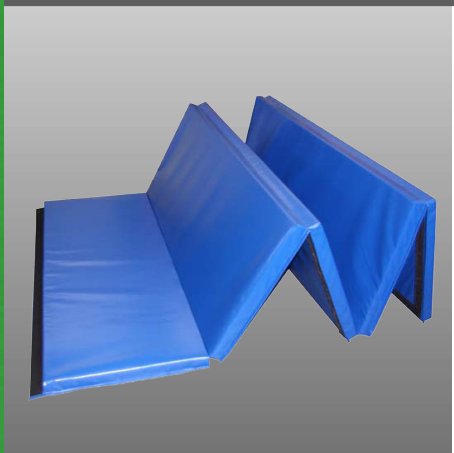
Inspect



Repair



Install



Mats

What we do:



Inspect



Repair



Peg Boards

What we do:



Inspect



Repair



Install



Technology Shop Services

Safety is always a priority in the classroom, but it can be a challenge to incorporate into Auto Shops and Wood Working Shops. Injuries in both Auto Shops and Wood Working Shops continue to be at the forefront of School-related injuries and often result in the more severe and life-threatening injuries. We can help reduce the number of injuries that occur in these classrooms with our Tech Shop Services, from Machine Guarding to Audit and Consulting Services. We can help make your classrooms safe.

Technology Shop Services



Automotive Shop Audits

What we do:



Inspect



Repair



Machine Guarding

What we do:



Inspect



Repair



Install



Kitchen Appliances

What we do:



Inspect



Jacks

What we do:



Inspect



Repair



Jack Stands

What we do:



Inspect



Repair



Automobile Lifts

What we do:



Inspect



Repair



Install



Tire Balancer

What we do:



Inspect



Repair



Frame Pullers

What we do:



Inspect



Repair



Manual Chain Hoists

What we do:



Inspect



Repair



Install



Electric Hoists

What we do:



Inspect



Repair



Install



PM Plus Maintenance Program

Minimize ongoing maintenance costs by enrolling in our PM Plus program.

PARCS Ltd.'s customized preventative maintenance program monitors and prevents equipment failure. By scheduling routine repairs, maintenance work and inspections, we will help to prevent equipment safety issues, breakdowns and also prevent component failures. This averts unnecessary downtime—saving you time and money.

CAUTION

PLANER GUARDING INSTRUCTIONS

WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT

TO MAKE ANY CHANGES TO ANY GUARDING PLEASE FOLLOW THE DIRECTIONS BELOW:

LATERAL GUARD CHANGES:

- Loosen yellow nuts using 5/16" wrench when raising or lowering the work table guard
- Tighten yellow nuts to guard when desired height is reached

WARNING: DO NOT PROCESS ANY MATERIAL THROUGH THIS MACHINE THAT IS SHORTER THAN THE MANUFACTURER'S RECOMMENDATION OF 12" IN LENGTH

MACHINE LOCKOUT PROCEDURE:

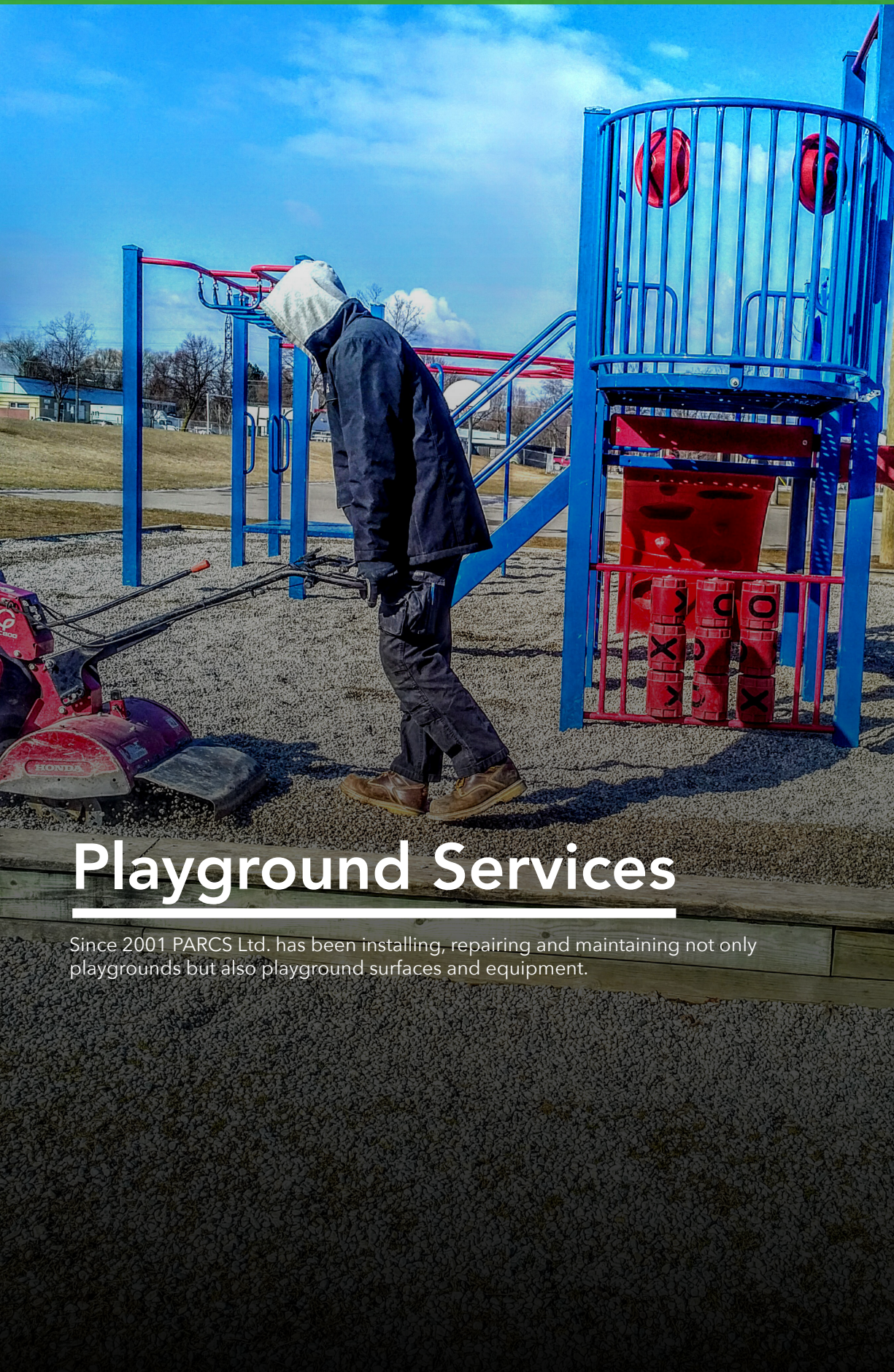
- Lockout a machine when...
- Performing any maintenance on the machine
- Machine is not working properly and requires maintenance

Immediately report all machinery malfunctions to your teacher.

T: (519) 571-4985 W: www.parcs.ca E: info@parcsinspection.com

Machine Guard Placards

We offer a wide variety of machine guard placards, which you can use to ensure the safety of those who use your technical shop equipment.



Playground Services

Since 2001 PARCS Ltd. has been installing, repairing and maintaining not only playgrounds but also playground surfaces and equipment.

Playground Services



Roto-Tilling

Worldwide statistics indicate that 55% to 75% of all playground injuries result from falls onto non-compliant compacted surfaces from adjacent play structures. The purpose of the protective safety surfacing is to reduce the number of injuries overall and to protect children from life-threatening or debilitating injuries. Selecting and maintaining your Playground Surfacing is a critical component in securing the safety of children who utilize the playground day after day. Roto-tilling and Surface Impact Attenuation Testing are two vital services we perform to ensure your investment is up to CAN/CSA Z-614-14 Standards.



Replacement Components

PARCS Ltd. partners with elite manufacturers of Recreational and Facility parts and products, offering trusted and proven components ensuring your equipment is safe. We offer replacement and new parts, complete install and if necessary re-inspection services.



Playground Maintenance Programs

Playgrounds are often a main attraction for children; make sure they are always ready with a playground maintenance program. We can plastic weld most burn holes or cracks, remove any graffiti, tighten fasteners and clean/lubricate moving parts to keep your playground in top shape. PARCS Ltd. specializes in vandalism repairs; our quick turn-key service will get your Playground back into use in no time.



Retrofitting

A retrofit of an existing Playground is a viable and cost-effective way to modernize your existing structure, while increasing not only the safety of the system but accessibility as well. Retrofitting your Playground is one method in which you can bring your existing structure up to safety standards while reducing the impact on the environment. This method is common in Schools, Municipalities and Parks as an affordable alternative to replacing outdated playgrounds.



Playground Borders

Playground borders help ensure your playground surface stays within the playground area. PARCS Ltd. can supply and install playground borders to help you maintain your playground surfacing. We offer borders made out of wood or plastic.



Relocations of Playground Equipment

When it comes to relocating a playground, don't leave this work to just any contractor. PARCS Ltd. is an expert in this field; we will ensure your equipment is properly removed and reinstalled, taking care not to damage your equipment and ensuring it is compliant when reinstalled.

Improperly installed playgrounds present severe risks to students, the community and facilities that maintain them.



Playground Installations

Since 2001, PARCS Ltd. has been installing playgrounds throughout Ontario in Schools, Parks, and Municipalities. Our certified and trained technicians meet or exceed all playground installation requirements and uphold strict company policies on safe working environments. We take extra steps to ensure that during an installation all equipment is protected and that the area is properly and safely secured.



Playground Accessibility and Inclusivity

When designing and approving your playground design, it is critical to consider all types of special needs: physical, sensory, mental, emotional and social. Sensory stimulation can be achieved through the use of bright colours, signs, pictures and varying textures. Surfacing is a critical component of any playground, as you should aim to achieve two objectives simultaneously; provide adequate surfacing for potential falls as per CSA Standards, and improve accessibility for children in wheelchairs or other mobility aids. Poured-in-place synthetic surfacing, engineered wood fibre and rubber improve accessibility whereas sand and pea gravel may decrease accessibility.

R&D ERGO LTD.

Focused to Help You to



Reduce Costs



Eliminate Injuries



Improve Productivity

Why R&D Ergo Ltd.



*Work With You To
Determine Your
Specific
Requirements*



*Design and
Engineering Team*



*Designed to Meet or
Exceed Safety
Standards*



Innovative Solutions



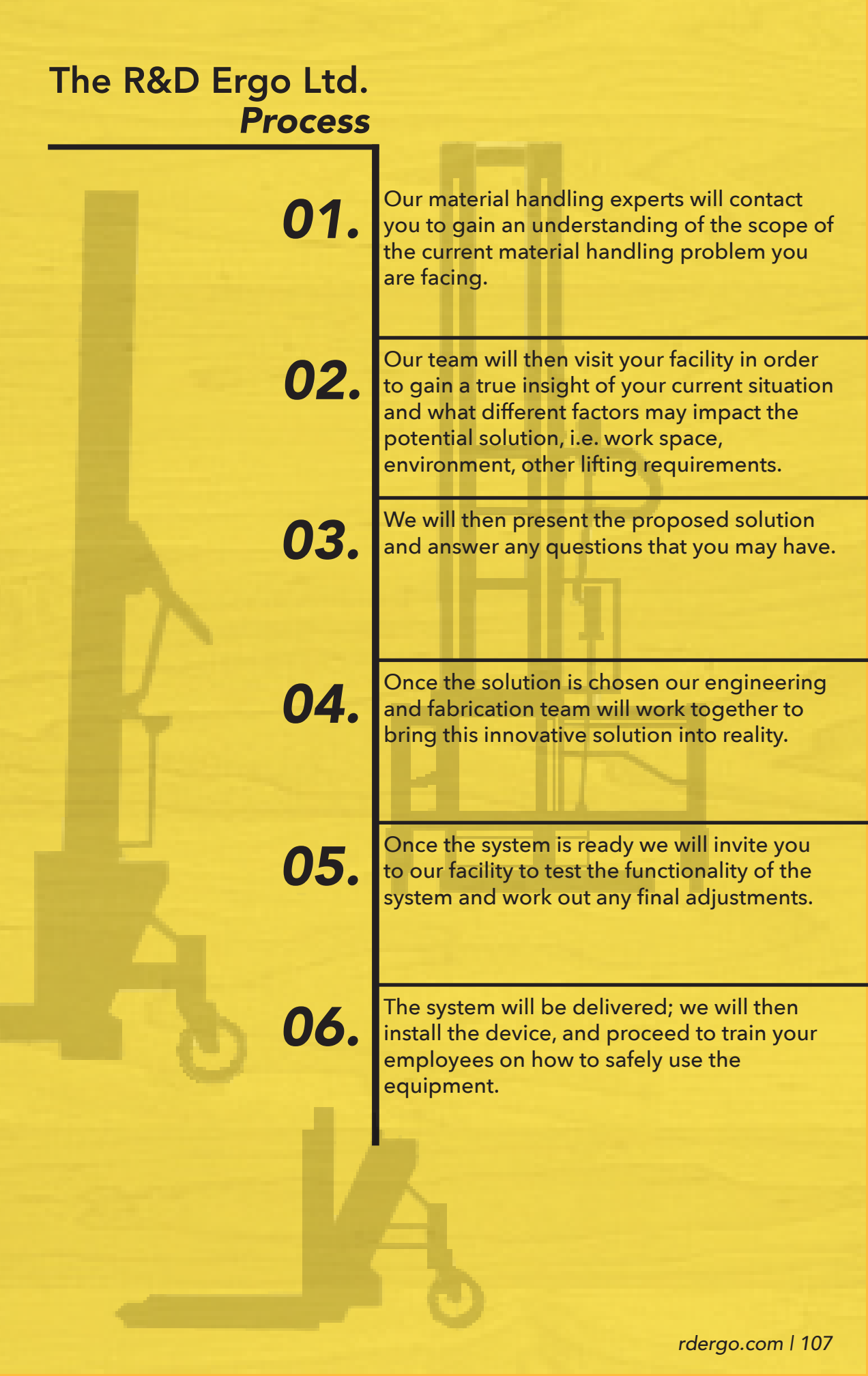
*Industry Leader in
Material Handling
Solutions*



*Ergonomic Device
Design, Fabrication
and Installation*

The R&D Ergo Ltd.

Process

- 
- 01.** Our material handling experts will contact you to gain an understanding of the scope of the current material handling problem you are facing.
 - 02.** Our team will then visit your facility in order to gain a true insight of your current situation and what different factors may impact the potential solution, i.e. work space, environment, other lifting requirements.
 - 03.** We will then present the proposed solution and answer any questions that you may have.
 - 04.** Once the solution is chosen our engineering and fabrication team will work together to bring this innovative solution into reality.
 - 05.** Once the system is ready we will invite you to our facility to test the functionality of the system and work out any final adjustments.
 - 06.** The system will be delivered; we will then install the device, and proceed to train your employees on how to safely use the equipment.

