



**super  
20 YEARS of slings inc.  
Secure Solutions**

**RIGGING CATALOG**

[www.superslings.ca](http://www.superslings.ca)

# SECURE SOLUTIONS



North Office

**Address**

505 - 11 Avenue  
Nisku, Alberta  
Canada, T9E 7N5

**Phone**

780-955-7111



Secure Solutions

[info@superslings.ca](mailto:info@superslings.ca)

South Office

**Address**

7620 Edgar Industrial Drive  
Red Deer, Alberta  
Canada, T4P 3R2

**Phone**

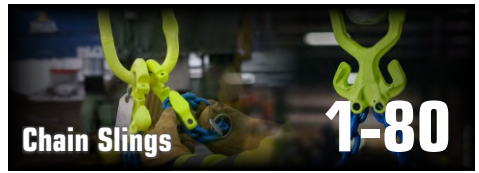
403-406-4996



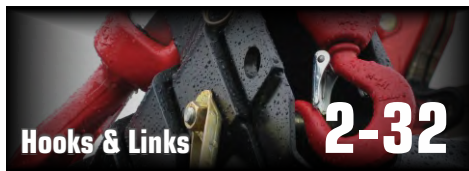
**LIFT IT UP TIE IT DOWN PULL IT AROUND**

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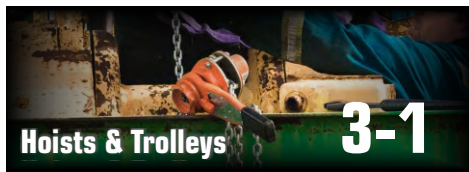
## SECTION 1 - LIFTING SLINGS



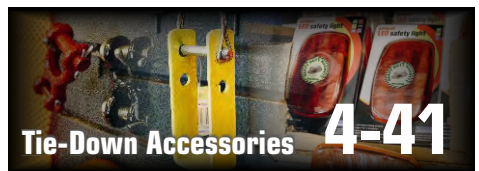
## SECTION 2 - RIGGING HARDWARE



## SECTION 3 - MATERIAL HANDLING



## SECTION 4 - CARGO CONTROL



## SECTION 5 - ROPE & CORDAGE



Sling Protection
Web Slings
Round Slings
Synthetic Chain Slings
Wire Rope Slings
Chain Slings
Shackles & Turnbuckles
Hooks & Links
Lifting Points
Hoists & Blocks
Lifting Devices
Pipe & Hose Restraints
Tie Down Assemblies
Tie Down Accessories
Towing & Recovery
Rope & Cordage

Sling Protection  
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Tie Down Accessories  
Towing & Recovery  
Rope & Cordage

## OUR COMPANY

Founded in March of 2000 Super Slings has become a leading supplier and manufacturer of rigging & safety products to the oil and gas, energy production, drilling, mining, transportation, manufacturing, entertainment and construction industries. Being 100% locally owned and operated, Super Slings Inc has established itself as a reliable source for quality, safety and exceptional service. We have a fully equipped facility, including a full line of rigging manufacturing equipment as well as a Roberts & Wirop test bed with capacities up to 300 tonne, hoist test stand, magnet break-away test stand, socket pouring stand and rope coilin and counting machine.

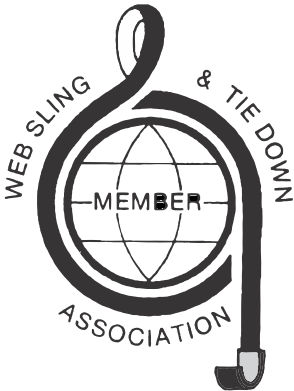
**Super Slings Inc** also provides a unique, fully stocked showroom to help you find exactly what you're looking for. Our highly trained and certified staff is devoted to providing our customers with the best service and the highest quality products. We offer inspection, repair and certification services for all types of rigging, lifting, load securement and pulling applications. At Super Slings we strive to be innovative, which is why we are proud to provide leading edge products such as our High Performance sling tagging, RUD Lifting products, Van Beest Green Pin® products, Tiger Hoisting products and many more.



## MISSION STATEMENT

Our goal is to be a leader for all Secure Solutions. Dedication, Research, Knowledge, Integrity and Team Work will provide us with the skills and ability to give our clients the best quality in service and products available. This pursuit will ensure the future safety and success of our company and all in the industry.

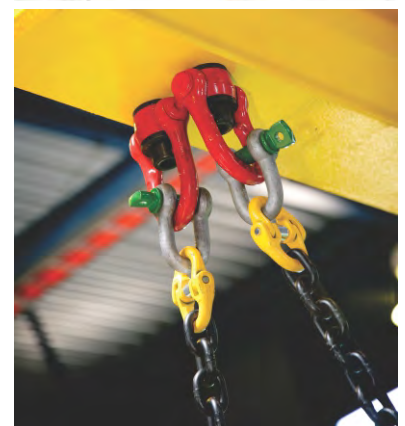
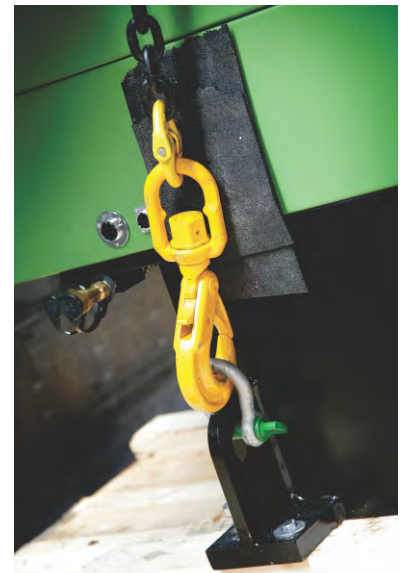
## ASSOCIATIONS



The **Web Sling & Tie Down Association** is the "largest non-profit, technical organization dedicated to the safe operation of all synthetic web slings and tie downs". Formed in 1973 as the Web Sling Association, WSTDA develops and promotes voluntary standards to the safe construction and usage of webbing, web slings, round slings, tie downs, and chain binders. Super Slings has been a member and active participant in the Web Sling & Tie Down association since 2001.



The **Associated Wire Rope Fabricators** was formed in 1975 and incorporated the following year by a group of concerned businessmen who felt there was a need for sling fabricators and special rigging components manufacturers to join together to form a trade association. Originally created by representatives from nine companies in the United States, in two decades the organization grew to address the needs of over 400 member companies worldwide. AWRF promotes interests common among companies manufacturing, fabricating, or distributing lifting, rigging and load securement devices made of chain, rope, and synthetic products.



# QUALITY

## OUR QUALITY COMMITMENT

Super Slings Inc. makes quality a top priority by ensuring that the products and services we provide meet and/or exceed customer requirements as well as industry standards. We comply with our policy requirements to continually improve the effectiveness of our Quality Management System. Traceability is carefully maintained for all products manufactured at Super Slings Inc.

Aaron Giesinger  
President & CEO



SUPER SLINGS INC., in its goal to strive for excellence, considers the following principles integral in the development and ongoing implementation of its Quality System:

- Being a customer focussed organization.
- Providing leadership in the maintenance of its Quality System.
- Involving people in the development and maintenance of its Quality Management System and business operations.
- Incorporating a process approach to the development and implementation of its Quality Management System.
- Using a systems approach to management allowing for a factual approach to decision making.
- Providing an environment for continual improvement.
- Establishing a mutually beneficial supplier relationship.

This process model is based on ISO 9001:2015 – Quality Management Systems Requirements and is used to illustrate the process linkages.



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Round Slings
Synthetic Chain Slings
Wire Rope Slings
Chain Slings
Shackles & Turnbuckles
Hooks & Links
Lifting Points
Hoists & Blocks
Lifting Devices
Pipe & Hose Restraints
Tie Down Assemblies
Tie Down Accessories
Towing & Recovery
Rope & Carriage



## LOCATIONS

### NISKU - Head Office

505 - 11 Avenue  
Nisku, Alberta  
Canada T9E 7N5

Phone: 780-955-7111  
Fax: 780-955-7199

### RED DEER - South Office

7620 Edgar Industrial Drive  
Red Deer, Alberta  
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Phone: 403-406-4996  
Fax: 403-496-4997



[www.superslings.ca](http://www.superslings.ca)



[twitter.com/SuperSlingsInc](https://twitter.com/SuperSlingsInc)



[instagram.com/superslingsinc/](https://www.instagram.com/superslingsinc/)



[facebook.com/superslingsinc/](https://www.facebook.com/superslingsinc/)



[linkedin.com/company/super-slings](https://www.linkedin.com/company/super-slings)



[youtube.com/superslings](https://www.youtube.com/superslings)

## SHOWROOM

Our fully stocked showrooms in Nisku and Red Deer offer our customers the unique experience to find exactly what they need to get the job done right.