A red robotic arm with a corrugated white vacuum hose attachment is lifting a large brown cardboard box. The arm is positioned vertically, and the box is being held by the vacuum. In the background, a yellow overhead crane with a "SPANCO 250 LBS. CAP." label is visible. The setting is an industrial warehouse with a concrete block wall.

Vacuum Lifting

From heavy box handling to delicate glass maneuvering, vacuum lifters are the perfect material handling solution. Our vacuum lifting systems can be tailored for your application with custom settings for speed, precision or on power conservation designed to suit your needs.

Vacuum lifters can pick up products ranging in size and shape helping to improve worker safety and efficiency. Vacuum lifters are often used to lift bags, boxes, plates, products, barrels, stackers, pallets and reels.



Anver VT Vacuum Lifter

Capacity: 125 lbs

What it Does: The Anver VT boasts an easy-to-use up and down control system with an easy grip handle. This handle and system can be adjusted to match the operator(s) hand strength and provides a 100% continuous duty cycle. This system features an all-new bag handling pad attachment, designed to move product on pallets and conveyors without bending, stretching, reaching, or lifting.

Manufactured by:



Easyhand T

Capacity: 100 lbs

What it Does: The Easyhand T is an easy-to-use and fast vacuum lifter, which can be worked with one hand to handle loads up to 45 kg. It can be maneuvered easily and with precision with either the left or right hand. The Easyhand T is a unique vacuum handling product that can be used on bags/sacks, boxes/cartons, pails and rolls. Standard features of the Easyhand T include a built-in swivel and 90-degree tilt function.

Manufactured by:



Easyhand M

Capacity: 121 lbs

What it Does: The Easyhand M is a vacuum lifter for loads up to 55 kg. The lifter is designed with a single-hand grip. The lifting and lowering functions are regulated via a control which provides optimal ergonomics, safety and precision. We recognize the needs of your facility are likely highly specific which is why we offer a wide range of standardized grippers and accessories such as; angular toggle joints, quick fasteners, extension parts, and elbow joint handles.

Manufactured by:



Vacuhand V

Capacity: 440 lbs

What it Does: We recognize the needs of your facility are likely highly specific which is why we offer a wide range of standardized grippers and accessories such as; angular toggle joints, quick fasteners, extension parts, and elbow joint handles. The design of the Vacuhand V aims to maintain a minimal level of leakage, which ensures secure performance and a drastic decrease in energy consumption.

Manufactured by:





Drum/Pail Handling

We provide a safer, healthier, more efficient workplace for employees with an extensive line of Barrel and Drum Lifters. Our systems are designed to lift, transport, tilt or rotate Drums and Barrels of various size and weight.

How do you know if a Barrel or Drum Handling System is right for you?

There are numerous signs you can notice in your workplace that will indicate whether or not a Drum or Barrel Handling System is required at your facility. The signs are fairly obvious but are often overlooked in a busy and fast-paced work environment. Here are some common signs or guidelines that may indicate that it's time for you to look for a drum handling system.

What are the Benefits of a Drum or Barrel Handling System?

- Drastic increase in productivity
- Improved ergonomic design
- Injury prevention
- Reduce workers' efforts by decreasing forces in lifting, handling, pushing, and pulling materials
- Reduce risk of musculoskeletal disorders
- Improved morale
- Lower costs compared to fixed systems



93096 Series 19000 EEX D Explosion Proof Barrel Lifter

Capacity: 55 Gallon Drums

What it Does: The 93096 Series, 19000 EEX D Explosion Proof Barrel Lifter gives users the confidence to meet the demands of a job which require the use and movement of explosion prone materials. Not only will this barrel lifter allow for you to ergonomically move a product from one location to the next, but it will also give you the ability to lift, tilt and pour drums safely.

Manufactured by:



12125 Series Forward Tip

Capacity: 400 lbs

What it Does: The 12125 Series Forward Tip is designed for all of our Lift-O-Flex Systems; specifically, for the handling of steel, fibre or plastic drums that require forward unloading (opposed to side unloading). The Forward Tip ties together existing and new components to produce a product that assists in the safe and ergonomic forward rotation of drums and barrels weighing up to 400 pounds.

Manufactured by:



19500S Series Lift-O-Flex

Capacity: 525 lbs

What it Does: The 19500S Series Lift-O-Flex is an Auxiliary Non-Powered Mast Series Ergonomic Lifter. With a lifting capacity of up to 525 pounds, it is a dynamic load handling solution. The flexibility offered by this barrel lifter makes it able to serve all of your ergonomic lifting needs! The use of many standard basic lifter components allows for interchangeability between lifters with regards to the specific customer.

Manufactured by:



Lift'n Buddy Pail Partner

Capacity: 200 lbs

What it Does: The routine handling of 5 gallon pails can cause back strain, fatigue and other musculoskeletal disorders. The Lift'n Buddy Pail Partner is a device that has been specifically designed in order to eliminate these problems. This pail lifting device has a counter balanced 4-wheel design which makes it easy to move and lift pails from and to pallets, tilters, shakers, customer vehicles and countertops without interference of straddle legs.

Manufactured by:





Pail Lifter

Capacity: 200 lbs

What it Does: The Pail Lifter is designed in order to lift and transport 5 gallon pails with ease. With the addition of this unit operators will be able to access an entire stack of pails up to 3' high or any portion of the stack without any need for manual lifting or repositioning. This pail handling unit moves easily onto any indoor or outdoor surface and is freestanding even when it is loaded and raised.

Manufactured by:



Keg Lifter

Capacity: 1 Keg

What it Does: The Keg Lifter is the perfect tool for keg loading, transporting and lifting. This keg lifter has incomparable maneuverability; compact size, powered lift, and ease-of-use handling making it the ultimate material handling tool. This material handling solution can be used for a variety of different purposes such as: in micro-breweries, pubs, restaurants, liquor stores, catering services, arenas, wholesale clubs and many more.

Manufactured by:



PailPro 5-Gallon Pail Handlers

Capacity: 150 lbs

What it Does: These pail handling devices were designed in order to help create proper workplace ergonomics when implemented. This pail handling unit will secure your pail in the holder with minimal effort through the use of a clamp-screw mechanism. The compact base with casters and wheels allows you to easily maneuver through tight spaces and standard doorways.

Manufactured by:



PailPro Can Tippers

Capacity: 75 lbs

What it Does: With the addition of our PailPro Can Tippers, you will be able to control the dispensing from your heavy 5-gallon cans or pails weighing up to 75 pounds. By implementing this pail handling system, you will be able to increase employee safety, reduce the risk of spilling valuable contents and prevent environmental contamination.

Manufactured by:



Drum Cradles and Dollies

Capacity: 700 lbs

What it Does: These Drum Cradles and Dollies have a capacity of 700 pounds and have a rugged angle iron construction with 3" MORTUF polyolefin wheels. These drum cradles and dollies come in a variety of different models; Model 40 is a 55-gallon steel drum and Model 40-30 is a 30-gallon steel drum.



Manufactured by:



2-Wheel Drum Trucks

Capacity: 1,000 lbs

What it Does: These drum trucks are designed to be ergonomic and easy to use, with a trim and strong all steel construction. With the addition of this drum handling system you will be able to quick start transporting drums throughout your facility.



Manufactured by:



Drum Palletizers with a Geared Tilt

Capacity: 600 lbs

What it Does: These drum handling units are available with an AC, DC or Air Powered Drum Lift. This state-of-the-art design is a combination of the V-shaped base to serve the corner of a pallet and a drum holder that rotates and dispenses a drum. The V-shaped counterweighted base enables the Palletizing Drum. You can safely move a drum onto and off of a pallet with these Drum movers that palletize and dispense a drum with geared tilt control.



Manufactured by:



Omni-Lift Drum Racker

Capacity: 800 lbs

What it Does: Rotate, lift and rack your drums with 405 Series Omni-Lift Drum Rackers. With the capacity to lift an up to 800-pound full drum and a 500-pound half-full drum, the Omni-Lift Drum Racker is the perfect solution for your drum handling problems.



Manufactured by:





4-Wheel Drum Trucks

Capacity: 1,000 lbs

What it Does: This drum handling equipment series comes in three distinct models. Model 160-SS is made of stainless steel making it perfect for clean room operations. Model 160M is equipped with spark-resistant parts for facilities that require such tools. Where as Model WP is designed to be used on rough terrain making it perfect for a variety of different facilities.

Manufactured by:



Drum Spotter

Capacity: 800 lbs

What it Does: The Drum Spotter has a maximum pallet height of 6 inches and its base has a built-in counter-weight for stability. Hooks are located below the drum rim and its handle length provides adequate leverage to lift a heavy drum. This drum handling unit uses ratchets in order to maintain the handle position until the operator moves it.

Manufactured by:



MORStak Drum Racker

Capacity: 800 lbs

What it Does: The MORStak Drum Racker gives you the ability to lift drums on and off racks, pallets, trucks, etc. This safety conscious Drum Racker is able to lift an upright drum and place it in a horizontal position and rack rimmed 55-gallon steel or plastic drums side by side with almost no clearance between them. Built-in safety mechanisms include a "belly-button" switch that helps to prevent an operator being pinned between the Drum Racker and another object.

Manufactured by:



Mobile-Karriers

Capacity: 800 lbs

What it Does: This drum handling unit is able to transport drums in an upright position to eliminate spills and supports the entire weight of the drum. In order to prevent any unintentional lowering of the drum, this drum lifter has an automatic handle lock and has tilt locks located on either side which can be used to keep the drum horizontal or upright. Once the drum is unlocked it is then able to be turned end-over-end to mix contents or be tipped at an angle for draining. When the drum is locked in a horizontal position it can remain ready to be dispensed.

Manufactured by:





PailPro Can Tumblers

Capacity: 100 lbs

What it Does: These pail handling devices will save you time and money. The PailPro Can Tumbler is able to mix in ordinary pails as opposed to using special containers or insertion mixers. Therefore, no messy clean-up or costly transfer while reducing the chance of spills and the hazards that become present when workers are exposed to these products.

Manufactured by:



2-Wheel Drum Trucks

Capacity: 1,000 lbs

What it Does: These drum trucks are designed to be ergonomic and easy to use, with a trim and strong all steel construction. With the addition of this drum handling system you will be able to quick start transporting drums throughout your facility.

Manufactured by:



Drum Palletizers that Pour

Capacity: 600 lbs

What it Does: These drum handling units are aptly named 82A Series Drum Palletizers that Pour because of their ability to lift, transport and dispense a drum that weighs up to 600 pounds. This state-of-the-art design is a combination of the V-shaped base to serve the corner of a pallet and a drum holder that rotates and dispenses a drum.

Manufactured by:



Power-Propelled Drum Mover/Stacker

Capacity: 1,500 lbs

What it Does: Transport and lift drums more efficiently than ever with this drum handling unit which will enable you to lift a 55 gallon drum up to 10 feet high. This drum handling system is designed to be the ultimate drum handling unit and will enable you to move drums onto a rack with virtually zero clearance in-between. On top of this, this drum lifter is able to rack 55 gallon steel or plastic drums (that have a suitable top rim) on and off racks, pallets, trucks and much more.

Manufactured by:





Hydra-Lift Karriers

Capacity: 800 lbs

What it Does: The Hydra-Lift Karrier makes handling heavy drums easy. With this drum handling unit, you will have full control over the lifting height and pouring angle, helping to increase productivity and remove the effort needed to complete this task. With the use of this drum handling unit drums can now be attached to faucets, pipe, valve extensions etc. Although the Hydra-Lift Karrier is most commonly used to lift and pour, it can be used to lift drums on & off scales, platforms or trucks and move drums to or from storage.

Manufactured by:



Stainless Steel Hydra-Lift Karriers

Capacity: 800 lbs

What it Does: Lift, move and control the pouring of a 55-gallon drum weighing up to 800 pounds with minimal effort; with this drum handling unit you can do all this and much more. Our Stainless Steel Hydra-Lift Karriers have a welded rectangular type 304 stainless steel tube framework, and each Hydra-Lift Karrier features a heavy-duty hydraulic ram with a built-in flow control for a uniform, controlled speed of descent with even the heaviest of drums.

Manufactured by:



Vertical-Lift Drum Pourers

Capacity: 800 lbs

What it Does: Our Vertical-Lift Drum Pourer drum handling units are able to lift, move and control the dispensing of your drum up to 106-inches high. These Vertical-Lift Drum Pourers have the power to lift and tilt drums as well as give you full control of the lifting height and pouring angle.

Manufactured by:



MORStak Drum Rackers 611 and 620

Capacity: 800 lbs

What it Does: One of the most common dangers encountered when moving drums is when drums are moved on and off of drum racks, but with the addition of the MORStak Drum Racker you will have a solution which will help to eliminate any safety concerns you may have about drum racking. This drum handling solution is able to lift drums on and off of upper racks, move a drum from a horizontal to an upright position and handle a drum in areas where a forklift is unable to fit.

Manufactured by:





Powered-Propelled Drum Pourers

Capacity: 1,500 lbs

What it Does: Dispense 1,500 lb drum at a height of 10.5' with this drum handling unit, whether the drum is made of steel, plastic, fibre or are smaller drums; this drum handling system will be able to lift and pour it. This drum handling unit was designed to lift, transport and pour drums and is able to accurately control and weigh the amount you are pouring while it is occurring.

Manufactured by:



82H Series Drum Palletizers

Capacity: 1,000 lbs

What it Does: With the addition of this drum handling unit, you will be able to efficiently move drums onto and off of pallets and floors. This drum handling unit uses drum gripping jaws to provide an automatic hold in order to carry your drum into a vertical position. The 82H Drum Palletizer is able to handle virtually any drum that has a rimmed steel collar whether the drum is made from steel or fibre. In addition, this unit is able to lift a variety of different drums with varying diameters.

Manufactured by:



Heavy-Duty Hydra-Lift Karriers

Capacity: 1,200 lbs

What it Does: The solution to your drum handling problems is here! With this drum handling unit, one person is able to safely handle 55-gallon steel or fibre drums. The Heavy-Duty Hydra-Lift Karrier is able to automatically adjust from drums with a 22" diameter to 23.5".

Manufactured by:



Extra Heavy-Duty Forklift Karrier

Capacity: 2,000 lbs

What it Does: Tilt extra heavy drums in both directions with this Extra Heavy-Duty Forklift Karrier drum handling unit. This drum handling system is hand operated with geared tilt and has a fully enclosed gearbox. With the addition of this drum handling unit, you will be able to have quick and sure drum handling with your forklift; which will help to save you time, reduce your waste and improve upon your overall productivity.

Manufactured by:





MORStak Forklift Mounted Drum Racker

Capacity: 800 lbs

What it Does: The MORStak Forklift Mounted Drum Racker is designed in order to lift 55-gallon steel or plastic drums with a suitable top lifting rim and place it in the vertical position. For drums that have a removable top, the top must be securely fastened.

The drum holder assembly is the component on the MORStak that is used to grab and hold the drum for racking, tilting and moving.