# SLING FABRICATION



All Super Slings Fabricators are trained and tested by ITI (Industrial Training International) through the Qualified Sling Fabricator course and have passed both written and practical exams to prove competency. At Super Slings we have the capability to manufacture and distribute a wide variety of rigging options to suit any need!

## SLING FABRICATION OPTIONS

- Wire rope slings up to 1-1/2" in-house. Larger sizes available through special order.
- Grade 80 & 100 chain slings and components up to 3/4" in-house. Larger sizes available through special order.
- Wide variety of rope sling options, including 3 strand, single braid, and double braid.
- Tow ropes manufactured in-house up to 2-5/8".
- Web slings up to 12" (material width)
- Polyester round slings up to 90,000 lbs standard and 1,000,000 lbs + through special order

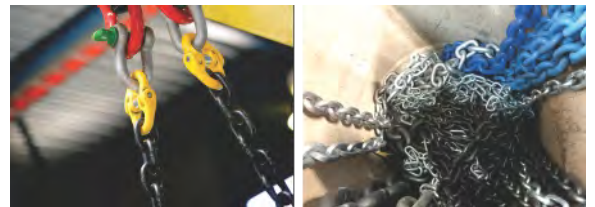
### Wire Rope Slings

All of our wire rope slings are made with EIPS IWRC wire rope unless otherwise specified. We have the capability to splice up to 1-1/2" diameter in our shop. Single slings, multi-leg bridles, custom assemblies are all available!



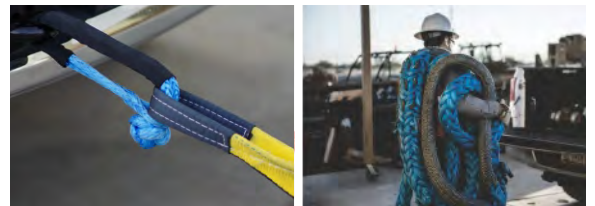
### Chain Slings

Our grade 120, grade 100 or grade 80 chain sling components come fully load tested from the manufacturer. Each chain sling ordered will be tagged with all of the essential chain sling information stamped on to the tag, along with the personalized serial number for that sling. Customers will also be provided with a test certificate for each chain sling.



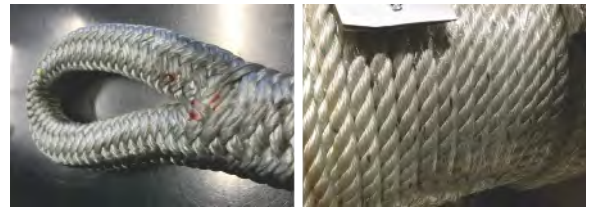
### Rope Slings

We can custom build a wide variety of rope slings, including eye & eye slings, adjustable transformer slings, multi-leg bridles, and tool bag lifting slings. Custom sizes, lengths, and designs can be quoted!



### Tow Ropes

Our tow ropes are some of the strongest and most versatile on the market. Constructed from a high-strength double braid or 3-Strand cordage, they can take the all of the punishment that you can dish out. All tow-ropes are made-to-order and are available in custom lengths. All tow ropes come with cordura sleeves in the eyes, but multiple options are available for extra protection on the eyes or the body of the tow rope.



### Synthetic Slings

Our synthetic slings are typically available in 2ft increments up to 30ft as well as custom lengths. All synthetic slings come with high density plastic, weather resistant tags. Other options such as full body cordura wrap for web slings, and extra cordura sleeves for endless round slings are also available.



- Sling Protection
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- Rope & Cordage

# INSPECTIONS & REPAIRS



## IN-HOUSE INSPECTIONS

Super Slings is committed to providing thorough and cost-effective rigging inspection services that comply with all procedures recommended by ASME, OH&S, and manufacturers. Staffed by a team of technicians with extensive knowledge and an outstanding industry reputation, our Service Centre works with you during every step of your operation to ensure that your rigging meets the highest standards of integrity and safety. All Super Slings Inspectors are trained and tested by ITI (Industrial Training International) through the Rigging & Inspection Program and have passed both written and practical exams to prove competency.

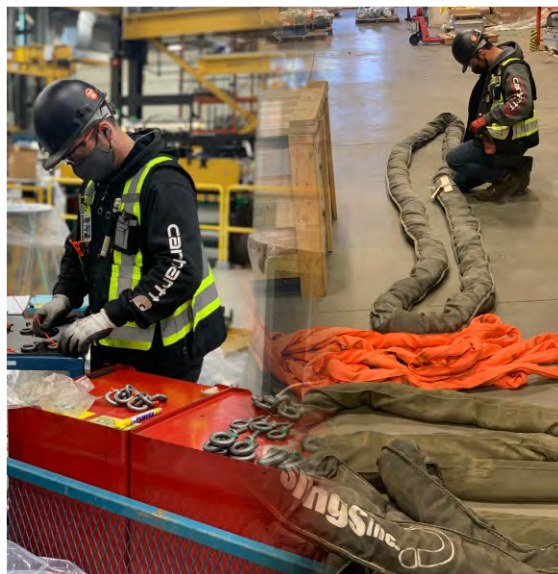
### We Can perform Inspections and Repairs for the following products and more

- |              |               |         |               |
|--------------|---------------|---------|---------------|
| Web Slings   | Chain Slings  | Swivels | Plate Clamps  |
| Round Slings | Lifting Hooks | Hoists  | Lifting Beams |
| Wire Rope    | Shackles      | Magnets | Fall Arrest   |



## ON-SITE INSPECTIONS

One of the best safeguards against sling failures that can cause property damage, injury, or even death, is a proper sling and rigging inspection program. On-Site rigging inspections are also a great way to keep all rigging up to date with inspection requirements without having to send them off site. Our inspectors can come to your facility or job site and provide inspections for a wide variety of rigging and lifting hardware.



Super Slings inspectors are trained and tested by **Industrial Training International** to ensure our customers receive the highest quality and most reliable inspection possible. All slings and rigging are inspected to the most recent Alberta OH&S, ASME and manufacturer standards, codes and requirements.

Our Inspection program utilizes Supertrac FieldID to maintain an online database of all inspections and testing for every serialized sling and hardware product. These records are available 24 hours a day, 365 days a year and can be accessed by anyone with a username and password.

We will work with you to determine the most practical and cost efficient frequency of your sling inspections. We can perform inspections annually, semi-annually, quarterly or even monthly depending on the severity of work in which you use your rigging.

## REPAIRS

Super Slings technicians have the knowledge and experience to repair and re-certify all slings back to ASME, local regulations and the highest quality standards in the industry.

All sling repairs are then tested in accordance with industry standards and supplied with inspection and testing certificates.



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# Your Inspection & Testing Records Online 24 / 7 / 365



**When it comes to heavy lifting, don't leave safety hanging.**

With Super-trac FieldID, safety inspections on all types and sizes of industrial rigging equipment can be conducted with one click.

- Chain
- Wire rope
- Synthetic slings
- Chain Hoists
- Plate Clamps
- Lifting Magnets
- Shackles
- Eye Bolts
- Hoist rings
- Lifting Beams
- More!



## Your Challenge

When you're dealing with multiple worksites and numerous pieces of equipment, it can be a stretch to manage it all - visual inspections, certificates, product identification...the list goes on.

- Excessive paperwork
- Management of proof test certificates
- Guesswork in inspection standards – i.e. ASME standards
- Difficulty in distinguishing between rigging products

## The Super-trac FieldID advantage

With Super-trac FieldID's one click identification and data storage system, managing the compliance of your rigging has never been easier.

- No questions - All documentation is digitized and stored securely
- Identify and distinguish products on the job site
- Safety standards are built right into Super-trac FieldID
- 24/7 access online to equipment compliance status.



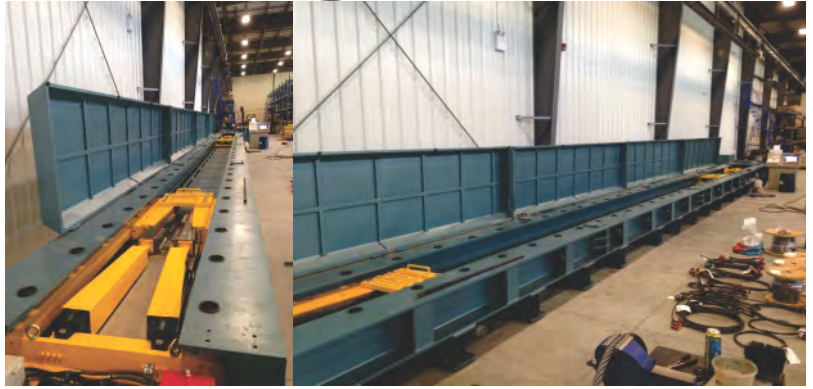
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## TESTING

### HORIZONTAL TEST BEDS:

#### WIROP 300

Capacity: 300 Tonne (660,000 lbs)  
 Length: 18m (59.5 feet)  
 Accuracy: +/- 1% for the range 10-100 % will calibrate according to ASTM E-4 or ISO 7500. The low range is to cover 1"10 % of load cell capacity.  
 Inside Width: 76cm (30in)  
 Inside Height: 51cm (20in)



#### ROBERTS 75

Capacity: 34 Tonne (150,000 lbs)  
 Length: 8m (26.5 feet)  
 Accuracy: +/- 1% for the range 10-100 % will calibrate according to ASTM E-4 or ISO 7500. The low range is to cover 1"10 % of load cell capacity.  
 Inside Width: 86cm (34in)  
 Inside Height: 60cm (24in)



### HOIST TEST STAND

Capacity: 12 Tonne (26,400 lbs)  
 Stroke: 15.5cm (6in)

Inside Width: 51cm (20in)  
 Inside Height: 122cm (48in)



### MAGNET BREAKAWAY TEST STAND

Capacity: 6.8 tonne (15,000lbs)  
 Stroke: 10cm (4in)

Inside Width: 58cm (23in)  
 Inside Height: 51cm (20in)



# Magnet Breakaway Test Stand

**Super Slings Magnet Breakaway Test Stand** can test magnets with a breakaway force of up to 15,000 lbs. We also have the ability re-label and repair lifting magnets in accordance with the most recent ASME B30.20 standards.

## Why Should I Use A Lift Magnet Certification Service?

Lift Magnets cannot be visually inspected alone. Lift Magnet Failure is often the result of internal damage to the magnetic material and is not evident by simple visual inspections that can be performed on other lifting devices. Our Lift Magnet Testing and Certification Service performs both a thorough visual inspection and functional testing of your magnetic lifting products using testing techniques and equipment that meet or exceed the ASME B30.20 Standards for Below-the-Hook Magnetic Lifting Devices. These performance tests are often referred to as Breakaway tests.



Proper breakaway testing of a lift magnet will determine the maximum lift capacity of that magnet under ideal conditions. The outcome of the test allows the operator/owner of the lift to determine if the magnet meets the rated Working Load Limit (WLL) or lift capacity as designed by the manufacturer. After testing, We provide documentation of the testing and a certificate of conformance if the magnet meets the manufacturer's labelled rating. Damaged label replacement is also included for Industrial Magnetics Inc. labelled Lift Magnets.

## Common Factors For Lift Magnet Loss Of Performance Or Failure

- Blunt force impact such as dropping, or banging on, the magnet can cause fractures in the magnet
- High heat: If the magnet is exposed to temperatures above its' capabilities it will lose magnetism
- Exposure to electrical fields, like generators or welding ground circuits, will result in loss of magnetism.
- External factors that influence a lift magnet's performance are; nicks, scratches, gouges, rust, etc. to the contact surface of the lifter.

Breakaway testing will prove the magnet is performing at the intended Working Load Limit (WLL).



**Lifting Magnet Repairs.** All lifting magnets that require repair, are done so in accordance with ASME B30.20 and manufacturer specifications and requirements. Our unique ability to clean and re-label, significantly reduces costs of repairs or potential replacement requirements. All repaired magnets are tested in accordance with ASME B30.20.

**Before**



**After**



**ASME B30.20-3.3.8.2 Load Test**

(a) Prior to initial use, all new, altered, or repaired lifting magnets shall be tested by, or under the direction of the manufacturer or a qualified person. The rated load of all lifting components associated with the magnet shall exceed the maximum breakaway force of the magnet to avoid overload, or the components shall not be included in the test. The test results shall be recorded confirming the load rating of the lifting magnet.

**(1) Breakaway Force Test**

(-a) General application lifting magnets shall be required to satisfy the rated breakaway force test.

(-1) The rated load for permanent magnet lifters shall be less than 33% of the breakaway force measured in this test.

(-2) The rated load for electromagnetic lifters shall be less than 50% of the breakaway force measured in this test.

(-b) Specified application lifting magnets shall be required to satisfy the specified application lifting magnet breakaway force test.

(-1) The rated load for permanent magnet lifters shall be less than 33% of the breakaway force measured in this test.

(-2) The rated load for electromagnetic lifters shall be less than 50% of the breakaway force measured in this test.

(2) Design Factor Test. Close proximity operated lifting magnets should have an annual magnetic design factor test to verify the magnet meets para. 20-3.3.8.2.

This test should be performed to the actual breakaway point of the magnet or may be performed at the calculated minimum breakaway force. The rated load of all components associated with the (magnetic) design factor

test shall exceed the maximum breakaway load of the magnet to avoid overload or the lifting hardware shall be removed. Caution should be exercised during the test. The test shall be performed under the direction of a qualified person.

(b) The general application lifting magnet breakaway force test shall establish the force required to vertically remove the lifting magnet from a low carbon, rolled steel plate of the minimum thickness stated by the lifting magnet manufacturer. The portion of this plate that is in contact with the lifting magnet shall not exceed 125  $\mu$ m. (3.2  $\times$  10-3 mm) or better and be flat within 0.002 in./ft (0.05 mm/m), without exceeding 0.005 in. (0.127 mm) total. The full operating face of the lifting magnet shall be in contact with the steel plate, which shall be between 60°F (15°C) and 120°F (50°C). The steel plate, load cell, or other testing device shall be mounted to allow self-alignment so the load is applied to the magnet through the magnet's center of force.

(c) The specified application lifting magnet breakaway force test shall establish the breakaway forces of the lifting magnet under the variety of loading conditions for which the lifting magnet is specified. The details of this test should be supplied by the manufacturer of the lifting magnet.

(d) Battery operated electromagnets and externally powered electromagnets shall be operated at the manufacturer's recommended voltage and current levels.

(e) The test for altered or repaired lifting magnets may be limited to the components affected by the alteration or repair, as determined by a qualified person with guidance from the manufacturer.

# BRANDS

At Super Slings, we are proud to partner with some of the most trusted brands in the rigging industry to bring our customers the best products in the world. Our network of vendors and suppliers ensures on-time delivery with what you need when you need it.



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- Rope & Cordage

# RESOURCES

## RIGGING TRAINING

Rigging training is one of the most important, and most overlooked, aspect to any lifting or load handling scenario. Super Slings works with several rigging training companies throughout Alberta and North America that provide a wide range courses. Contact your Super Slings representative for more information on available training courses.



**Rigging Handbook:**  
The Complete Illustrated  
Field Reference



**Rigging Pocket Guide:**  
A Reference for the  
Rigging Professional:



## INDUSTRY CONTACTS



**Alberta Occupational Health  
and Safety (OH&S)**

[www.alberta.ca/occupational-health-safety.aspx](http://www.alberta.ca/occupational-health-safety.aspx)

Toll-free in Alberta:  
1-866-415-8690



**American Society of Mechanical  
Engineers (ASME)**

[www.asme.org](http://www.asme.org)

1-800-843-2763  
(U.S/Canada)



**Rigging Resource Centre**

<https://riggingresource.com>

Alberta:  
(780) 417 5057



**Web Sling & Tie Down  
Association**

[www.wstda.com](http://www.wstda.com)

443.640.1070



**American Society of Mechanical  
Engineers (ASME)**

[www.awrf.org](http://www.awrf.org)

1-800-843-2763  
(U.S/Canada)



**Association of Crane &  
Rigging Professionals**

[www.acrp.net](http://www.acrp.net)

Toll Free:  
800.690.3921

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# METRIC / IMPERIAL UNIT CONVERSION TABLE

## IMPERIAL

## METRIC

### LINEAR MEASURE (LENGTH/DISTANCE)

IMPERIAL	METRIC
1 inch	25.4 millimetres
1 foot (=12 inches)	0.3048 metre
1 yard (=3 feet)	0.9144 metre
1 (statute) mile (=1760 yards)	1.6093 kilometres
1 (nautical) mile (=1.150779 miles)	1.852 kilometres

### SQUARE MEASURE (AREA)

IMPERIAL	METRIC
1 square inch	6.4516 sq. centimeters
1 square foot (=144 square inches)	9.29 square decimeters
1 square yard (=9 square feet)	0.8361 square metres
1 acre (=4840 square yards)	0.40469 hectare
1 square mile (=640 acres)	259 hectares

### CUBIC MEASURE (VOLUME)

IMPERIAL	METRIC
1 cubic inch	16.4 cubic centimeters
1 cubic foot (=1728 cubic inches)	0.0283 cubic metres
1 cubic yard (=27 cubic feet)	0.765 cubic metres