Manufactured by:



MORSPEED 1000 System

Capacity: 1,000 lbs

What it Does: The MORSPEED 1000 System drum handling system gives you the ability to grab, lift, move and place a drum in a minimum amount of time without leaving your forklift truck and without the need for tools. The steel jaws are completely mechanical and automatic as well as being contoured to securely grab and release the drum.

Manufactured by:



Heavy-Duty Forklift Karriers

Capacity: 1,500 lbs

What it Does: With the addition of this drum handling unit, you will be able to remove the backbreaking labour of lifting drums as well as eliminate any dangerous makeshift methods that may currently be in use for moving drums. It is recommended that the MORStop Tilt Break Option is used with Forklift Karriers to automatically hold the drum tilt angle until you move it. This eliminates the risk of the unbalanced drum turning out of control, even when the contents shift from one end to the other.

Manufactured by:



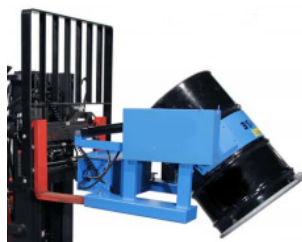
MORSPEED 1500 Forklift Attachment

Capacity: 1,500 lbs

What it Does: Move more drums faster than ever with the MORSPEED 1500 forklift attachment. This drum handling unit will allow you to grab, lift, move and place drums in a short period of time while using your forklift. You can raise and lower the drum by raising and lowering the forks of the forklift. This drum handling unit works with both straight walled drums and even drums with deformed ribs since it does not require drum ribs or friction.

Manufactured by:



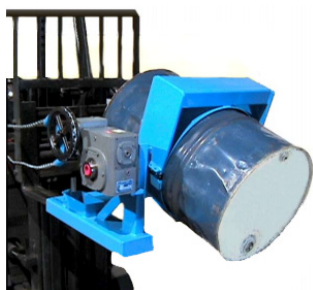


Power-Tilt Forklift Karriers

Capacity: 1,500 lbs

What it Does: Utilize your already existing technology by implementing this forklift attachment into your material handling process. With the addition of this forklift attachment you will be able to lift, move and rotate drums of a variety of sizes and weights safely and ergonomically. This drum handling system is able to automatically adjust for 22" to 23.5" diameter drums, in addition this unit also has a flexible cinch chain cover in order to help protect the sidewall of your drum.

Manufactured by:



Super-Duty Forklift Karriers

Capacity: 2,500 lbs

What it Does: Optimize your material handling process with the addition of this drum handling unit to your equipment. With quick and secure drum handling you will be able to save time, reduce waste and overall improve upon your productivity. Designed in order to ensure optimum control and usability, this drum handling unit is able to tilt a drum 360 degrees in both directions and has a 3-piece drum holder with two hinged metal bands and a clamp in order to securely fit a standard 55-gallon steel drum.

Manufactured by:



Power Tilt Kontrol-Karriers

Capacity: 1,500 lbs

What it Does: Kontrol-Karriers with Power Tilt Kontrol can be attached to your monorail, crane or chain block for quick, sure below-hook drum handling by one person. This, in turn, will save time, reduce waste and improve productivity for efficient, controlled high-level pouring. Diameter adaptors can be used for each smaller sized drum. To use simply insert the diameter adaptor into the drum holder in order to handle your smaller drum with the same drum handling unit.

Manufactured by:



Extra Heavy-Duty Kontrol-Karriers

Capacity: 2,000 lbs

What it Does: Extra Heavy-Duty Kontrol-Karriers drum handling systems have a 2,000-pound full drum lifting capacity and are able to tilt a drum 360-degrees in both directions. They have a hand operated geared tilt with a fully enclosed gearbox for quick, sure below-the-hook drum handling by one person. The implementation of this drum handling device will help to save time, reduce waste and improve productivity for controlled high-level pouring.

Manufactured by:





Adjusto-Karrier

Capacity: 500 lbs

What it Does: The Adjusto-Karrier is able to handle a wide variety of drum diameters and is designed with unique pads which conform to the drum to create a secure grip, allowing for fast dispensing of your drum and a high level of controlled pouring. This drum handling unit has the capacity to handle fibre or steel drums that weigh up to 500 pounds.

Manufactured by:



Below-the-Hook Drum Carriers

Capacity: 800 lbs

What it Does: Transport a loaded drum with your hoist and crane through the use of Below-the-Hook Drum Carriers. Below-the-Hook Drum Carriers have an 800-pound capacity for full drums and a 500-pound capacity for half-full drums. Each unit comes fully assembled in a durable carton with a domestic shipping weight of 41 pounds. In order to ensure long service, they are built with welded structural steel.

Manufactured by:



Kontrol-Karriers

Capacity: 800 lbs

What it Does: These below-the-hook drum handling solutions allow for controlled high-level pouring and give you the ability to lift and dispense a drum with your hoist and crane. So that you can control drum tilting, Kontrol-Karriers have a 12-inch-long pull chain loop with a 6-inch drop. When ordered with the hand crank or hand wheel option, the unit can only be used within the reach of the operator.

Manufactured by:



Heavy-Duty Kontrol-Karriers

Capacity: 1,500 lbs

What it Does: With the addition of the Heavy-Duty Kontrol-Karriers to your workplace, you will be able to lift and dispense a drum with your hoist or crane which provides controlled high-level pouring. It is recommended that the MORStop Tilt Break be used with Heavy-Duty Kontrol-Karriers to automatically hold the drum tilt angle until you move it.

Manufactured by:





Super-Duty Kontrol-Karriers

Capacity: 1,500 lbs

What it Does: Super-Duty Kontrol-Karriers offer quick, sure below-the-hook drum handling by one person. With the addition of this drum handling unit you will save time, reduce waste and improve overall productivity. This series of drum handling products comes in two models. For a long life in tough service areas, Super-Duty Kontrol-Karriers have a steel tube framework, large shafts and bearings.

Manufactured by:



Easy Lift Empty Drum Stackers

Capacity: 100 lbs

What it Does: With this drum handling unit you will be able to optimize your space by compressing the amount of room that empty drums take up. This drum handling unit will allow your operators to safely and efficiently move empty drums into trucks, warehouses and other material-handling environments, and allow you to stack them.

Manufactured by:



Manual Clamp/Forward Rotation Drum Dumper

Capacity: 300 lbs

What it Does: These drum handling units are designed to allow you to dispense drums in low level dumping applications. With a manual foot pump lift, DC powered lift or rechargeable air tank pneumatic lift options you will be able to find the perfect drum handling unit for your specific application needs.

Manufactured by:



Industrial Drum Handling Equipment

Capacity: 500 lbs

What it Does: These drum handling units are able to turn and rotate a variety of different models of drums of various diameters. Not only is this drum handling unit able to pour drums, but it is also able to move drums throughout your facility and place them on the side or corner of a pallet. The compact design of this drum handling unit also makes it perfect for moving through tight congested areas of your facility.

Manufactured by:





Easy Lift Economy Drum Transporters

Capacity: 800 lbs

What it Does: Often times injuries such as strained backs and inched fingers are associated with moving drums throughout a facility, but with the addition of this mobile drum handling unit, you will be able to eliminate these and many more injuries from occurring within your facility. These drum handling units are designed in order to handle any size plastic, fibre or steel chimed drums.

Manufactured by:



Easy Lift Counterbalanced Drum Transporters

Capacity: 800 lbs

What it Does: This innovative drum handling unit was designed with the elimination of legs and compensated counterweight making it the ideal drum handling unit for placing drums in cabinets or under air piston pumps, in addition to placing drums on the side of pallets, scales or containment pallets (when the corner of the pallet is not accessible).

Manufactured by:



Powered Drum Handling and Lifting Equipment

Capacity: 800 lbs

What it Does: Easily and safely move plastic, fibre and steel drums throughout your facility with this drum handling unit. This drum handling unit was designed specifically to make it easier to transport weight and dispense drums, with several different models available making them perfect for almost every application. This drum handling unit can fit through a standard doorway opening, making it perfect for transporting drums within your facility.

Manufactured by:



Powered and Motorized Drum Dumpers

Capacity: 800 lbs

What it Does: This drum handling unit is one of our most ergonomic pieces of equipment available for transporting, weighing and dispensing the product within drums. This drum handling unit is designed in order to be able to handle a variety of drums including plastic, fibre and steel drums. This model of the drum handling unit also runs off of a 24 volt industrial battery, which provides this drum handling unit with enough energy to run continuously for a 2-shift operation without requiring recharging.

Manufactured by:



Easy Lift-SL Narrow Aisle Drum Transporter

Capacity: 800 lbs

What it Does: These drum transporters are designed in order to be a safe and effective method that will help you to reduce the number of injuries that occur from manually moving materials throughout your workplace. With the ability to easily pick up a variety of different drums made of different materials including steel, poly and fibre drums, this drum handling unit is also able to raise and lower drums twenty inches.



Manufactured by:



Easy Lift Air Powered Drum Handling Unit for Hazardous Areas

Capacity: 1,000 lbs

What it Does: Designed to be one of the most quiet drum handling devices available, this drum handling unit uses low decibel air motors which helps to eliminate the need for hearing protection when operating this machine. With the use of specialized ergonomic casters, these drum handling units provide the easiest roll ability, but are also chemical resistant, non-marking and are essentially maintenance free.



Manufactured by:



Easy Lift AC & DC Drum Handling Equipment

Capacity: 1,200 lbs

What it Does: Optimize the efficiency of your material handling process with this drum handling unit. This drum handling unit is designed in order to allow you to both be able to safely move drums throughout your facility, but also to be able to quickly and efficiently tilt the drums forward in order to pour the contents of the drums out.



Manufactured by:



Quick-Claw Safety System Drum Handling Unit Powered and Motorized Drum Dumpers

Capacity: 750 lbs per drum

What it Does: These cam locks help to secure the forks of the forklift in order to prevent any chance of the drum handling unit sliding off during a sudden stop. They also have the added benefit of eliminating the need for the operator to dismount the lift truck in order to engage or disengage the standard safety chain that many forklift drum handling equipment comes with.



Manufactured by:



Eagle Grip 1 Forklift Drum Handling Equipment

Capacity: 1,500 lbs

What it Does: These pieces of forklift handling equipment are designed in order to allow you to safely and efficiently be able to move drums throughout your facility. With five distinct models available which are able to lift a wide range of different drums, you can be assured that we have a forklift attachment drum handling unit perfect for your specific application needs.



Manufactured by:



Eagle Poly-Grip Attachments

Capacity: 1,600 lbs

What it Does: European system plastic drums have been steadily increasing in usage worldwide. These drums have no lifting chime, which means many drum lifting devices are unable to pick them up safely. This is why this forklift drum handling attachment was designed specifically in order to be able to pick up these drums.



Manufactured by:



Eagle Grip Model EL4F Drum Handling System

Capacity: 8,000 lbs

What it Does: This mechanical lift truck attachment is designed in order to truly be able to optimize your material handling process, and it is able to lift up to 4 drums at once. Using an automatic clamping mechanism, and requiring no hydraulic or electrical connections to the lift truck, this drum handling unit is ideal for palletizing drums or unloading trailers.



Manufactured by:



Eagle Grip 3 Drum Handling Unit

Capacity: 3,000 lbs

What it Does: These drum handling units are designed in order to utilize a heavy duty grip and use single automatic clamping mechanisms which make it perfect for handling steel and plastic drums in high volume applications. With a completely mechanical clamping mechanism, this piece of drum handling equipment requires no hydraulic or electrical connections. With the addition of positive action jaws on this drum handling unit, the drums are able to be transported safely without any damage occurring to the drum chimes.



Manufactured by:





Eagle Grip 4 Forklift Drum Handling Equipment

Capacity: 4,000 lbs

What it Does: These pieces of drum handling equipment are designed with double articulating clamping mechanisms which allow for the handling of steel, plastic and fibre chimed drums in high volume applications. These drum lifters provide one of the safest available methods of lifting and transporting chimed drums when using a forklift truck. The clamping mechanisms used are completely mechanical and require no hydraulic or electrical connections. Each drum is picked up with two upper and lower jaw in heads which are spaced 6" apart.

Manufactured by:



S1 Series Drum Handling

Capacity: 800 lbs

What it Does: This series of Ergonomic Drum Handling solutions consists of a wide variety of standard and custom products to meet the needs of many industries. Our reliable solutions will help you to reduce any labour and safety concerns you may have along with being mobile and convenient. The S1 series is perfect for ergonomically transporting, lifting, and turning up to 55-gallon fibre, steel or plastic drums.

Manufactured by:



S2 Series Drum Handling

Capacity: 880 lbs

What it Does: The S2 series provides an ideal way for your company to tilt and lift drums which weigh up to 880 pounds; making it perfect for ergonomically transporting, lifting and turning 55-gallon fibre, steel and plastic drums. This line of drum units are available in stainless steel construction in order to stand up in corrosive environments and have a battery-powered hydraulic drum lift for manual transport.

Manufactured by:



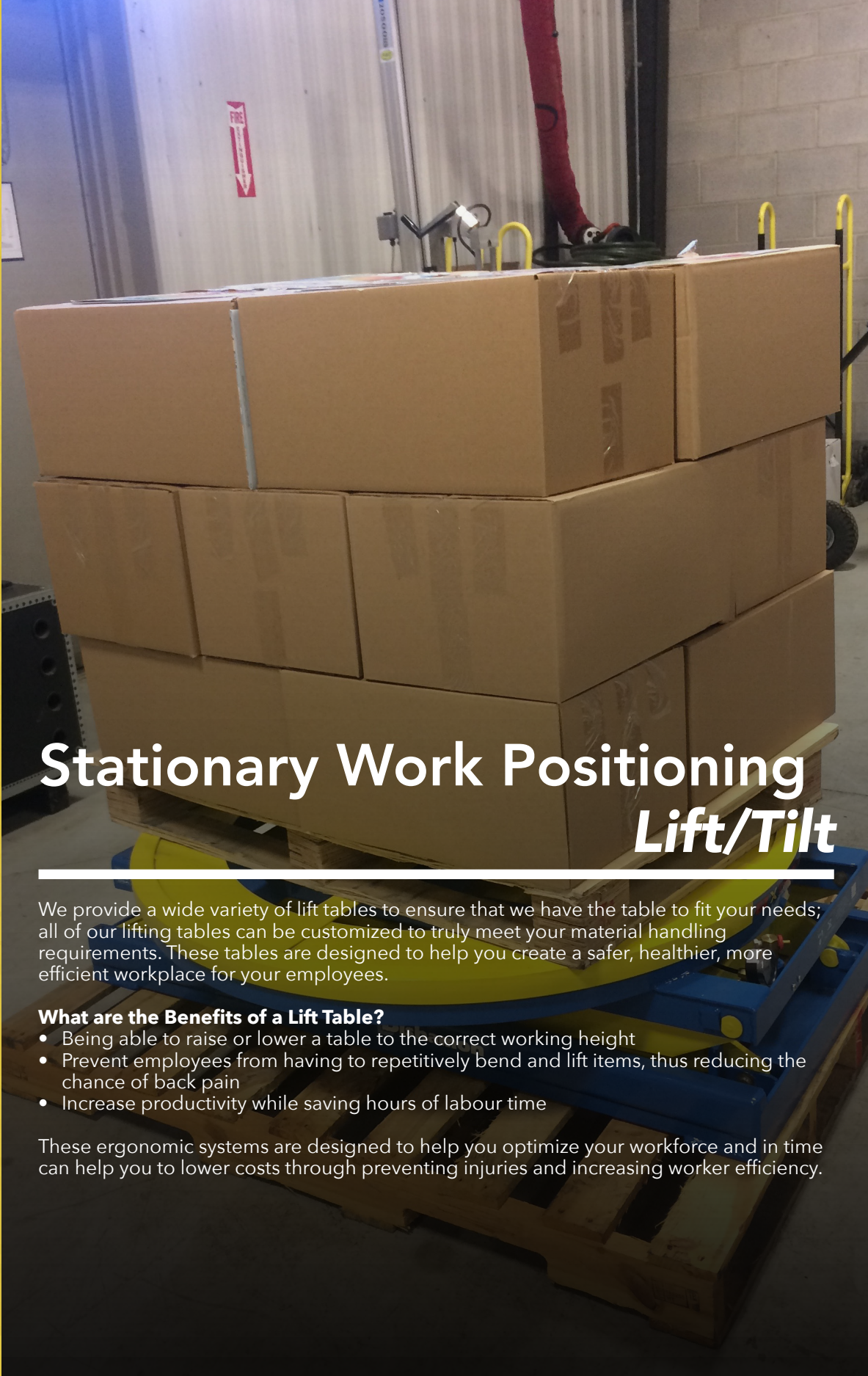
S3 Series Drum Handling

Capacity: 800 lbs

What it Does: The S3 series is the productive, safe choice for your entire ergonomic drum handling needs. This series of drum handling solutions can transport, lift and tilt 55-gallon fibre, steel and plastic drums weighing up to 800 pounds.

Manufactured by:





Stationary Work Positioning *Lift/Tilt*

We provide a wide variety of lift tables to ensure that we have the table to fit your needs; all of our lifting tables can be customized to truly meet your material handling requirements. These tables are designed to help you create a safer, healthier, more efficient workplace for your employees.

What are the Benefits of a Lift Table?

- Being able to raise or lower a table to the correct working height
- Prevent employees from having to repetitively bend and lift items, thus reducing the chance of back pain
- Increase productivity while saving hours of labour time

These ergonomic systems are designed to help you optimize your workforce and in time can help you to lower costs through preventing injuries and increasing worker efficiency.

EZ Loader

Capacity: 4,000 lbs

What it Does: These lift tables are designed in order to allow easy lift and positioning of products within your facility. This model is designed in order to lift up to 4,000 lbs and has a variety of different features. Some of these features include capacity adjustment without requiring a change in air pressure and a captive air system in order to eliminate the use of mechanical springs.



Manufactured by:

Bishamon

EZ Loader E

Capacity: 4,000 lbs

What it Does: The EZ Loader E is a stainless steel automatic pallet positioner and has the ability to lift up to 4,000 lbs. This lift table has a variety of different features including capacity adjustment without requiring a change in air pressure. This lift table also has a self-levelling design in order to ensure the top of the load is kept at a convenient working height.



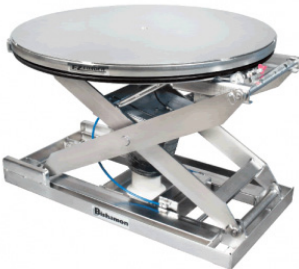
Manufactured by:

Bishamon

EZ Loader SS

Capacity: 4,000 lbs

What it Does: The EZ Loader SS is designed as a self-levelling pallet positioner and pallet leveller and has the ability to lift up to 4,000 lbs. This lift table has a variety of different features including capacity adjustment without requiring a change in air pressure and a captive air system in order to eliminate the use of mechanical springs. In addition, this lift table comes with an integrated turntable top in order to ensure enhanced ergonomics when in use.



Manufactured by:

Bishamon

EZ X Loader

Capacity: 4,000 lbs

What it Does: The EZ X Loader is an automatic pallet positioner and has the ability to lift up to 4,000 lbs. This lift table has a variety of different features including capacity adjustment without requiring a change in air pressure. It is also designed in order to keep the top of the load at a convenient working height.



Manufactured by:

Bishamon



EZ Loader NNR

Capacity: 4,000 lbs

What it Does: The EZ Loader NNR is designed to lift and position products and can lift up to 4,000 lbs. This lift table has a variety of different features including capacity adjustment without requiring a change in air pressure and a captive air system in order to eliminate the use of mechanical springs. Finally, this innovative lift table comes with an integrated turntable top in order to ensure enhanced ergonomics when in use.

Manufactured by:

Bishamon



Lift Tables

Capacity: 6,000 lbs

What it Does: These lift tables have over 30 different models to choose from, each built with different specifications, making them perfect for a wide variety of different tasks.

Manufactured by:

ECONO LIFT



Heavy Duty Lift Tables

Capacity: 12,000 lbs

What it Does: These lift tables are designed in order to be able to lift up to 12,000 lbs and have a wide base unit not only for wider platform applications but also to ensure greater stability when lifting items up. In addition, these lift tables can be customized in a variety of different ways such as bevelled edges for pit mounting, eye-bolts for pit mounting, rotating tops, conveyor tops, ball transfer tops, bellow safety skirting, safety tape switch, and semi-portable, portable and fork pockets.

Manufactured by:

ECONO LIFT



Tandem Scissor Lift Tables

Capacity: 12,000 lbs

What it Does: These tandem scissor lift tables optimize the usage of your lift table by providing you with a much larger work area than traditional lift tables. Not only are these easy to use, but they come in a variety of different models with several power supply options including A/C 110/1/60 volt, A/C 460/575/3/60 volt and air/hydraulic.

Manufactured by:

ECONO LIFT

Low Profile Scissor Lift Tables

Capacity: 4,000 lbs

What it Does: These low profile scissor lift tables are perfect for occasional or constant use. With multiple options on how to customize it in order to meet your specific application including loading ramp, oversized platforms, rotating tops, electric toe guards, safety tape switch, conveyors and bellow skirting.



Manufactured by:

ECONO LIFT

Mechanical Gravity Tilters

Capacity: 3,000 lbs

What it Does: These tilters are designed in order to easily tilt products weighing up to 3,000 lbs up to 30 degrees.



Manufactured by:

ECONO LIFT

Tilt Tables

Capacity: 6,000 lbs

What it Does: These tilt tables are designed in order to be able to tilt a wide variety of products up to 45 degrees. They come in a variety of sizes and can tilt up to 6,000 lbs!



Manufactured by:

ECONO LIFT

Drive-On Platform Lift Tables

Capacity: 4,000 lbs

What it Does: Safely lift equipment with these drive-on lift tables which are designed in order to be able to be lowered to floor level. These innovative lift tables have a variety of different customization options including: a longer or wider platform, a higher lift height, side loading, tape switches, turntables and much more.



Manufactured by:

ECONO LIFT



Self Propelled Portable Skid Lifts

Capacity: 6,000 lbs

What it Does: These self-propelled lift tables are perfect for moving and lifting heavy items throughout your facility; making them ideal for a wide variety of applications such as die changing. In addition, these lift tables have a wide variety of different customizations available including: longer forks, industrial battery, industrial charger, battery discharge indicator and an hour meter.

Manufactured by:

ECONO LIFT



Portable Drum Dumpers

Capacity: 2,000 lbs

What it Does: These drive portable drum dumpers are designed in order to make life easy, as with the addition of one of these pieces of ergonomic dumping equipment, you will be able to move and dump drums throughout your facility.

Manufactured by:

ECONO LIFT



Stationary Upenders

Capacity: 6,000 lbs

What it Does: With the addition of one of these stationary upenders, you will be able to safely tilt and move product within your facility. These pieces of ergonomic equipment are able to tilt product up to 90 degrees and are able to lift up to 6,000 lbs and come in a variety of different models.

Manufactured by:

ECONO LIFT



Drive-On High Point Tilter Tables

Capacity: 4,000 lbs

What it Does: Safely move and tilt product within your facility with one of these high point tilters. These ergonomic devices are able to tilt product up to 90 degrees and are a safe and efficient way to tilt product within your facility. Some optional customizations include photo eyes, safety skirts, increased/restricted tilt angle, full plated platform and increased/reduced platform size.

Manufactured by:

ECONO LIFT

Loading Docks

Capacity: 12,000 lbs

What it Does: We offer a wide variety of loading docks to ensure that you will be able to find the perfect loading dock for your application. These loading docks are designed in order to help you to safely and easily lift up pieces of equipment.



Manufactured by:

ECONO LIFT

Low Profile Loading Dock

Capacity: 5,000 lbs

What it Does: This low profile loading dock is the perfect addition to lifting product and equipment. This lifting dock is able to lift up to 5,000 lbs and uses hand controls.



Manufactured by:

ECONO LIFT

Stationary Dumpers

Capacity: 6,000 lbs

What it Does: These versatile stationary dumpers are able to lift a wide variety of different products and can be customized in order to meet your specific requirements. These ergonomic dumping machines have a dumping angle between 0 and 120 degrees. In addition, they have an optional simpering loaded bar in order to allow for multiple container heights, which will allow you to easily adjust it for a wide variety of different products.



Manufactured by:

ECONO LIFT

Turntables

Capacity: 6,000 lbs

What it Does: These manual turntables are designed in order to allow for easy access to products placed on them, with the ability to be rotated up to 360 degrees and with a capacity up to 6,000 lbs. Some additional options available for this model include a conveyor mounted on the turntable, tilt tables on the turntable, corner guides and smaller and large-sized platforms.



Manufactured by:

ECONO LIFT



Sheet Handling

Lifting sheets safely is often a challenging material handling problem as sheets are often bulky, heavy, and can be prone to damage if not handled correctly. Which is why we offer a variety of vacuum sheet handling solutions designed in order to safely lift and move sheets made of a variety of materials.



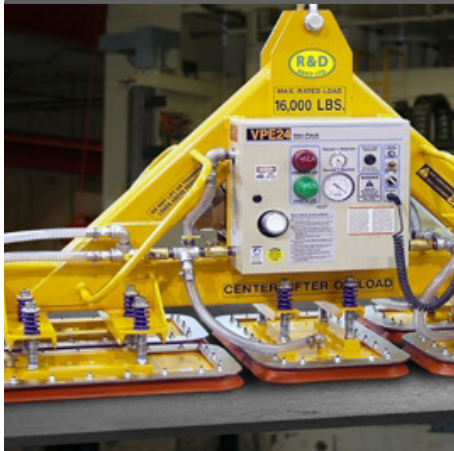
Metal Sheet Handling

At R&D Ergo Ltd. we recognize the complexities that are associated with Metal Sheet Handling, and those cost reductions at your facility are of critical importance to the competitiveness of your company. Utilizing vacuum handling technology is the first step to increasing productivity/efficiency and simultaneously reducing potential workplace injuries. It's really quite simple: improved material handling results in decreased costs.



Glass Sheet Handling

Ensure glass lifting is effortless by removing the strain of manual handling with a reliable and proven Glass Vacuum Lifter. A manually operated vacuum handling system will revolutionize the manufacturing process, while reducing lead times and increasing employees' motivation and performance. Currently in use at several major manufacturers in the glass industry, our systems come in both standard and custom configurations.



Stone Vacuum Handling

We offer production grade, steel framed vacuum lifters for both smooth and/or rough Stone Handling. The systems we build are solid, reliable, and designed to be used on a day-to-day basis. The components we select are durable and reliable, meaning no down time, and can be relied upon in a variety of environments. Our vacuum lifters offer a secure ergonomic material handling solution for the movement of large slabs and finished stone pieces both within your facility and on-site.



Wood Sheet Handling

Wood Sheet Vacuum Handling Systems are designed for handling rough or smooth wood surfaces, and are designed to lift, tilt, and rotate. Designed to work where you need it, we have both fixed and portable Wood Sheet Vacuum Handling Systems. Our Wood Sheet Vacuum Handling Systems are compact, air-powered and designed for one user to lift heavy wood panels without straps or slings. These systems are ideal for workplaces that require speed for production/assembly, storage, and improved ergonomics.



Push/Pull Carts

Move heavy loads easily with one of the innovative cart movers which we have available. These material handling units are perfect for ensuring worker safety and increasing productivity when pushing or pulling heavy equipment. They are convenient and portable, with no electric cords or pneumatic hoses to trip over.

Appleton TruckMover

Capacity: 20,000 lbs

What it Does: This battery-powered vehicle mover is perfect for increasing productivity and ensuring worker safety whenever heavy loads need to be moved. Designed to last and is built with a rugged welded frame construction and multi-surface wheels, this cart mover will be able to stand up to the task of moving product throughout your facility.



Manufactured by:



Powered RollMover

Capacity: 20,000 lbs

What it Does: Appleton Productive Solutions is a leading manufacturer and supplier of ergonomic roll handling solutions for a variety of material handling applications. The RollMover features a rugged steel frame construction and provides unmatched versatility in moving rollable loads. These units provide a safer, healthier workplace for employees while increasing efficiency and productivity. The RollMover makes it possible for a single person to move wheeled or rollable loads weighing up to 20,000 pounds.



Manufactured by:



Appleton CartMover

Capacity: 20,000 lbs

What it Does: Move heavy loads easily with the Appleton CartMover. Appleton Productive Solutions is a leading supplier and manufacturer of ergonomic material handling solutions. These battery-powered material handlers are perfect for ensuring worker safety and increasing productivity when pushing or pulling heavy equipment. They are convenient and portable, with no electric cords or pneumatic hoses to trip over.



Manufactured by:



IP65 Rated CartMover

Capacity: 20,000 lbs

What it Does: Designed in order to last, the IP65 Rated CartMover is constructed of stainless steel. With an internal "fender" around the drive roller in order to deflect any splash up and a sealed speed control housing and handlebar, you won't have to worry about any moisture reaching the delicate parts stored within these sensitive areas of the equipment. In addition to the already stated features, this electric cart lifter also has a duty rated motor and gearbox.



Manufactured by:



Hand Pump Stackers

Capacity: 2,200 lbs

What it Does: These hand pump stackers have a compact and durable design helping to ensure that not only are they easy to maneuver, but they can fit into crowded areas as well. In addition, they utilize top quality hydraulic pumps to ensure they can easily lift product weighing up to 2,200 lbs.



Manufactured by:

ECONO LIFT

Ergonomic Work Positioners

Capacity: 3,000 lbs

What it Does: These ergonomic product positioners will make your life that much easier as they will remove the tough part of moving product throughout your facility. Available in a variety of different configurations, there is a model for every application need!