### CAPACITY MEASURE (VOLUME)

IMPERIAL	METRIC
1 (imperial) fl. oz. (=1/20 imperial pint)	28.41 ml
1 (US liquid) fl. oz. (=1/16 US pint)	29.57 ml
1 (imperial) gill (=1/4 imperial pint)	142.07 ml
1 (US liquid) gill (=1/4 US pint)	118.29 ml
1 (imperial) pint (=20 fl. imperial oz.)	568.26 ml
1 (US liquid) pint (=16 fl. US oz.)	473.18 ml
1 (US dry) pint (=1/2 quart)	550.61 ml
1 (imperial) gallon (=4 quarts)	4.546 litres
1 (US liquid) gallon (=4 quarts)	3.785 litres
1 (imperial) peck (=2 gallons)	9.092 litres
1 (US dry) peck (=8 quarts)	8.810 litres
1 (imperial) bushel (=4 pecks)	36.369 litres
1 (US dry) bushel (=4 pecks)	35.239 litres

### MASS (WEIGHT)

IMPERIAL	METRIC
1 grain	0.065 gram
1 dram	1.772 grams
1 ounce (=16 drams)	28.35 grams
1 pound (=16 ounces =7000 grains)	0.45359237 kilogram
1 stone (=14 pounds)	6.35 kilograms
1 quarter (=2 stones)	12.70 kilograms
1 hundredweight (=4 quarters =112 lb.)	50.80 kilograms
1 (long) ton (=2240 lbs)	1.016 tonnes
1 (short) ton (=2,000 lbs)	0.907 tonne

## METRIC

## IMPERIAL

### LINEAR MEASURE (LENGTH/DISTANCE)

METRIC	IMPERIAL
1 millimetre	0.0394 inch
1 centimetre (=10 mm)	0.3937 inch
1 decimetre (=10 cm)	3.937 inches
1 metre (=100 cm)	1.0936 yards
1 decametre (=10 m)	10.936 yards
1 hectometre (=100 m)	109.36 yards
1 kilometre (=1000 m)	0.6214 miles

### SQUARE MEASURE (AREA)

METRIC	IMPERIAL
1 square centimetre	0.1550 sq. inch
1 square metre (=10 000 sq. cm)	1.1960 sq. yards
1 are (=100 sq. metres)	119.60 sq. yards
1 hectare (=100 ares)	2.4711 acres
1 square kilometer (=100 hectares)	0.3861 sq. mile

### CUBIC MEASURE (VOLUME)

METRIC	IMPERIAL
1 cubic centimeter	0.0610 cubic inch
1 cubic metre (one million cu. cm)	1.308 cubic yards

### CAPACITY MEASURE (VOLUME)

METRIC	IMPERIAL
1 millilitre	0.002 (imperial) pint
1 centilitre (=10 ml)	0.018 pint
1 decilitre (=100 ml)	0.176 pint
1 litre (=1000 ml)	1.76 pints
1 decalitre (=10 l)	2.20 (imperial) gallons
1 hectolitre (=100 l)	2.75 (imperial) bushels

### MASS (WEIGHT)

METRIC	IMPERIAL
1 milligram	0.015 grain
1 centigram (=10 mg)	0.154 grain
1 decigram (=100 mg)	1.543 grain
1 gram (=1000 mg)	15.43 grain
1 decagram (=10 g)	5.64 drams
1 hectogram (=100 g)	3.527 ounces
1 kilogram (=1000 g)	2.205 pounds
1 tonne (=1000 kg)	0.984 (long) ton

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## ACCURACY DISCLAIMER

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IN NO EVENT SHALL SUPER SLINGS INC. BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR INCIDENTAL DAMAGE RESULTING FROM, ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE INFORMATION PROVIDED IN THIS CATALOG

## WARNINGS & CAUTIONS

All products are sold subject to the following warnings and cautions and with the express understanding that the purchaser and/or user are thoroughly familiar with their proper use. Super Slings Inc. assumes no responsibility for the use, misuse or misapplication of its products.

### Working Load Limit:

The working load limit (WLL) is the maximum load a component or assembly should be subjected to during routine use. The working load limit is based on a load being uniformly applied in a straight line pull.

### Breaking Strength:

This is the minimum load a component or assembly will withstand before failure. Do NOT use breaking strength for design or rating purposes. Use working load limit instead.

### Shock Loads:

Shock loads are loads which exceed the static load caused by rapid change of movement, such as jerking, impacting or swinging of loads. Working load limits will not apply.

### Matching components:

All attachments used with chain and wire rope must be of suitable material, type and strength to provide adequate safety protection. Attachments should have working load limits at least equal to the other components with which they are used.

### Inspection:

No product can operate indefinitely at its rated capacity. Wire rope, chain and any other rigging hardware must all be inspected regularly for visible damage, or distortion, elongation, corrosion, cracks, nicks or abrasions which may cause failure or reduce the strength or ability of the products to perform.

## RETURN POLICY

At Super Slings Inc. , we believe in offering the very best in value, quality, service and selection! If an item you purchase from us does not meet your expectations, you may return most items for a refund or exchange within 30 days from date of purchase.

All returns require prior authorization and must be returned in the original packaging, including inner plastic liners, with all accessories and documentation, including manuals, warranties and a copy of the original purchase invoice. Only new merchandise in its original packaging, with no markings on the packaging may be returned. The only exception to this restriction is if you are returning items that are damaged, in order to have them replaced with an identical item. In this case, original tags and packaging is not required.

To request a Return Merchandise Authorization (RMA) number, please call our office and ask for the RMA number, which you must clearly write on the invoice copy which you will return with the merchandise. Keep the RMA number, and reference it when calling to check the status of your return. Incomplete or unauthorized

returns may be refused and returned to you. We cannot accept returns of any items that we consider to be a special product or any item which has been modified in any way from our standard design.

We recommend using a traceable method of shipping if you must ship us your return and should be insured against loss and damage. Super Slings Inc. will not be responsible for returns lost during delivery. Credits for merchandise WILL NOT include the original or return freight charges. Items shipped freight free or freight included will be credited minus an allowance to cover all packing and freight. Any shipping and / or handling charges on the original order WILL NOT be refunded. Super Slings Inc. will refund shipping costs or freight costs only if the return is a result of our error or the item is defective. We will also pay the return shipping cost of the return is a result of our error.

At our discretion, we may levee a restocking fee of up to 25% of the cost of items returned. Merchandise being returned due to our error will not be subject to this restocking fee.

Slings Protection  
Web Slings  
Round Slings  
Synthetic Chain Slings  
Wire Rope Slings  
Chain Slings  
Shackles & Turnbuckles  
Hooks & Links  
Lifting Points  
Hoists & Blocks  
Lifting Devices  
Pipe & Hose Restraints  
Tie Down Assemblies  
Tie Down Accessories  
Towing & Recovery  
Rope & Cords



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 20 YEARS of slings inc.  
 Secure Solutions

SECTION 3  
 MATERIAL HANDLING



Rigging Hardware

Chain Slings  
 Wire Rope Slings  
 Synthetic Chain Slings  
 Round Slings  
 Web Slings  
 Sling Protection

Hoists & Blocks  
 Lifting Devices  
 Pipe & Hose Restraints  
 Tie Down Assemblies  
 Tie Down Accessories  
 Towing & Recovery  
 Rope & Cordage

# SECTION 2 - RIGGING HARDWARE

Sling Protection  
Web Slings  
Round Slings  
Synthetic Chain Slings  
Wire Rope Slings  
Chain Slings  
Rigging Hardware  
Hoists & Blocks  
Lifting Devices  
Pipe & Hose Restraints  
Tie Down Assemblies  
Tie Down Accessories  
Towing & Recovery  
Rope & Cordage



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 Secure Solutions

# HOISTS & TROLLEYS



Hoists & Trolleys	Lifting Points	Hooks & Links	Shackles & Turnbuckles	Chain Slings	Wire Rope Slings	Synthetic Chain Slings	Round Slings	Web Slings	Sling Protection
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**Tiger Lifting** manufacture and provide the full range of Tiger hoisting and winching products globally, including the Tiger Subsea Lifting range. We have recently increased our range of lifting clamps and we also provide high quality height safety hardware products.

We have close partnerships with successful lifting equipment distributors across the world. Our commitment to innovation and customer satisfaction mean we will continue to develop our products by working closely with our customers.

We have manufactured the Tiger brand of manual lifting products for over 50 years and have a proven track record and an enviable reputation for supplying high quality safe, stable products into a varied cross-section of demanding industries throughout the world. We aim to set the highest standards in manufacturing, service, product reliability and safety and to provide industry leading value to our customers and supply chain partners.