Manufactured by:

ECONO LIFT

Light Duty Portable Lift Tables

Capacity: 1,500 lbs

What it Does: These light duty portable lift tables are designed in order to help optimize your facility by allowing your employees to quickly and easily be able to move product throughout it. These lift tables come in a number of different models and can lift up to 1,500 lbs.



Manufactured by:

ECONO LIFT

Portable Foot Pump Double Scissor Lifts

Capacity: 1,100 lbs

What it Does: These portable foot pump scissor lifts are perfect for small parts, maintenance shops, and transporting items and other applications. With the capacity to lift up to 1,100 lbs these lift tables are perfect for smaller spaces!



Manufactured by:

ECONO LIFT

Portable Foot Pump Lift Tables

Capacity: 2,200 lbs

What it Does: These portable lift tables have a compact design making them perfect for small or hard to reach areas. In addition, they utilize a durable pump and cylinders for lifting the table to ensure quality and durability. With these features they are perfect for lifting small parts and being used within maintenance shops.



Manufactured by:

ECONO LIFT

Light Duty Stationary Lift Tables

Capacity: 1,500 lbs

What it Does: These light duty lift tables are designed in order to safely lift products up allowing for easy access. These lift tables can lift up to 1,500 lbs and have several power options: foot pump, A/C 110 volt, A/C 460/575/3/60 volt and Air/Hydraulic.



Manufactured by:

ECONO LIFT

Lift'n Buddy Series 4

Capacity: 445 lbs

What it Does: The Lift'n Buddy Series 4 combines the convenience of use of a 4-wheel transporter with the ease of powered lifting. This lifting machine has the ability to lift 185 to 445 pounds and is perfect for a variety of office, laboratory, industrial and retail applications. This unit uses a continuous lifting chain to eliminate hydraulic fluid leaks and deliver exact load positioning with zero drift.



Manufactured by:

LIFT'N BUDDY

LNB-2 Powered Lift Hand Truck

Capacity: 200 lbs

What it Does: This material handling device can be used to transfer loads to processing equipment, shelves, delivery trucks, conveyors, workbenches, and customer vehicles in a wide variety of facilities. Some of the facilities which could benefit from the addition of this piece of material handling equipment include repair/rental, hospitality, commercial, bakeries, medical, warehousing, retail shops and much more.



Manufactured by:

LIFT'N BUDDY



12120 Series Squeeze-O-Turn

Capacity: 300 lbs

What it Does: The Squeeze-O-Turn is easy to configure and can quickly adapt to different loads. Designed specifically not to damage product, the Squeeze-O-Turn gently lifts, rotates and transports product with a gentle yet firm squeeze. Operation of the Squeeze-O-Turn is simple with user controls mounted on the lift mast. This product is designed specifically for the squeeze arms to mechanically adjust to fit various sizes of boxes and totes, without slowing down operation.

Manufactured by:



Portable Platform Lifters

Capacity: 250 lbs

What it Does: The LIFT-N-GO II HD (Heavy Duty) Series lifter is an enhanced lifter for increased capacity over the standard LIFT-N-GO Series. Both Series are available to meet your material handling needs. The LIFT-N-GO IITM continues the tradition of providing for increased economical, safe, efficient, and ergonomic material handling solutions to assist you with your production needs.

Manufactured by:

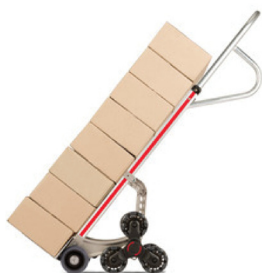


Aluminum 4x125mm Rotacaster Rotatruck

What it Does: Designed around the revolutionary Rotacaster multi-directional wheel, the Rotatruck's clever design and amazing 360-degree maneuverability make them faster, easier and safer to use, resulting in direct and immediate increases in productivity.

Manufactured by:

rotacaster



Aluminum Stair Climbing Rotatruck

What it Does: The Rotacaster Stairclimber Hand Truck is a revolutionary hand trolley that reduces the effort in the direction of travel up and down stairs. It is a tough, feature-laden hand truck. The tough non-marking polymer covers help avoid wall damage and the wide protective stair nosing does the same for stairs. The double or triple Rotacasters distribute the floor load and the unique polyurethane rollers eliminate floor scrubbing and pivot point carpet tears. The Jockey wheels enable easy vertical positioning without floor contact. The unique wheelbase allows the precise navigation in confined spaces as well as the improved navigation of flights of stairs.

Manufactured by:

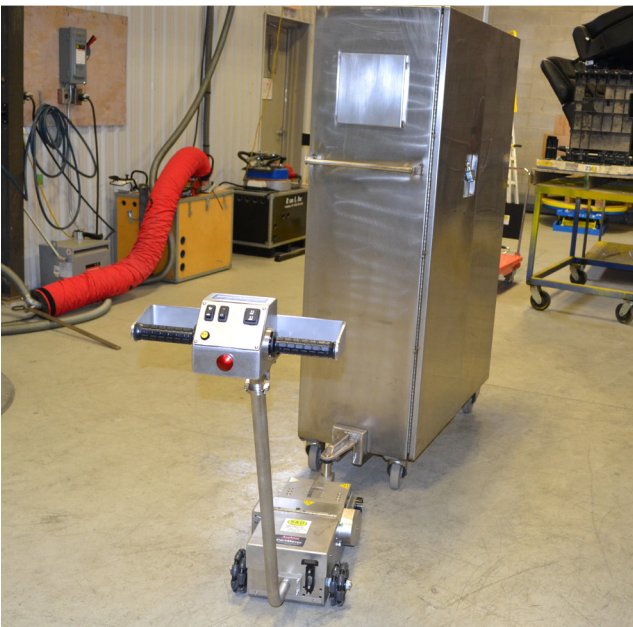
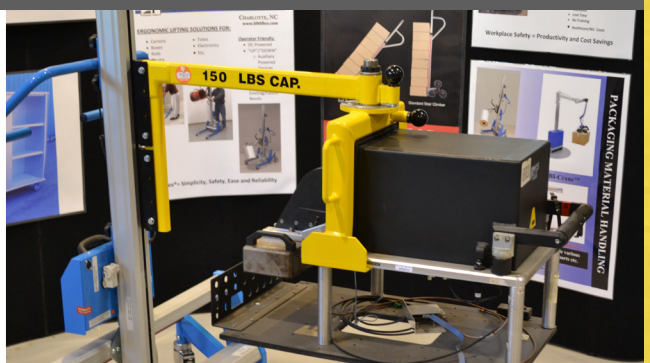
rotacaster

Aluminum All-Terrain Rotatruck

What it Does: Designed around the revolutionary Rotacaster multi-directional wheel, the Rotatruck's clever design and amazing 360-degree maneuverability make them faster, easier and safer to use, resulting in direct and immediate increases in productivity. The All-Terrain version allows you to negotiate rough surfaces with ease through the addition of puncture proof tires at the back of the trolley.



Manufactured by:
rotacaster

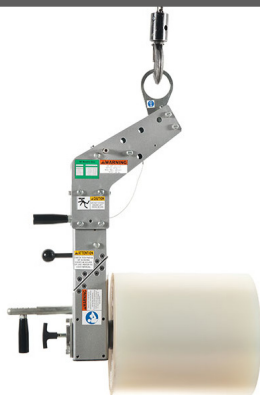


A large industrial roll handling system is shown in a warehouse setting. The system consists of a grey metal frame with a blue cylindrical roll mounted on it. A chain hoist is attached to the top of the frame, and a large blue roll is being lifted. The background shows a warehouse with red metal shelving and a white mesh safety fence. The text "Roll Handling Inside Diameter" is overlaid on the image.

Roll Handling Inside Diameter

These roll handling accessories can help you optimize your material handling processes and improve upon your currently existing roll handling solutions. At R&D Ergo Ltd. we have a diverse line of Roll Handling Solutions that includes Hoist Based Systems, Portable Roll Handlers and Customized Roll Handling Solutions.

Which Roll Handling Solution will work best for you depends on a variety of factors such as industry, weight capacities, transportation needs, and job-specific demands.



MRT-100 Hoist Based Roll Turner

Capacity: 100 lbs

What it Does: The MRT-100 is most commonly used to handle rolls that weigh up to 100 pounds, and specializes in handling products made of sensitive material. The unit is a hoist based mechanical roll lifter that has an amazing turning function, which enables operators to turn loads with minimal effort and no external power source. This roll handling unit has a quick change tooling design which utilizes light capacity mandrels meant for grabbing rolls by the core.

Manufactured by:



MRT-330-AL-ADJ Lift and Turn Roll Handling Unit

Capacity: 330 lbs

What it Does: Safety and speed are what this roll handling machine was made for. The MRT-330 Roll Handling Unit is able to lift and turn rolls that weigh up to 330 lbs. This roll handling unit has an incredible turning function which allows operators to turn even the heaviest of loads with no external power source and minimal effort.

Manufactured by:



MRT-500-AL-ADJ Lift and Turn Roll Handling System

Capacity: 500 lbs

What it Does: The MRT-500 roll handling system is designed to quickly and safely lift and turn rolls weighing up to 500 pounds. This roll handling system is able to ensure exact horizontal and vertical positioning in both loaded and unloaded states through the use of its auto-levelling feature which automatically shifts the hoist hooks.

Manufactured by:



HRL-200-P Hoist Based Horizontal Roll Lifter

Capacity: 200 lbs

What it Does: The HRL-200-P roll lifter can efficiently assist operators and lift rolls weighing up to 200 pounds. The HRL-200-P is a hoist based horizontal roll lifter with a modular design, has integrated probe tooling and weighs just 35 pounds. The simplicity of probe tooling and flexibility of this design gives the HRL-200-P the ability to handle a wide variety of rolls at a low cost.

Manufactured by:





HRL-330 Hoist Based Roll Lifter

Capacity: 330 lbs

What it Does: The HRL-330 roll handling unit can lift rolls that weigh up to 330 pounds. This unit is a hoist based horizontal roll lifter and is designed to hang from a standard hoist hook. When used with a customary mandrel, the HRL-330 roll handling unit will lift the rolls by their core, therefore, eliminating the need for any contact to occur with the rolled material, helping to keep it clean and preventing any possible damage from occurring.

Manufactured by:



HRL-330-AL Roll Handling System

Capacity: 330 lbs

What it Does: This HRL-330-AL roll handling system has an auto levelling feature and is a hoist based horizontal lifter. This roll handling system was made to help operators efficiently lift rolls that weigh up to 330 pounds and was engineered to hang from a standard hoist hook. With a quick change tooling design, this roll handling system can be used with both standard and custom accessories in order to grab onto a variety of different products.

Manufactured by:



HRL-1000 Hoist Based Horizontal Roll Lifter

Capacity: 1,000 lbs

What it Does: The HRL-1000 hoist based roll handling unit is designed to help efficiently and safely lift and turn rolls of various sizes up to 1,000 lbs. This horizontal roll lifter was designed to hang from a standard hoist hook and features a quick change tooling design which accepts both custom and standard accessories to efficiently lift a variety of products. The HRL-1000 roll handling unit lifts rolls by their core with the use of a standard mandrel.

Manufactured by:



HRL-1000-AL Hoist Based Horizontal Roll Lifter

Capacity: 1,250 lbs

What it Does: The HRL-1000-AL is the solution to your roll handling problems with the ability to lift, turn and rotate rolls weighing up to 1,250 pounds. This hoist based horizontal roll lifter can be adjusted to a number of unique widths in order to lift a variety of different rolls. With an auto levelling system, when lifting and maneuvering rolls you will be able to reduce the risk of material damage because the roll will be secure and level making it easy to move and place the roll which it carries.

Manufactured by:





ERT-350 Electric Roll Handling

Capacity: 350 lbs

What it Does: ERT-350 electric roll handling machines are: easy to use, low cost, economical and have a modular design. This roll handling unit makes turning, transporting, and lifting a variety of rolls easy. The ERT-350 is an effortlessly secure way to turn rolls to a specific vertical or horizontal position with just the touch of a button. The ERT-350 has high-speed, quiet electric actuators that power the units turning function. The actuators have the capacity to complete a full radius turn within 8 to 10 seconds.

Manufactured by:



ERT-600 Roll Handling System

Capacity: 600 lbs

What it Does: ERT-600 electric roll handling machines make turning, transporting and lifting a variety of rolls weighing up to 600 pounds safe and stress-free. The ERT-600 has high-speed, quiet actuators that power the units turning function. The actuators have the capacity to complete a full radius turn in 18 seconds or less. This roll handling unit makes use of Universal Mandrels; these are available for almost all core sizes. To use, simply put the mandrel into the core and lift the roll.

Manufactured by:



VRL-500-TA Vertical Roll Lifter

Capacity: 500 lbs

What it Does: This VRL-500-TA (tip assist) roll handling unit is designed for hoists and cranes and is an exceptionally cost-effective, fast and easy solution for turning and lifting rolls that weigh up to 500 pounds. This roll handling solution can help decrease the risk of expensive operator injuries and fatigue caused by manually lifting rolls or improperly transporting them. This roll handling machine has been manufactured to assist when laying rolls down and tipping them up.

Manufactured by:



ERT-1000 Roll Handling System

Capacity: 2,000 lbs

What it Does: ERT-1000 electric roll handling machines make turning, transporting and lifting a variety of rolls which can weigh up to 2,000 pounds safe and stress-free. The ERT-1000 has high-speed, quiet actuators that power the units turning function. The actuators have the capacity to complete a full radius turn in 15 seconds or less. The ERT-1000 makes use of Universal Mandrels; these are available for almost all core sizes.

Manufactured by:





VRL-1000-3C Light-Duty Vertical Roll Handling Unit

Capacity: 1,000 lbs

What it Does: The VRL-1000-3C Roll Handling Solution is a light-duty vertical roll centre lift for hoist and crane services that has a simple, low maintenance design. It was manufactured for the purpose of being a low-cost tool for maneuvering and lifting rolls weighing up to 1,000 pounds as well as decreasing the risk of expensive operator injuries and fatigue. This roll handling solution was engineered to hang from a standard hoist hook and lift rolls by the core for transportation.

Manufactured by:



VRL-1000-6C Vertical Roll Handling Unit

Capacity: 1,000 lbs

What it Does: VRL-1000-6C roll manipulator is a light-duty vertical roll centre lift for hoist and crane services that has a simple, low maintenance design. This roll manipulator was manufactured for the purpose of being a low-cost tool and is designed for the maneuvering and lifting of rolls weighing up to 1,000 pounds. This roll handling unit has a built-in "T" handle gripping mechanism that is controlled completely by the operator.

Manufactured by:



VRL-4400 Vertical Roll Handling Unit

Capacity: 4,400 lbs

What it Does: The VRL-4400 roll handling unit has been engineered to mechanically lift, turn and position devices for the handling of rolled materials in a (core) vertical and/or horizontal position. This hoist based roll handling machine is to be used with cranes and overhead hoists within the operating perimeter of the material handling plant or workspace. It also has an emergency stop switch for the operator's safety.