Robust and reliable are phrases synonymous with Tiger Products. They must be, and are, of the highest quality in order to meet the lifting requirements specified by our customers and to operate effectively in the extremely harsh environmental conditions our clients often place them in.

Our range includes unique, patented designs and our products meet or exceed all relevant international standards, serving all spheres of global industry.

We employ over 100 people across our distribution centres located in Europe and North America, our manufacturing plant based in Taiwan and our various sales offices in different countries.

**Our innovation, your safety.**



- Sling Protection
- Web Slings
- Round Slings
- Synthetic Chain Slings
- Wire Rope Slings
- Chain Slings
- Shackles & Turnbuckles
- Hooks & Links
- Lifting Points
- Hoists & Trolleys**
- Lifting Devices
- Pipe & Hose Restraints
- The Down Assemblies
- The Down Accessories
- Towing & Recovery
- Rope & Cordage

Lift it up, Tie it down, Pull it around

# Tiger Lifting 'Mini' Range

## LH Industrial Mini Lever Hoist

### Ratcheting Lever Hoist

Product details

- 360 degree handle rotation
- Short stroke and low lever pulling effort
- Easy single-hand "freewheeling" operation
- Drop forged & heat treated alloy hooks
- Safe reliable twin pawl mechanical brake
- Proof tested to 1.5 times rated capacity
- 1.5m height of lift as standard but can be chained to exact requirements
- Supplied with useful belt bag



250kg lever hoist with belt bag

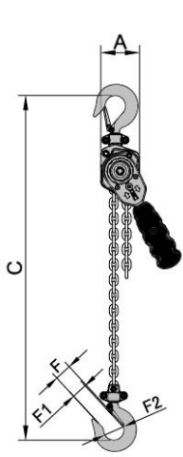
500kg lever hoist with belt bag

## CB Industrial Mini Chain Block

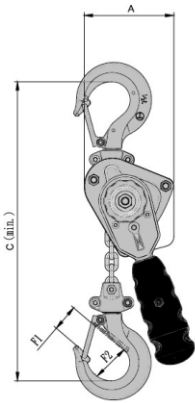
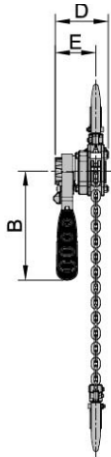
### Manual Chain Hoist

Product details

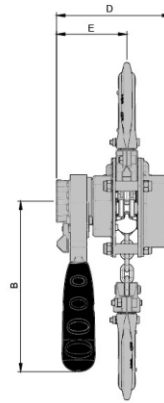
- Guaranteed light load protection
- Double cover protection for brake chamber
- Drop forged & heat treated alloy hooks
- High quality alloy calibrated load chain
- Proof tested to 1.5 times rated capacity
- 3m height of lift as standard but can be chained to exact requirements
- 4:1 Factor of safety



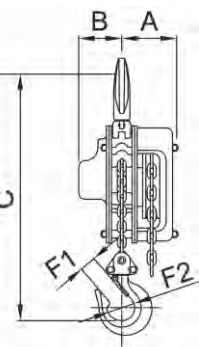
0.25t (LH-0025)



0.5t (LH-0050)



0.25t (CB-0025)



Product Code	Capacity	Effort @ max Cap (lbs)	Dimensions (in)							Load Chain Dia (mm)	No. of Falls	Std HOL (ft)	Net Wgt @ Std HOL (lbs)	Add. lb/ft (lbs)
			A	B	C	D	E	F1	F2					
CB-0025	0.25t – (550) lbs	37.48	2.52	1.57	9.45	1.42	2.36	0.87	1.22	4	1	10	8.38	0.34
LH-0025	0.25t – (550) lbs	66.14	2.36	6.65	9.65	3.23	2.48	0.87	1.22	4	1	5	4.41	0.2
LH-0050	0.5t – (1,100) lbs	66.14	3.50	6.65	11.02	4.45	2.76	0.94	1.50	4	1	5	6.61	0.2

**WARNING: NEVER EXCEED WORKING LOAD LIMIT!**

Failure to follow instructions can result in serious property damage, injury or death!

For full user manual please visit [www.superslings.ca](http://www.superslings.ca)

- Sling Protection
- Web Slings
- Round Slings
- Synthetic Chain Slings
- Wire Rope Slings
- Chain Slings
- Shackles & Turnbuckles
- Hooks & Links
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- Hoists & Trolleys
- Lifting Devices
- Pipe & Hose Restraints
- Tie Down Assemblies
- Tie Down Accessories
- Towing & Recovery
- Rope & Cordage

# TR7 Industrial Lever Chain Hoist

## Certification:

Each unit comes fully certified with a test certificate or an EC Declaration of Conformity stating compliance with the essential health and safety requirements of the Machinery Directive 2006/42/EC. This document clearly states the proof test at 1.5 times the rated capacity and the light load test of 5% of the rated capacity, which exceeds the requirements of the current applicable standard.

## Safety Brake:

The highly efficient twin pawl brake, works instantly when the operation is stopped and securely holds the load. Designed and 100% tested to hold a 5% load of the rated capacity. The bonded friction discs are free of asbestos and achieve highly efficient braking.

## Load Chains:

Tiger Hoists only use the highest quality alloy, calibrated load chains in Grade T or V. Also available with stainless steel load chain.

## Grease:

High performance premium quality grease allows the TR7 hoists to be certified for use within a temperature range of -40°C to +50°C far exceeding the requirements of current standards.

## Mechanical Efficiency:

All major components are heat treated and precisely machined to ensure long term smooth operation. High gear ratios keep physical effort to a minimum.

## Performance:

The TR7 lever hoist has undergone a full test program that includes:

### Type Testing

Ultimate strength test, at least 4 times the Working load limit (WLL)  
Chain end anchorage test, passing at least 4 times the WLL without any restriction of the brake or gears

### Test on every hoist

Proof loading at 1.5 times the rated capacity  
Light load testing at maximum of 2% rated capacity

## Hooks:

Our hooks incorporate our latest Patent Pending "EZ Check" feature which allows operators and inspection engineers to easily check to see if the hoist has been previously overloaded or shock loaded by simply measuring between the triangle of pop marks.

Our drop forged and heat treated alloy hooks are furnished with heavy duty spring latch kits that fully engage into the recessed nose of the hook safeguarding the load when side loading of the latch occurs and offering maximum load security. The swivel hooks are attached to the yoke using high grade nuts & bolts allowing for complete inspection during any statutory inspection or written scheme maintenance. Available with hooks that swivel under the full working load limit, to meet relevant standards i.e. AS 1418.2. Also available with spark resistant hooks.

## Forgings:

Recessed forgings offer full protection to the load chain anchor bolts on all our bottom hooks.

## Finish:

The TR7 is finished in our high quality powder coat paint offering excellent corrosion protection.



# TR7 Industrial Lever Chain Hoist

## Ratcheting Chain Hoist

Product details

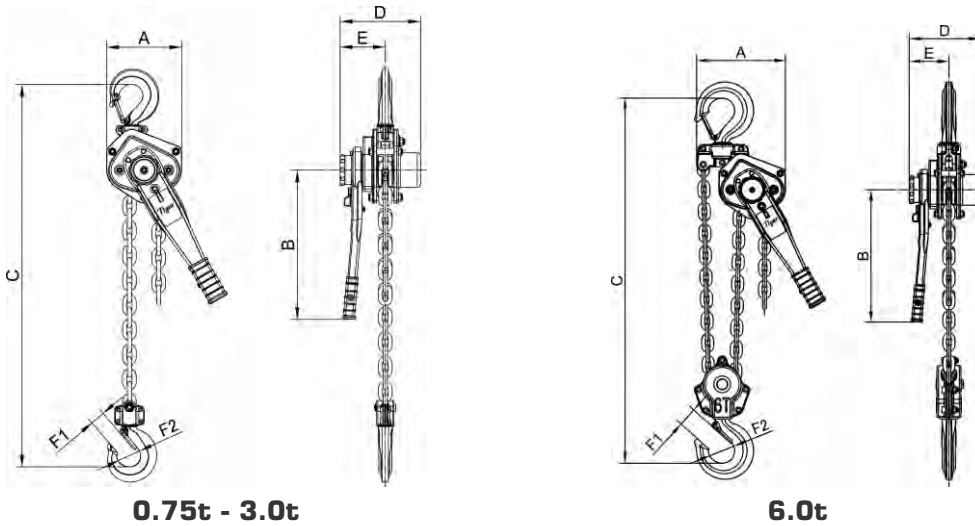


- Range from 750kg – 6000kg
- Meets or exceeds all international standards
- High quality alloy calibrated load chain
- 360-degree handle rotation
- Easy single-hand “freewheeling” operation
- Rugged steel body construction
- Drop forged & heat-treated alloy hooks
- Proof tested to 1.5 times rated capacity
- Heavy duty chain end stop
- Lightweight and portable
- Safe reliable twin pawl mechanical brake
- Guaranteed light load protection
- Short stroke and low lever pulling effort

**WARNING: NEVER EXCEED WORKING LOAD LIMIT!**

Failure to follow instructions can result in serious property damage, injury or death!