Manufactured by:



VRL-2200 Vertical Roll Handling Unit

Capacity: 2,200 lbs

What it Does: VRL-2200 roll handling equipment is a flexible platform for many lifting applications and is able to lift up to 2,200 pounds. Some of the standard and custom tooling options that this piece of material handling equipment can be combined with include: universal roll handling mandrels, lifting eyes and spreader bars. This unit provides a quick change mechanism for a wide variety of lifting applications.

Manufactured by:





VRL-1000-TA Roll Handling Unit

Capacity: 1,000 lbs

What it Does: The VRL-1000-TA roll handling unit can lift rolls that weigh up to 1,000 pounds. It is an exceptionally cost-effective, fast and easy solution for companies who have a hoist and/or crane system and need to move rolls. This roll manipulator can be used for tipping rolls up or laying them down and has been engineered to operate as a hoist based mechanical positioning and lifting device.

Manufactured by:



Speedy-PT10X Lift and Turn Roll Handler

Capacity: 2,200 lbs

What it Does: With the ability to lift and turn rolls weighing up to 2,200 lbs (1,000 kg) this lift and roll handler is revolutionary. The Speedy-PT10X is our most precise and powerful battery-powered lift and turn roll handling machine to date! This unique roll handling unit uses a system that holds rolls by lifting them up with their cores without having any contact with the valuable material it is transporting.

Manufactured by:



Master-PT10X Lift and Turn Roll Handler

Capacity: 2,200 lbs

What it Does: The most precise and powerful battery-powered walk behind roll handling unit to date, the Master-PT10X is able to lift 2,200 lbs (1,000 kg). This piece of roll handling equipment utilizes a system which holds the roll inside the core without coming in contact with any of the exterior material, helping to ensure that no material is damaged and preventing operator injury, which in turn helps to save your company money and valuable resources.

Manufactured by:



Delta-PT20X Lift and Turn Roll Handler

Capacity: 3,300 lbs

What it Does: Designed with operator safety in mind, this walk behind roll handling device is able to maneuver rolls up to 3,300 lbs (1,496 kg). This heavy-duty roll handler is able to lift and turn rolls by holding the roll inside the core ensuring no exterior contact occurs. These units help to reduce the risk of both material damage and operator injury, all the while allowing for you to palletize, transport and load rolls.

Manufactured by:





HRH-1000 Narrow Web Lifter

Capacity: 1,000 lbs

What it Does: The HRH-1000 roll handling unit gives you a low-cost and safe alternative to “manhandling” cherished products. This roll handling device was designed with ease of use, portability, and flexibility in mind. Lifting, transporting, loading and unloading rolls weighing up to 1,000 pounds will now be completely safe, easy and fast when you utilize this machine, and bending over to access rolls on low-mounted spindles will no longer be necessary.

Manufactured by:



ERH-700 Portable Electric Roll Handler

Capacity: 700 lbs

What it Does: The ERH-700 portable electric roll handling machine is used to lift and turn rolls by the core for palletizing, transporting and loading rolls. It features up to 700 pounds of lifting capacity and has powered lift and powered turning operations. This roll handling machine’s lightweight frame is easy to push & maneuver; in addition, it is rugged and low maintenance, which will help to ensure you get the most out of this roll handling machine.

Manufactured by:



Manual Winch Lift Horizontal Roll Handler

Capacity: 300 lbs

What it Does: The MRH-300-P portable manual roll handling machine is a versatile tool for many different lifting applications. Designed for portability, ease of use and affordability, the MRH-300-P gives operators a safe, cost-effective alternative to “manhandling” valuable products. The manual winch lift is a horizontal roll handling device and has a quick tooling attachment so that lifting attachments can be changed without the need for tools.

Manufactured by:



ERH-400 Portable Electric Roll Handler

Capacity: 400 lbs

What it Does: The revolutionary ERH-400 portable electric roll handling machine is half the size and weight of previous models, yet has 25% more lifting capacity! This roll handling unit is used to lift and turn rolls by their core and is often used for palletizing, transporting and loading rolls. Save your company’s valuable resources and money with the use of this roll handling unit! The ERH-400 has a lightweight extruded aluminum frame that is easy to push and maneuver. It is also rugged and low maintenance.

Manufactured by:





12154 Expand-O-Turn Roll Adapter

Capacity: 275 lbs

What it Does: Reduce the amount of space required to store your roll handling devices and use the same lifter! The Expand-O-Turn Roll Adapter can be used for a variety of different uses when moving rolls around your facility. By utilizing the same lifter, rolls can be received by lifting them with their cores vertically from a shipping pallet, and with the same machine now be placed onto a machine core!

Manufactured by:



17970 Series Pneumatic Expand-O-Turn

Capacity: 300 lbs

What it Does: The 17970 Series Pneumatic Expand-O-Turn is designed to lift and turn rolls by their cores and is perfect for palletizing, transporting and loading rolls. The roll handling unit is operated with the use of the pushbuttons making it efficient and easy to use. For paper and film rolls that have unique core sizes, the Expand-O-Turn uses a DC powered compressor for core expansion. Rolls of varying dimensions can then be safely handled.

Manufactured by:



Mechlift Roll Handling Unit

Capacity: 880 lbs

What it Does: The Mechlift is built upon telescoping aluminum profiles which are anodized, thus allowing for it to be practically maintenance free. The Electric Mechlift is an ergonomically designed moment absorbing lifter up to 1,000 Nm that has a step-less frequency steered lifting speed that is controlled via a joystick. Common applications for the electric Mechlift are the lifting and handling of materials in rolls or sheets, doors, and general auto parts.

Manufactured by:



12116 Series Adjustable Core Probe

Capacity: 160 lbs

What it Does: Designed for Lift-O-Flex systems; the 12116 Series Adjustable Core Probe can handle capacities up to 160 pounds but larger capacities are available upon request. Without the need for auxiliary equipment, rolls requiring offset loading can be now loaded onto spindles. Depending on loading requirements the same core probe that is used for centre access can be adjusted either to the right or left position.

Manufactured by:





12156 Series Powered Assist Devices

Capacity: 200 lbs

What it Does: Designed to handle heavy or awkward shaped loads this roll handling device is able to safely and efficiently remove and place the product on/off the roll handling unit. The 12156 Powered Assist Device gives you the best of both worlds; an ergonomically designed lifter paired with electrically powered assist allowing for effortless load manipulation!

Manufactured by:



12107-2 Series Expand-O-Turn

Capacity: 200 lbs

What it Does: This roll handling device is especially designed to be used for mounting operations, making it perfect for palletizing rolls or similar operations. The Powered Offset Expand-O-Turn has an electric adjustment and a manual option for optimal use.

Manufactured by:



12107-3 Series Expand-O-Turn Air Activated

Capacity: 250 lbs

What it Does: The 12107-3 Series Expand-O-Turn is an air-activated core expander which is designed for paper and film rolls. It can lift rolls of varying dimensions with 3" and 6" cores that weigh up to 250 pounds from a vertical position on the floor/pallet and place them at heights designated by the operator in a horizontal position. The Expand-O-Turn expander is switch operated and provides air to a bladder inside the expander mechanism.

Manufactured by:



12107-1 Series Expand-O-Turn

Capacity: 300 lbs

What it Does: The 12107-1 Series Electric Expand-O-Turn roll handling device is an electrically operated core expander designed for paper and film rolls with 3" and 6" cores. This roll handling device allows for you to manually rotate the roll of a variety of different dimensions, and rolls which weigh up to 300 lbs. The rolls can be picked up from the vertical position at floor/pallet level and deposited at random heights in a horizontal position.

Manufactured by:





12107-R Series Electric Rotate Kit

Capacity: 100 lbs

What it Does: Roll handling with just the touch of a button! The 12107-R Series Electric Rotate Kit is designed for Lift-O-Flex lift systems. This is an optional electric rotating tip that allows for the user to rotate rolls by their core from a horizontal to vertical position (or vertical to horizontal). This roll handling device offers the best of both worlds, with an electric expander which provides positive core gripping along with the ease of roll manipulation.

Manufactured by:



Expand-O-Turn Narrow Roll Handling

Capacity: 100 lbs

What it Does: One of the major challenges which face businesses that need to maneuver rolls around their facilities is trying to pick up rolls of a variety of widths and weights. With the addition of this piece of roll handling equipment, you will be able to pick up rolls of a variety of different widths and diameters.

Manufactured by:



12108 Series Anti-Telescopic Attachment

Capacity: 100 lbs

What it Does: The Anti-Telescopic Attachment is designed for all LIFT-O-FLEX systems and the EXPAND-O-TURN roll handling system. This attachment has the option of either being used with the electric or manually powered EXPAND-O-TURN, is built for custom or standard sizes, and is able to ergonomically handle rolls of varying sizes. The Anti-Telescopic Attachment is manually operated and used to stabilize rolls before they are rotated for placement onto spindles.

Manufactured by:



Bartholomy GW Self-Reel Feeder

Capacity: 1,102 lbs

What it Does: With the addition of this roll handling unit you will be able to ensure the easy and safe operation of moving rolls throughout your facility. This roll handling unit is small and compact allowing for you to have it when needed, but ensuring that it does not take up too much space when it is not. With the reel adjustment feature you can be assured that the reel will always be balanced.

Manufactured by:





Bartholomy RHH Reel Lifter Horizontal

Capacity: 8,818 lbs

What it Does: This roll handling unit allows for safe and secure material handling. By using this roll handling unit you will be able to safely move rolls without causing any safety concerns for your staff and ensuring the integrity of the roll stays intact.

Manufactured by:



Bartholomy AL Auto Lift

Capacity: 8,818 lbs

What it Does: This simple roll handling solution grips rolls by their cores ensuring no damage will occur to the product which it is lifting. This roll handling gripper is able to lift a variety of core sizes in between 30 - 650 mm in width. With its automatic gripping principle, this roll handling unit is the perfect addition to your material handling process and will allow for simple and safe operation throughout your business.

Manufactured by:



Bartholomy RH Reel Lifter

Capacity: 8,818 lbs

What it Does: With the addition of this roll handling unit, you will be able to pick up many different rolls that vary in size without worry. This roll handling unit ensures the simple and safe operation and movement of rolls. This unit is designed to be very sturdy and has an easy to use manual switch for the use of gripping and releasing rolls. This roll handling unit grips the rolls by their cores which helps to ensure that no product damage occurs during the transportation of the roll to its final destination.

Manufactured by:



Bartholomy ALG Auto-Lift Forklift Attachment

Capacity: 8,818 lbs

What it Does: Utilize your already existing technology with this roll handling forklift attachment that enables you to pick up and move rolls with your already existing equipment. This forklift roll handling attachment utilizes the core of the roll and allows for automatic switches from gripping and releasing, enabling the user to quickly and efficiently move rolls throughout the roll handling unit.

Manufactured by:





Bartholomy SW Self-Reel Feeder

Capacity: 1,763 lbs

What it Does: Ensure your employees are safe by implementing this roll handling solution within your facility. Designed with a simple operation which is purely mechanical this roll handling system is perfect for many applications. By gripping the rolls by their cores this roll handling unit is able to ensure that the product is not damaged throughout transit. This roll handling unit is also simple to install making it perfect for facilities that do not handle rolls all the time and only require a roll handling unit for occasional usage.

Manufactured by:



Bartholomy BW Self-Reel Feeder

Capacity: 11,023 lbs

What it Does: This roll handling unit is unique in its ability to be operated with a remote control and uses an electro-mechanic drive which helps to ensure the safe and easy maneuverability of rolls throughout your facility. This roll handling system also lifts rolls up by their cores helping to ensure the rolls are lifted safely and ensuring no damage occurs to them.

Manufactured by:





Roll Handling *Outside Diameter*

These roll handling accessories can help you optimize your material handling processes and improve upon your currently existing roll handling solutions. At R&D Ergo Ltd. we have a diverse line of Roll Handling Solutions that includes Hoist Based Systems, Portable Roll Handlers and Customized Roll Handling Solutions.

Which Roll Handling Solution will work best for you depends on a variety of factors such as industry, weight capacities, transportation needs, and job-specific demands.



Lift-N-Glide Roll Handling Unit

Capacity: 500 lbs

What it Does: The Lift-N-Glide is unique in the variety of load handling characteristics it contains. Though the Lift-N-Glide was primarily designed for roll handling, it does not just stop there; with the correct end effector it is able to complete a number of different tasks including lifting and moving products onto racking systems.

Manufactured by:



Off Set Rotating "V" Block

Capacity: 450 lbs

What it Does: Do you need to handle rolls with multiple drop-off locations? R&D Ergo Ltd. has the solution, the Off Set Rotating "V" Block. With this roll handling unit rolls can be rotated up to 90-degrees. Cross roll handling is achieved by rotating rolls onto spindles or a shaft can be inserted for off-loading to bearing blocks.

Manufactured by:



19000/19500 Lift-O-Flex Series Ergonomic Lifter

Capacity: 500 lbs

What it Does: This ergonomic lifter offers dynamic load handling characteristics for heavy load capacities. The 19500 provides a lift capacity of 500 pounds and the 19000 provides a lift capacity for 350 pounds. These material handling lifters allow for interchangeability to occur between different lifters which allows for adaptability to occur for different ergonomic lifting requirements.

Manufactured by:



Freedom Plus Lifter

Capacity: 770 lbs

What it Does: This roll handling unit was developed to handle loads which weigh up to 770 pounds. The Freedom Plus Lifter is designed with a modular build and is battery powered. This roll handling unit also offers a wide variety of lift heights and has a lightweight body due to its steel construction. This roll handling device was designed to provide a simple solution for your entire roll handling needs.

Manufactured by:





Flexographic Sleeve, Tube and Plastic Handling

Capacity: 300 lbs

What it Does: The Flexographic Sleeve, Tube and Plastic Handling solutions will meet your entire roll handling needs! The sleeve is picked up and rotated by the operator controls. This sleeve is specially designed in order to ensure that the product held inside is not damaged in any way during the lifting process, helping to ensure that delicate materials and products are kept safe and intact.

Manufactured by:



12133 Series Double Mast Squeeze-O-Turn

Capacity: 400 lbs

What it Does: The Double Mast Squeeze-O-Turn automatically centres loads onto the Lift-O-Flex and can handle loads up to 400 pounds. This is done through the use of three squeeze masts, two of which are electrically powered and one is not. The squeeze masts work together to grip and ungrasp loads and have a total of 22 inches of arm mobility.

Manufactured by:



Tip Module

Capacity: 200 lbs

What it Does: The Tip Module attachment is designed to offer an additional axis of movement for roll handling devices which allows for the elevation change necessary for load drop off and pick up. The Tip Module can be mounted to many custom or standard roll handling units. This roll handling attachment is able to be used to pick up a wide variety of items including rolls, electronic devices, rolls, totes, drums and cartons.

Manufactured by:



80015 Cloth Roll Handling

Capacity: 200 lbs

What it Does: Designed for the LIFT-O-FLEX series of Ergonomic lifters, this roll handling attachment is perfect for lifting and maneuvering cloth rolls. This roll handling attachment comes in two forms in order to meet your cloth roll handling needs: Vertical to Horizontal Roll Handling and Horizontal to Horizontal Roll Handling.