For full user manual please visit [www.superslings.ca](http://www.superslings.ca)



0.75t - 3.0t

6.0t

Product Code	Capacity	Effort @ max Cap (lbs)	Dimensions (in)							Load Chain Dia (mm)	No. of Falls	Std HOL (ft)	Net Wgt @ Std HOL (lbs)	Add. lb/ft (lbs)
			A	B	C	D	E	F1	F2					
TRL-0075	0.75t – (1,650 lbs)	50.71	5.04	9.45	10.83	6.22	3.9	0.94	1.5	6.3	1	5	16.53	0.6
TRL-0150	1.5t – (3,310 lbs)	57.32	6.06	14.17	12.60	6.77	4.09	1.34	2.01	7.1	1	5	22.05	0.74
TRL-0300	3.0t – (6,610 lbs)	83.78	7.17	14.17	15.75	7.68	4.25	1.42	2.2	10	1	5	39.68	1.48
TRL-0600	6.0t – (13,230 lbs)	88.18	9.53	14.17	22.44	7.68	4.25	1.93	2.76	10	2	5	65.04	2.89

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- Hooks & Links
- Lifting Points
- Hoists & Trolleys
- Lifting Devices
- Pipe & Hose Restraints
- Tie Down Assemblies
- Tie Down Accessories
- Towing & Recovery
- Rope & Carriage



# TR7 Industrial Manual Chain Block

## Certification:

Each unit comes fully certified with a test certificate or an EC Declaration of Conformity stating compliance with the essential health and safety requirements of the Machinery Directive 2006/42/EC. This document clearly states the proof test at 1.5 times the rated capacity and the light load test of 2% of the rated capacity, which exceeds the requirements of the current applicable standard.

## Brake Efficiency:

Tiger uniquely uses an 8 point multi start thread pinion shaft which has measurably increased the efficiency in brake reaction times - up to 50% measurable difference compared with longitudinal 4 point pinion threads.

## Chain End Stops:

Will hold a load of at least 2.5 times the rated capacity when supporting the full load without restraint from other components e.g. brake or gearing as required in many international standards. This prevents accidents, by acting as a stop when the lift length of the load chain is exceeded when lowered.

## Safety Brake:

The highly efficient brake system works instantly when the operation is stopped and securely holds the load. Loads are lowered under perfect control, allowing for precise operations. The TCB easily passes the "brake lock out test" as per BS 3243:1990 with a 2% load of the rated capacity.

## Grease:

High performance premium quality grease allows the TR7 Blocks to be certified for use within a temperature range of -40°C to +50°C, far exceeding the requirements of current standards.

## Load Chains:

Tiger only use the highest quality alloy, calibrated load chains in Grade T or V conforming to EN818-7 and ISO 16872. Also available with stainless steel load chain.

## Mechanical Efficiency:

All major components are heat treated and precisely machined to ensure long term smooth operation. High gear ratios keep physical effort to a minimum.

## Double Cover Protection:

Both the hand chain wheel cover and the ratchet brake cover are designed to offer protection to the brake chamber in the harshest environments from foreign objects.

## Finish:

The TR7 is finished in our high quality powder coat paint offering excellent corrosion protection.

## Hooks:

Our hooks incorporate our latest Patent Pending "EZ Check" feature which allows operators and inspection engineers to easily check to see if the hoist has been previously overloaded or shock loaded by simply measuring between the triangle of pop marks.

Our drop forged and heat treated alloy hooks are furnished with heavy duty spring latch kits that fully engage into the recessed nose of the hook safeguarding the load when side loading of the latch occurs and offering maximum load security. The swivel hooks are attached to the yoke using high grade nuts & bolts allowing for complete inspection during any statutory inspection or written scheme maintenance.

## Forgings:

Recessed forgings offer full protection to the load chain anchor bolts on all our bottom hooks. Multi-fall bottom hooks are designed and manufactured to exact tolerances to negate finger traps and twisted chain.





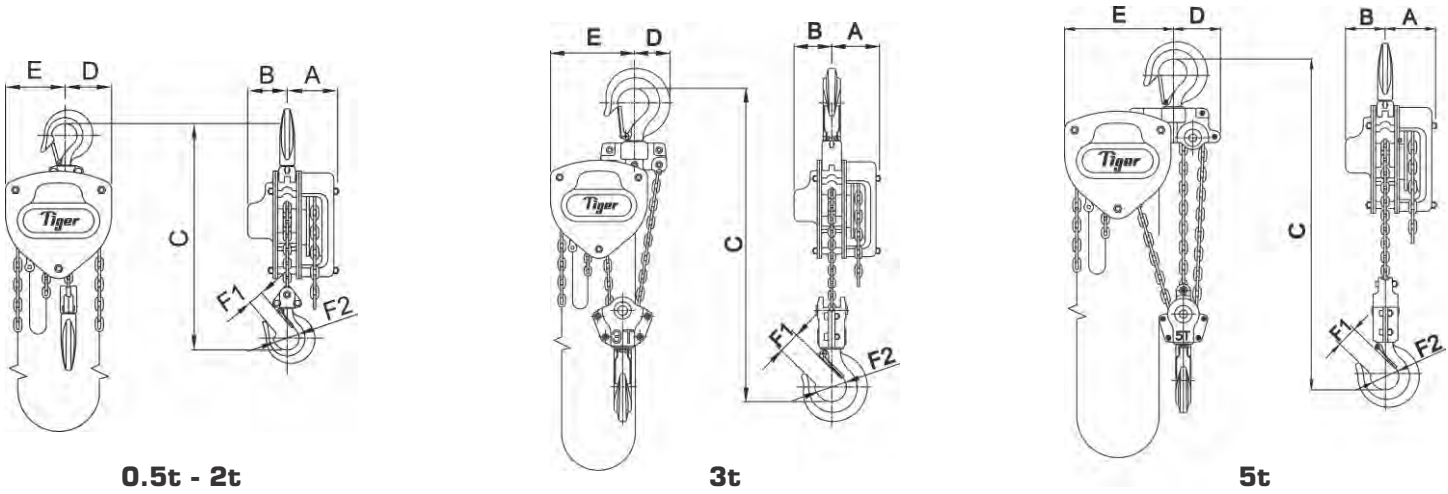
## TR7 Industrial Chain Block

### Manual Chain Hoist

Product details



- Range from 500kg – 5.0t
- Meets or exceeds all international standards
- High quality alloy calibrated load chain
- Rugged steel body construction
- Drop forged & heat-treated alloy hooks
- Proof tested to 1.5 times rated capacity
- Lightweight and portable
- Safe reliable twin pawl mechanical brake
- Guaranteed light load protection



Product Code	Capacity	Effort @ max Cap (lbs)	Dimensions (in)							Load Chain Dia (mm)	No. of Falls	Std HOL (ft)	Net Wgt @ Std HOL (lbs)	Add. lb/ft (lbs)
			A	B	C	D	E	F1	F2					
TRC-0050	0.5t - (1,100) lbs	46.30	3.66	2.60	12.01	2.05	3.07	0.94	1.50	6.3	1	10	23.15	1.28
TRC-0100	1.0t - (2,200) lbs	55.12	3.66	2.60	13.39	2.48	3.43	1.10	1.77	6.3	1	10	25.35	1.28
TRC-0150	1.5t - (3,310) lbs	70.55	3.86	2.87	15.16	3.07	4.02	1.34	2.01	7.1	1	10	35.27	1.41
TRC-0200	2.0t - (4,410) lbs	74.96	3.98	3.11	16.54	3.43	4.45	1.38	2.09	8	1	10	44.09	1.61
TRC-0500	3.0t - (6,610) lbs	81.57	3.98	3.11	22.64	4.80	8.23	1.93	2.76	8	3	10	82.67	3.49

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- Rope & Carriage



# Tiger Lifting

www.tigerlifting.com

## Professional Series



### Patent Protected Quad Cam Brake Pawl System:

This patented development in brake efficiency guarantees permanent engagement of at least one of the two reciprocating cam pawls fitted to the TCB, ensuring the pawl only just clears the ratchet wheel, with the minimum of clearance as required under BS 4898:1973. But most importantly, in the unlikely event of a pawl spring failure, this new design will ensure the brake is still fully functional and the load is sustained without damage to the mechanism.

### Brake Efficiency:

Tiger uniquely uses an 8 point multi start thread pinion shaft which has measurably increased the efficiency in brake reaction times - up to 50% measurable difference compared with longitudinal 4 point pinion threads.