Manufactured by:





12134 Lift-O-Squeeze

Capacity: 170 lbs

What it Does: The 12134 Lift-O-Squeeze is designed for the Lift-O-Flex series of Ergonomic lifters. This device makes use of standard components to create a product that does it all when it comes to lifting rolls, drums, cartons and barrels weighing up to 170 pounds. The Lift-O-Squeeze adapts to different load sizes and is easy to configure. It will also never damage the products that it works with due to its gentle and controllable force throughout the entire operating process.

Manufactured by:



12120 Series Squeeze-O-Turn

Capacity: 300 lbs

What it Does: The 12120 Series Squeeze-O-Turn is a combination of the Lift-O-Turn and the Lift-O-Squeeze. The result of this combination is a product that assists in providing ergonomic load handling for rotating and lifting barrels, rolls, buckets, boxes and drums. The Squeeze-O-Turn Arms hold the product(s) in place throughout rotation, transport and lifting to ensure that product handling is handled with a controlled, gentle force.

Manufactured by:



13200 Series Sliding Forks

Capacity: 60 lbs

What it Does: This roll handling device is designed with sliding forks which allows for the operator to manually extend and retract the forks with the roll on it. This roll handling unit allows for the user to manipulate rolls up to 60 pounds with approximately a 10" stroke. This roll handling unit can be used for a variety of different applications and industries such as manufacturing and automotive, food and beverage, pharmaceutical, hospital, warehouse, and retail.

Manufactured by:



Manual Portable Roll Handlers

Capacity: 500 lbs

What it Does: The MRH can be combined with a wide variety of tooling and lifting attachment options such as universal roll handling mandrels, spreader bars, lifting eyes, cradle platforms as well as custom designs. With a quick-change tooling feature, lifting attachments can be changed without the need for tools. The self-locking mechanical lifting system makes raising and lowering loads up to 500 lbs fast and easy.

Manufactured by:





HRL-250-C Roll Lifter

Capacity: 250 lbs

What it Does: These products are hoist based horizontal roll lifters which cradle the rolls, leaving the core free for other applications. Some of the standard features of this roll handling unit include: it is easy to position and control, it has a simple low-maintenance design, and it is built with a high-strength solid construction body. The HRL-250-C roll handling unit can quickly be adjusted for varying roll widths in order to ensure the exact horizontal positioning with its standard moveable hoist point mechanism.

Manufactured by:



Delta-Outside Clamp

Capacity: 2,200 lbs

What it Does: The Delta-Outside Clamp is able to lift and turn rolls by utilizing their outside diameter to lift them allowing for the user to palletize, transport and load rolls of a variety of sizes up to 2,200 lbs (1,000 kg). This roll handling lifting device is often used to clamp on the outside diameter of large rolls and turn them in order for them to be moved and stored in a different location of your facility.

Manufactured by:



HRL-1000-C Horizontal Hoist Based Roll Lifter

Capacity: 1,000 lbs

What it Does: The HRL-1000-C hoist based roll handling unit is designed to assist operators in capably lifting rolls that weigh up to 1,000 pounds. This hoist based horizontal roll lifter was designed with cradle tooling, and has a modular design which makes it easy to position and control. Some of the options and accessories available include: integrated hoist controls, cradle pads, custom configurations, and mounting brackets for hoist pendants/controls.

Manufactured by:



HRL-500-C Horizontal Roll Lifter

Capacity: 500 lbs

What it Does: The HRL-500-C Roll Handling Unit is: low cost, easy to use, made in the U.S.A. economical, safe and has a modular design. This roll handling system has a maximum load capacity of 500 pounds and a maximum roll width of 24 inches. In addition, this hoist based horizontal roll lifter is designed with cradle tooling and was made to help operators efficiently lift rolls.

Manufactured by:





Paper Roll Handling Lifts and Grippers

Capacity: 1,200 lbs

What it Does: Pick up and transport rolls with ease, with several different clamps available for specific ranges of roll diameters. Many of these roll handling systems are able to grip paper rolls, and rolls of a variety of materials. With three different RCR clamp sizes available, enabling you to pick up various size roll diameters.

Manufactured by:



Self-Powered Roll Transporters

Capacity: 1,000 lbs

What it Does: These roll handling systems are perfect for moving rolls from pallets to converting machines, can easily move through tight areas, and are able to fit through a 30" wide doorway and aisle. With its compact size, this drum handling system is able to quickly and efficiently move throughout your facility, enabling you to optimize your material handling process.

Manufactured by:



Easy Lift Roll Manipulator

Capacity: 500 lbs

What it Does: This narrow roll handling unit are perfect for moving rolls through narrow aisles within your facility and is able to manipulate rolls weighing up to 500 lbs. This roll handling system also has a foot floor lock ensuring that this roll handling system is safe to use. With 360 degree rotation and a power clamp and lift you can be assured that this roll handling system will optimize your workplace efficiency while also preventing employee injuries.

Manufactured by:



Easy Lift Roll Transporter

Capacity: 600 lbs

What it Does: These roll handling units will enable you to optimize your roll handling process with the option of an aluminum roll post or stainless steel V-Pans, enabling you to safely move rolls throughout your facility. This roll handling system is designed in order to be able to rotate with manual rotation.

Manufactured by:



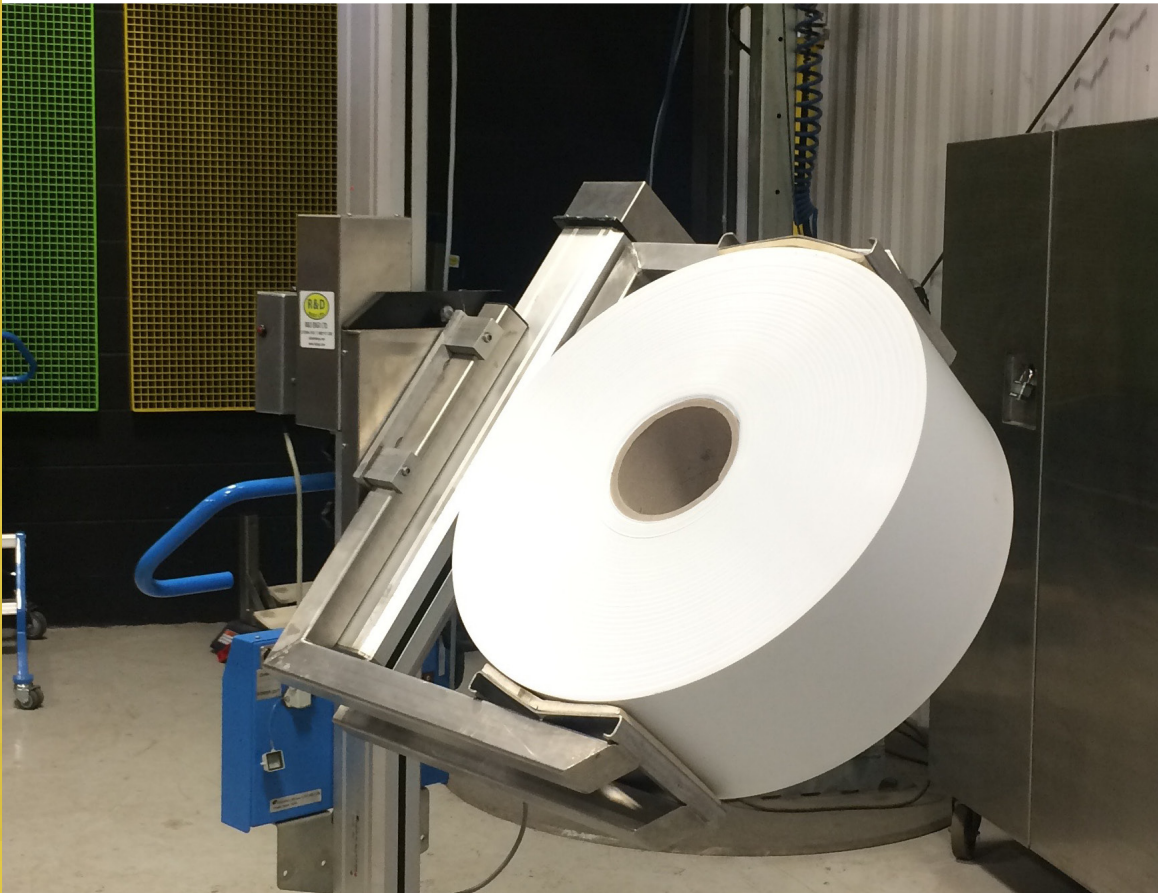
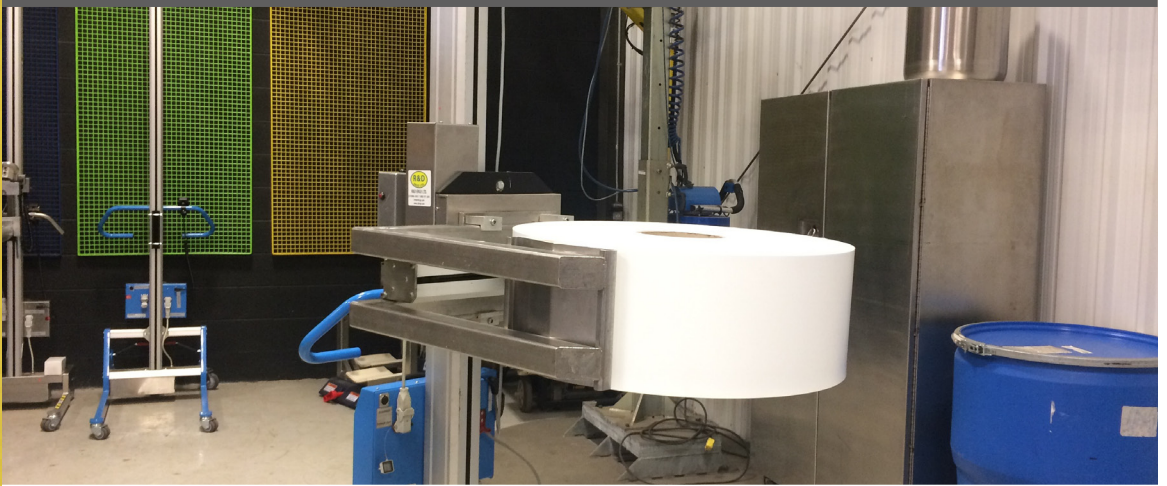
Easy Lift Roll Manipulators

Capacity: 6,000 lbs

What it Does: This roll handling system has two distinct models, the RH4000 which has a 4,000 lb capacity and the RH6000 which is able to transport rolls weighing 6,000 lbs! The rolls are supported by two fixed roll support arms and are lined with a white non-marking SBR rubber in order to cushion the roll and prevent any damage from occurring to the rolls.



Manufactured by:





Workstation Lifting Balancers, Jibs and Rails

R&D Ergo Ltd. specializes in lifting equipment and all of our Jib Cranes are designed in order to safely and efficiently move materials under 500 lbs. We have a variety of lifting equipment available including Balancers, Jib Cranes and Rail Systems. R&D Ergo Ltd. specializes in ergonomic Jib Cranes under 500 lbs, coupling systems with Vacuum Handlers and Hoists are primarily what most of our customers request, offering a complete ergonomic material handling solution. Working alongside our trusted and reliable suppliers, we combine expert service and parts to create both standard and custom systems that are not only reliable but affordable.

Balancers



B Balancers

Capacity: Up to 900 kg at 100 PSI Kg

What it Does: The Ingersoll Rand "B" series balancers come standard with NO CONTROLS, and are designed for integration with an end effector or handling device that includes a control package.

Manufactured by:



BA Balancers

Capacity: Up to 900 kg at 100 PSI Kg

What it Does: These balancers have no pendant controls and are used for single load suspending applications either at a fixed height or where both hands are used to manually raise, lower and position or "Float" a load. The operator experiences virtually no part weight or resistance in manipulating the load.

Manufactured by:



EA Balancers

Capacity: Up to 900 kg at 100 PSI Kg

What it Does: Ingersoll Rand "EA" series balancers are used for handling multiple (up to 3) loads within a 40 lb (18.1 kg) weight range without the need to adjust the controls. When the pendant is in the LO- and UN-LOAD position, balancer air pressure is released to allow the lighter loads to be in balance. When the pendant is in the HI-LOAD position, no pressure is released, and the heaviest load can be balanced.

Manufactured by:



IntelIFT - Basic

Capacity: Up to 454 kg at 100 PSI Kg

What it Does: The IntelIFT® Basic unit comes with no controls and is designed to be integrated with a Handling Device and operated with the Handling Device's control package.

Manufactured by:





IntelLIFT - Force Sensing Control

Capacity: Up to 454 kg at 100 PSI Kg

What it Does: The IntelLIFT® "IC" series balancers come standard with a force-sensing load cell that converts small levels of operator force into up/down movement through the full lifting range, without the need for up/down pendant controls. These models also come equipped with a 12 ft (3.7 m) twin-bonded pre-coil cable including air hose and electronic control hose.

Manufactured by:



ZA Balancer

Capacity: Up to 900 kg at 100 PSI Kg

What it Does: The Ingersoll Rand "ZA" series balancer is the most common, and is designed for high speed and precision handling of variable weight loads. Up/down movement is accomplished through the use of an ergonomically designed pendant with low-effort, colour coded thumb levers. After positioning the load with the pendant control, the unit defaults into a "Float" mode that allows the operator up to 18 in (457 mm) to manually adjust the load for final positioning.

Manufactured by:



Intelligent Lifting Devices

Intelligent Lifting Devices combine the industry's finest, thoroughly proven, mechanical balancing technology with the intelligence of precise, reliable electronic controls. This innovative combination provides operators with a safe, ergonomically beneficial, and highly flexible solution that can enhance productivity and cost savings. A complete line of end effectors can be used with the controls for greater efficiency.

Manufactured by:



Mechanical (Spring Balancer)

Gravity Free Mechanical Spring Balancers are designed for intermediate-duty, heavy-duty, and super-duty, providing ergonomically sound material handling solutions.

Additional Balancer Features

- Precise, strain-free positioning allows operators' hands-free to raise, lower, or shift heavy loads with virtually no resistance.
- Built-in safety features include overload protection and cable recoil breaks.

Manufactured by:



Jib Cranes



Freestanding Jib Cranes

We specialize in Freestanding Jib Cranes under 500 lbs. Freestanding Jib Cranes offer 360-degree rotation and are ideal for both indoor and outdoor applications, where Overhead Cranes are not feasible. The primary benefit of a Freestanding Jib Crane is the primary functionality of the system in that they are engineered to stand alone and require no building support. Recognized as the most versatile Jib Crane, Freestanding Jib Cranes are perfect for underneath Overhead Bridge Cranes, in open areas, and outdoor applications such as loading docks.