### Chain End Stops:

Will hold a load of at least 2.5 times the rated capacity when supporting the full load without restraint from other components e.g. brake or gearing as required in many international standards. This prevents accidents, by acting as a stop when the lift length of the load chain is exceeded when lowered.

### Overload Protection:

If the chain block is fitted with a slipping clutch overload mechanism then it is protected from overload. When the load limit is exceeded, the clutch in the chain wheel will slip, allowing the hand wheel to be rotated whilst not engaging the gear box. This prevents further lifting of the load, though lowering is still possible. The TCB with overload protection is DNV GL Verification tested according to NORSOK R-002.



### Adaptor Components:

Drop forged adaptor maintaining maximum strength. 360° Rotation and 180° Pivot for Maximum Flexibility. Tested and certified to 4:1 factor of safety



Sling Protection  
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Tie Down Accessories  
Towing & Recovery  
Rope & Cordage

## Tiger Professional Series

### Hook Dimensions

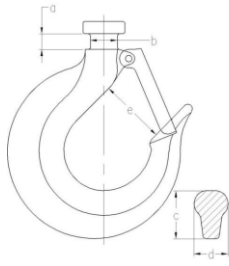


#### Hooks:

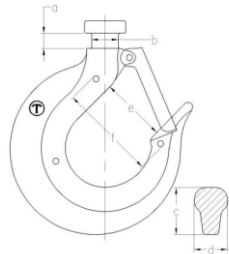
Our hooks incorporate our latest Patent Pending “EZ Check” feature which allows operators and inspection engineers to easily check to see if the hoist has been previously overloaded or shock loaded by simply measuring between the triangle of pop marks.

Our drop forged and heat treated alloy hooks are furnished with heavy duty spring latch kits that fully engage into the recessed nose of the hook safeguarding the load when side loading of the latch occurs and offering maximum load security. The swivel hooks are attached to the yoke using high grade nuts & bolts allowing for complete inspection during any statutory inspection or written scheme maintenance.

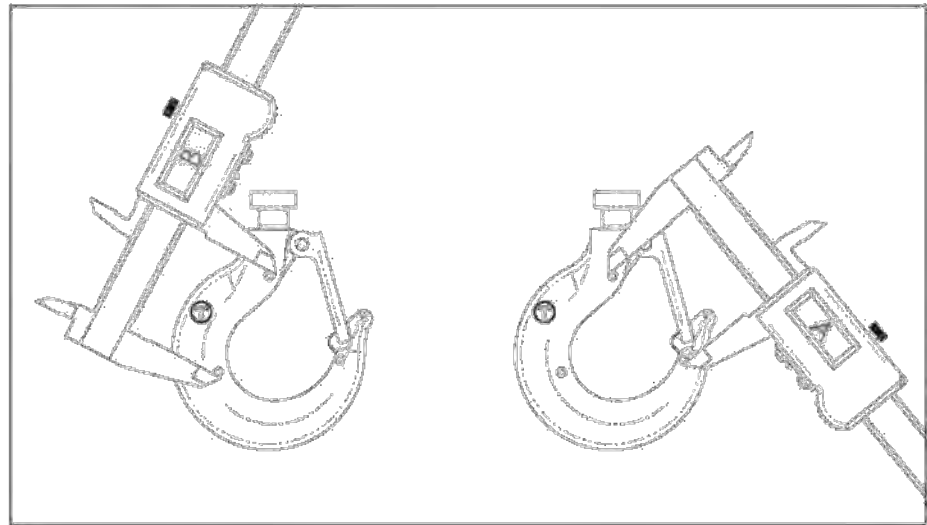
Available with hooks that swivel under the full working load limit, to meet relevant standards i.e. AS 1418.2. Also available with spark resistant hooks.



Traditional Tiger Hooks



Tiger Hooks with new “EZ Check” 3 point marking system



TCB Code	PLH Code	Collar measurements (mm)		Hook thickness at point shown in diagram (mm)		Hook throat Opening (mm)	“EZ Check” measurement (mm)
		A	B	C	D		
TCB-0025		5	8	18	12	26	43
TCB-0050		8	13.5	19	15	29	47
TCB-0100	PLH-0080	8	13.5	23	17	34	52
TCB-0150	PLH-0150	10	15.5	26	21	39	59
TCB-0200		10	17.5	30	22	42	64
TCB-0300	PLH-0300	12.5	20	37	32	42	76
TCB-030T							
TCB-0500	PLH-0600	19	30	43	36	58	86
TCB-0800		21.7	33	50	43	60	110
TCB-1000	PLH-1000	20	33	52	48	70	121
TCB-1500	PLH-1500	-	36	67	60	67	130
TCB-2000	PLH-2000	-	48	77	72	90	162
TCB-200T							
TCB-3000		-	56	94	78	102	177



# Tiger Lifting PRO-LH

## PROLH Professional Lever Hoist

PROLH lever hoists incorporate many of the advanced safety features that Tiger has developed including one piece construction pinion gears and our patented Quad Cam Pawl System. These units meet and exceed all the requirements within BS EN 13157: 2004+A1:2009, ANSI/ASME B30.21, AS1418.2 and SANS 1636. DNV GL Verification tested according to NORSOK R-002.

The PROLH is ideally suited for applications in the overhead transmission industry, shipyards and offshore platforms and is also suitable for underground mining use.

Our PROLH lever hoist has UK Network Rail PADS Certification - Certificate of Acceptance PA05/06651

This model also includes our unique rotational inertia driven torsion switch brake and freewheeling system. This brake system was designed by our research and design team to counter known failure modes in commonly used and copied longitudinal "push-pull" mechanisms or traditional style "Weston" type brake systems used on alternative lever hoists. This Tiger brake system is now a proven design with many thousands of hours of empirical evidence as proof of design and efficiency. This design removes the need for inefficient old style longitudinal disengagement methods of pulling the brake system apart to facilitate freewheeling. This highly efficient method of operating is not only safer but easier for the operator whilst measurably increasing the brake take up efficiency rate.

The patented **Quad Cam Pawl System** guarantees permanent engagement of at least one of the two reciprocating cam pawls fitted to the PROLH, ensuring the pawl only just clears the ratchet wheel, with the minimum of clearance as required under BS 4898:1973. But most importantly, in the unlikely event of a pawl spring failure, this design will ensure the brake is still fully functional and the load is sustained without damage to the mechanism.

Tiger uses an 8 point multi start thread pinion shaft which has also increased brake reaction times. The rotational engagement of the brake works with the direction of the load sheave creating highly efficient braking ratios - up to 50% measurable difference compared with longitudinal push-pull brake systems. This model is lightweight, compact and of rugged construction with the handle, gear case and brake cover made entirely of pressed steel, producing strong resistance to impact damage. We use only the highest quality materials precisely machined throughout ensuring the PROLH is the ideal hoist for long term use with less maintenance and servicing costs.

### Optional Travelling Chain End Anchorage:

Our specially designed adjustable chain end stop is available as an option. Tiger have specifically profiled and manufactured this item to fit the contours of the hoist. This offers complete assurance to the operator, whilst maintaining the flexibility of "freewheeling" the chain to any required starting position.



- Sling Protection
- Web Slings
- Round Slings
- Synthetic Chain Slings
- Wire Rope Slings
- Chain Slings
- Shackles & Turnbuckles
- Hooks & Links
- Lifting Points
- Hoists & Trolleys**
- Lifting Devices
- Pipe & Hose Restraints
- The Down Assemblies
- The Down Accessories
- Towing & Recovery
- Rope & Cordage