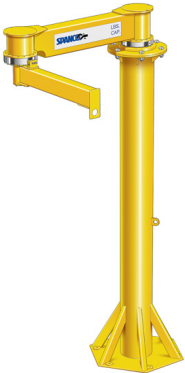
Manufactured by:



Workstation Jib Cranes

Workstation Jib Cranes are traditionally freestanding, however, wall mounted and overhead systems are available. Standard capacities are up to 1,000 lbs, greater capacities or custom systems are available upon request. R&D Ergo Ltd. specializes in ergonomic Jib Cranes under 500 lbs, coupling systems with Vacuum Handlers and Hoists are primarily what most of our customers request, offering a complete ergonomic material handling solution.

Manufactured by:



Articulating Jib Cranes

Our articulating jib cranes can be mounted on your floor, wall, ceiling, or bridge crane to best suit your needs. These jib cranes support nearly any type of manipulator, balancer, or hoist. Our standard spans are up to 16', and capacities range from 150 lbs to 500 lbs. Articulating Jib Cranes can lift loads around corners and columns, reach into or under machinery and containers, and service virtually any point between the pivot anchor and the far reach of the boom. Jib Cranes provide a significant return on investment through drastic increases in productivity, reduction of workplace injuries, and improved safety within your facility.

Manufactured by:



Mechline Pro Crane

Capacity: 110 lbs

The Mechline Pro Crane is a versatile articulated jib crane which has an integrated wire balancer. This jib crane can be adapted to each individual workplace; with a reach of 5 meters and a height-adjustable floor pillar. A mobile platform can be added to this unit so you can easily move the Mechline Pro Crane between different workstations with something as simple as a pallet truck.

Manufactured by:





Movomech Monorails

Capacity: 2,200 lbs

What it Does: Movomech includes a line of Rail Systems including electric, pneumatic, and vacuum. Through a series of suspensions and trolleys, one can easily build complete systems, even with extensions and accessories as needed. These smooth-running trolleys make sure that PHB cranes can be moved rapidly and repeatedly without harming the loads. If roof-mounting is unavailable, the Movomech line can be mounted into the ceiling or floor-mounted steel structures.

Manufactured by:



MOBI-Crane Series M

Capacity: 185 lbs

What it Does: MOBI-Crane Series M is a portable jib crane with an articulating arm designed to aid in manual lifting of items up to 185 lbs. The crane's mobility is accomplished by either a standard pallet jack or forklift. The M Series (Mechanical) is designed for indoor use, and can be combined with a variety of grippers.

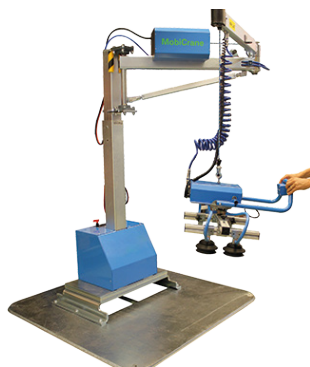
Manufactured by:



MOBI-Arm

What it Does: The MOBI-Arm offers all the advantages of the Mobi-Crane line with the ability to add a wide range of end effectors and manipulators. The MOBI-Arm achieves its mobility with the use of a pallet jack allowing the crane to be placed where it is required. The articulating arm is available in 10', 8'-2", 6'-8" lengths, with a tower that is adjustable from 10'-4" to 7'-1" with 4" increments of adjustment in between.

Manufactured by:



MOBI-Crane Series PV

Capacity: 185 lbs

What it Does: MOBI-Crane Series PV is a portable jib crane with an articulating arm designed to aid in manual lifting of items up to 185 lbs. The crane's mobility is accomplished by either a standard pallet jack or forklift. The PV Series (Pneumatic) is designed for indoor use, and can be combined with a variety of grippers.

Manufactured by:



Portable Jib Cranes

Portable Jib Cranes provide a unique design and unmatched versatility, which allows for easy transportation with a fork truck. Our complete line of Portable Jib Cranes offers an easy, ergonomic lift and transfer of repetitive loads. Our fully Portable Jib Cranes eliminate costly site preparation costs which are required by conventional floor mounted Jib Cranes. This revolutionary design can be easily transported by a fork truck on the shop floor, providing ergonomic lifting solutions for multiple use applications. Arguably our most versatile Jib Crane, once the job is complete this system can be easily moved, unlike traditional Jib Cranes.



Custom Solutions



Have a need for material handling equipment that you think is highly customized and very expensive? You needn't consider it a problem anymore because at R&D Ergo Ltd. we have a full range of high-end ergonomic material handling equipment. We also have a senior management team with over 70 years of experience and a highly trained staff of design engineers, salespeople, site auditors, safety inspectors and ergonomic specialists. With such a team we make sure that you not only get the right material handling equipment but are provided with a host of other before and after sale services.

Our material handling specialists will start by visiting your site in order to analyze exactly what material handling equipment is needed to optimize the ergonomics at your workplace. Following this visit we will offer our expert professional advice, and present to you our recommended material handling solution. Once the system has been agreed upon we will design, manufacture and install it. When the system has been installed our material handling specialist will come and train your staff on how to properly use the equipment.

Our line of high-end ergonomic material handling equipment includes customized workspace solutions such as rail systems and accompanying crane systems and trolleys, vertical conveyors, special use lifts, mobile cranes and dumpers. We also have an entire range of material handling equipment for light to medium use applications, such as pallet handling equipment, turntables, stackers, portable cranes, monorail end effectors, power carts and power movers.

Turn-Key Solution.



Consult



Engineer



Design



Manufacture



Install and Inspect



Commission

End Effectors



Gripper End Effector

Gripper End Effector Systems come in a variety of styles, such as the simple two-finger grippers which are used by the vast majority of industrial overhead lifting systems. Unfortunately, many of the standardized gripper end effector systems are not flexible enough in order to handle a large variety of materials and applications, which is why industrial gripper designs are often custom made with one dedicated application in mind.



Magnetic End of Arm Tooling

These systems are ideal for moving large steel components like sheet metal, automotive or construction parts, machine dies and hydraulic cylinders. As long as the item is magnetic, then a magnet end lifter should be your first choice of an end effector, which is why the magnetic end of arm tooling devices are most often used in manufacturing and automotive industries where the use of metal parts is common.



Manual End Effector

End Effectors can be operated in two different ways: manually or mechanically. Mechanically operated end effectors are perfect for operations that are simple and repetitive, but if you want something that allows you to have more control and versatility, a manual end effector will suit your needs the best. Manual end effectors are custom designed to the shape of your part and are a cost-effective solution.



Vacuum End of Arm Tooling

Vacuum End Effectors are used in many different versatile ways and are capable of moving large items of significant weight. Some items they are often used to lift include metal sheets and car hoods. By utilizing a vacuum system instead of a magnet system they can also pick up non-magnetic materials such as wood, stone, and glass.



Pick and Place Lifting Devices

These Pick and Place End of Arm Tooling systems specialize in moving one item from one location to another. Pick and Place Lifting Devices are perfect for companies that have to load or unload many products. They help to increase the efficiency of the workplace while also decreasing the number of workplace injuries. Pick and Place End Effectors are most commonly used within the food and beverage industry. Their main purpose is to pick an item up and place it down into another location.



Clamp End Effector

Specializing in picking up and moving items, these clamp end effectors have two metal pieces that tighten in order to lift up the desired item. Clamp End Effectors are able to handle a large variety of different items making them useful for many applications. These custom devices act as a way to speed up production and are an ergonomic solution because they help to reduce the amount of pressure placed on an employee by reducing the amount of twisting, lifting and bending required within a workday.



COMPLIANCE

ARE YOU SERIOUS ABOUT YOUR LIFTING DEVICE SAFETY INSPECTION PROGRAM?

Here Are Some Must Haves
For Your Inspection Contractor:

Liftsafe Group

Liability Insurance - 5M →



E&O Professional Liability Insurance - 2M →



Automobile Insurance - 5M →



WSIB Insured Employees →



H&S Policy/Training →



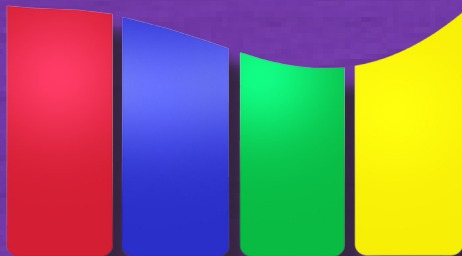
On-Line Document Management System →



Licensed and Compliant Crane & Hoist
Technicians According to the CSA B167-16
Standard →



All Supporting Documentation in
Accordance with Legislation →



Liftsafe Group of Companies

Let Liftsafe Group of Companies Assist You With Your Due Diligence!

We Can Help with Compliancy

Many of our Products and Services Can Provide You With Industry Specific Requirements to Meet Your Regulations.

OHSA Regulation 851 - ***Industrial Establishments***

OHSA Regulation 213/91 - ***Construction Projects***

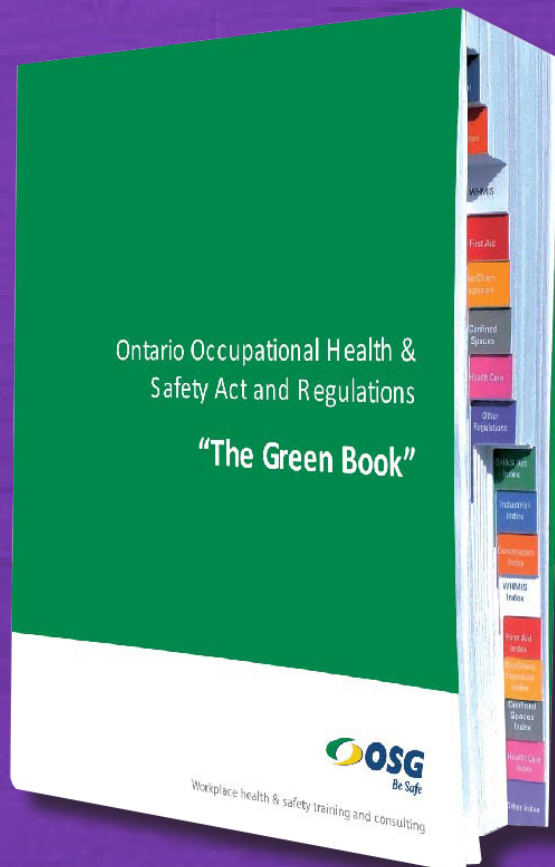
OHSA Regulation 67/93 - ***Health Care and Residential Facilities***

OHSA Regulation 629/94 - ***Diving Operations***

OHSA Regulation 714/94 - ***Firefighters - Protective Equipment***

OHSA Regulation 855 - ***Oil and Gas - Offshore***

OHSA Regulation 859 - ***Window Cleaning***



Our Customer Portal Site:

Your Secure On-Line Filing Cabinet.

- Secure access to your on-line documents.
- Portal Notifications providing you with important milestone reminders, which can be customized and turned on and off.

Inventory Management Folder

- This tool allows users to change the location of the equipment, delete equipment, manage specific inspection intervals and request services.

Scheduling Folder

- This tab allows you to easily track our scheduled dates, times and technicians for specific work at your sites.

Orders/Quotes Folder

- This tab allows the user to view all orders and quotes, their status, and provides an email approval option.

Inspection Folder

- This tab provides all inspection documentation including photos and reports; we ID each piece of equipment with a unique number for easy tracking for the life of the equipment.



Maintenance Folder

- Maintenance Forms allow easy viewing and work history of maintenance and repairs performed on each piece of equipment.

Visit Summary Folder

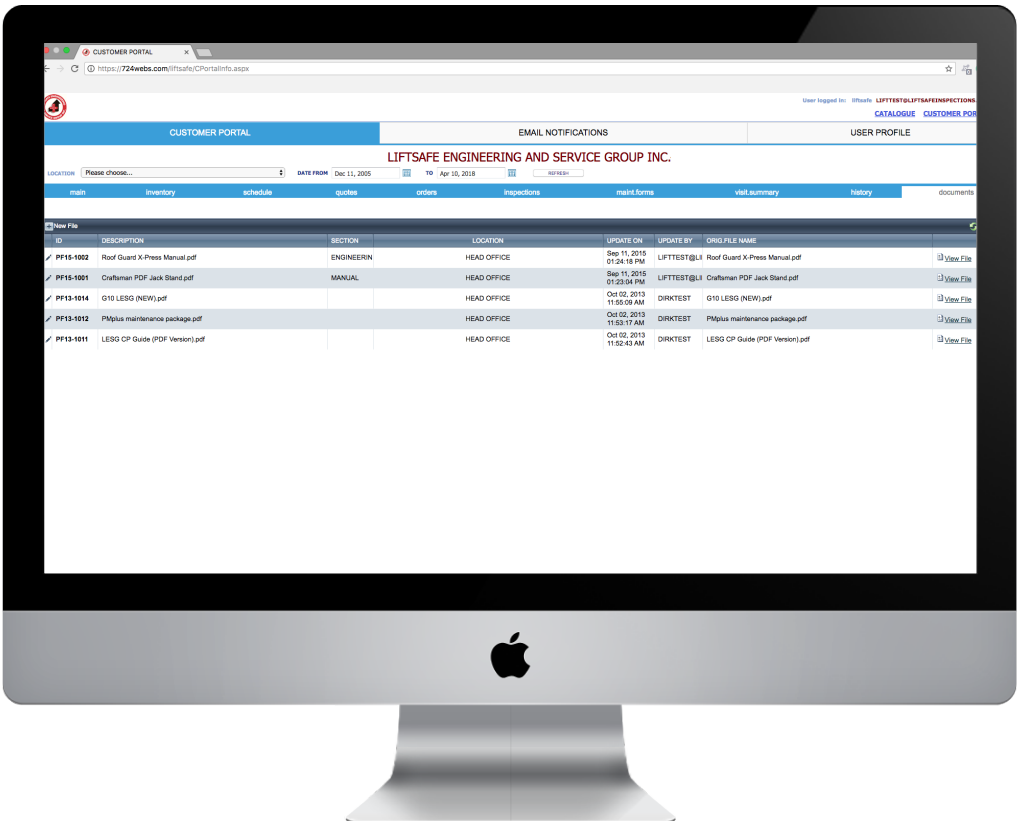
- Allows a detailed summary of work that was performed. The Visit Summary PDF will provide a printable report detailing:
 - Work performed
 - Status of equipment by type
 - Comparison graph from previous inspections
 - Equipment not inspected based on our equipment inventory so that nothing is missed

History Folder

- This tab provides a suite of tools for the user to drill down all information on one piece of equipment, including Inspection Certificates, Maintenance Forms, and Cost of Services Provided to maintain each piece of equipment.

Documents Folder

- This tab is a tool which allows the user and our team to upload important files and relevant documents for easy access for both the user and our staff.
- These documents can include:
 - Engineering Files
 - Purchase Orders
 - Equipment Manuals
 - Our WSIB and Insurance Forms
 - Contract/Tender Information
 - XLS Files Containing Equipment/Inspection Information



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