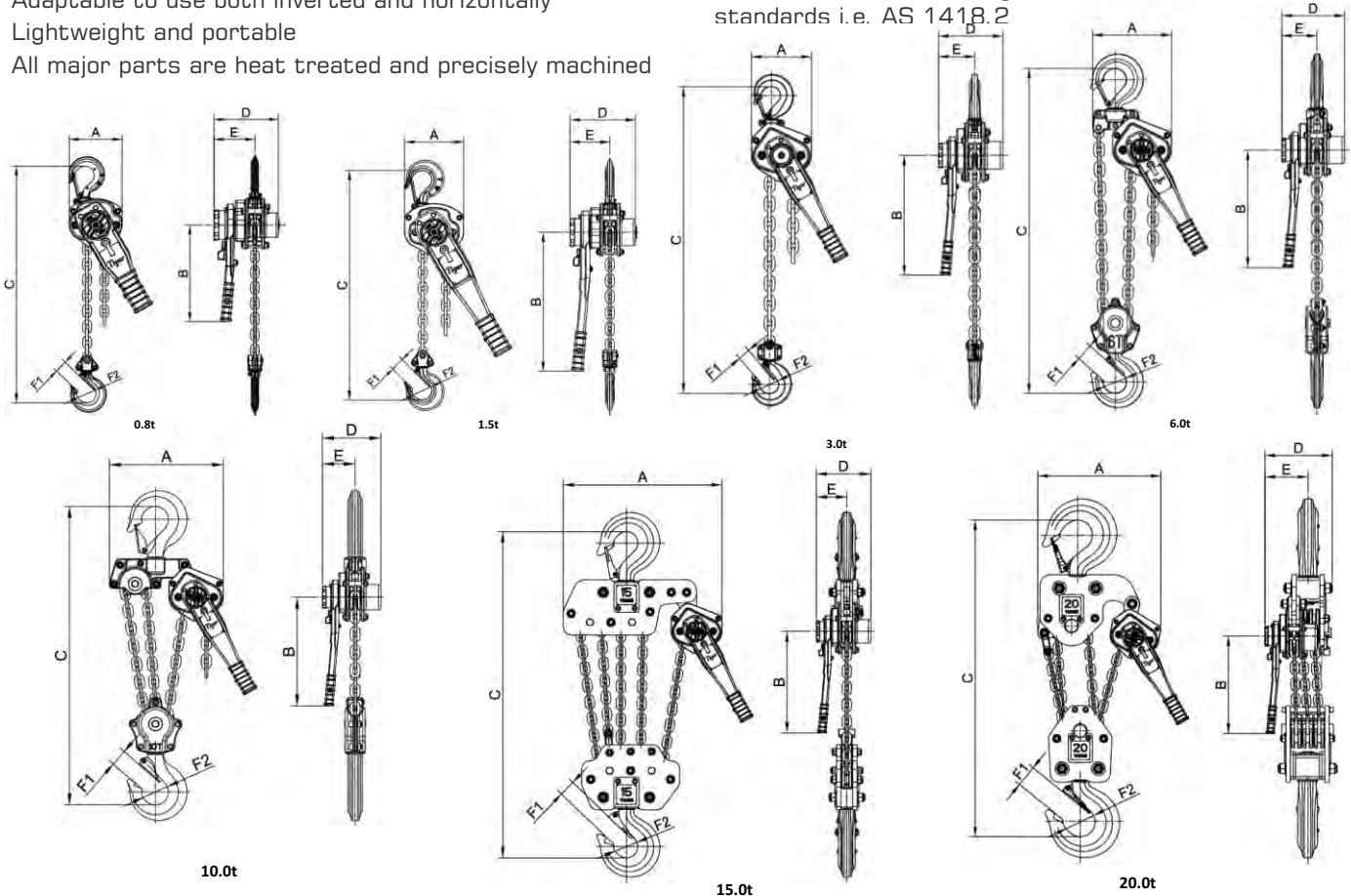
## PROLH Premium Lever Chain Hoist



### Ratcheting Chain Hoist

#### Product details

- Range from 800kg – 20000kg
  - Equipped with our unique intelligent Torsion Brake System
  - No requirement for preload tension to activate the ratchet mechanism
  - Using only the highest quality alloy calibrated load chains according to EN 818-7 and ISO 16872
  - Operating temperature of - 40°C to + 50°C
  - Can be chained up to meet your exact requirements
  - One piece construction pinion gear
  - Adaptable to use both inverted and horizontally
  - Lightweight and portable
  - All major parts are heat treated and precisely machined
- **Patented Quad Cam Pawl System**
  - Light load tested and certified at 2% of the rated capacity
  - Available with slipping clutch overload protection
  - Each hoist is individually proof tested at 1.5 times the rated capacity
  - Individual spares readily available
  - Finished in high quality powder coat paint offering excellent corrosion protection
  - Available with load bearing swivel hooks to meet relevant standards i.e. AS 1418.2



Product Code	Capacity	Effort @ max Cap (lbs)	Dimensions (in)							Load Chain Dia (mm)	No. of Falls	Std HOL (ft)	Net Wgt @ Std HOL (lbs)	Add. lb/ft (lbs)
			A	B	C	D	E	F1	F2					
PLH-0080	0.8t (1,800 lbs)	50.71	5.04	9.45	11.61	6.22	3.90	1.10	1.77	6.3	1	5	16.53	1.98
PLH-0160	1.6t (3,500 lbs)	57.32	6.06	14.17	12.60	6.77	4.09	1.34	2.01	7.1	1	5	23.15	2.43
PLH-0320	3.2t (7,100 lbs)	83.78	7.17	14.17	15.75	7.68	4.25	1.42	2.20	10.0	1	5	39.68	4.85
PLH-0630	6.3t (13,900 lbs)	88.18	9.53	14.17	22.44	7.68	4.25	1.93	2.76	10.0	2	5	62.83	9.48
PLH-1000	10t (22,000 lbs)	103.62	14.92	14.17	24.80	7.68	4.25	2.13	3.43	10.0	3	5	101.41	14.33
PLH-1500	15t (33,100 lbs)	97.00	22.28	14.17	33.07	7.68	4.25	2.32	3.19	10.0	5	5	246.92	23.81
PLH-2000	20t (44,100 lbs)	108.03	18.50	14.17	41.34	9.84	6.30	3.19	4.33	10.0	6	5	343.92	28.88

- Sling Protection
- Web Slings
- Round Slings
- Synthetic Chain Slings
- Wire Rope Slings
- Chain Slings
- Shackles & Turnbuckles
- Hooks & Links
- Lifting Points
- Hoists & Trolleys
- Lifting Devices
- Pipe & Hose Restraints
- Tie Down Assemblies
- Tie Down Accessories
- Towing & Recovery
- Rope & Cordage



**Tiger**



# Tiger Lifting TCB

**Certification:** Each unit comes fully certified with a test certificate or an EC Declaration of Conformity stating compliance with the essential health and safety requirements of the Machinery Directive 2006/42/EC. This document clearly states the proof test at 1.5 times the rated capacity and the light load test of 2% of the rated capacity, which exceeds the requirements of the current applicable standard.

## **Patent Protected Quad Cam Brake Pawl System:**

**Safety Brake:** The highly efficient and fully corrosion protected brake system works instantly when the operation is stopped and securely holds the load. Loads are lowered under perfect control, allowing for precise operations. The TCB easily passes the "brake lock out test" as per BS 3243:1990 with a 2% load of the rated capacity.

**Lifting at Angles:** The TCB range of chain blocks fitted with the patented protected Quad Cam Brake System has undergone a full and comprehensive testing regime that was drawn up by industry specialists and Tiger's mechanical engineers to provide evidence that these units can be safely used for "fleeting", "drifting" and "cross-hauling" applications up to 45° from the vertical without deration. Note: All such operations should be carried out in accordance with manufacturer's instructions and fully risk assessed by a competent person. With a conventional twin pawl brake mechanism (teardrop design) failure can occur if the pawl spring erodes, fractures or a shock load bounces the pawls out of the ratchet gear. Without the spring these systems rely on gravity keeping the pawls engaged and are flawed when the hoist is used at angles away from the vertical.

**Hand Wheel:** For chain blocks to be used up to an angle of 45 degrees, it's critical that the hand chain leaves and enters the hand wheel without twisting, snagging or jamming. Thanks to our specially designed deep-profile chain block hand wheel this is achievable as it helps to seat the chain no matter what angle or direction of pull.

**Double Cover Protection:** Both the hand chain wheel cover and the ratchet brake cover are designed to offer protection to the brake chamber in the harshest environments from foreign objects.

**Finish:** The TCB is finished in our high quality powder coat paint offering excellent corrosion protection.

**Forgings:** Recessed forgings offer full protection to the load chain anchor bolts on all our bottom hooks.

Multi-fall bottom hooks are designed and manufactured to exact tolerances to negate finger traps and twisted chain.

**Combination Trolley and Block:** The top hook can be replaced by a competent person so the TCB can be directly fitted to our beam trolley range of the equivalent capacity achieving the lowest possible headroom.

**Hand Wheel:** For chain blocks to be used up to an angle of 45 degrees, it's critical that the hand chain leaves and enters the hand wheel without twisting, snagging or jamming. Thanks to our specially designed deep-profile chain block hand wheel this is achievable as it helps to seat the chain no matter what angle or direction of pull.



Sling  
Protection  
Web  
Slings  
Round  
Slings  
Synthetic  
Chain Slings  
Wire Rope  
Slings  
Chain  
Slings  
Shackles &  
Turnbuckles  
Hooks &  
Links  
Lifting  
Points  
Hoists &  
Trolleys  
Lifting  
Devices  
Pipe &  
Hose  
Restraints  
The Down  
Assemblies  
The Down  
Accessories  
Towing &  
Recovery  
Rope &  
Coverage

## TCB Professional Chain Block

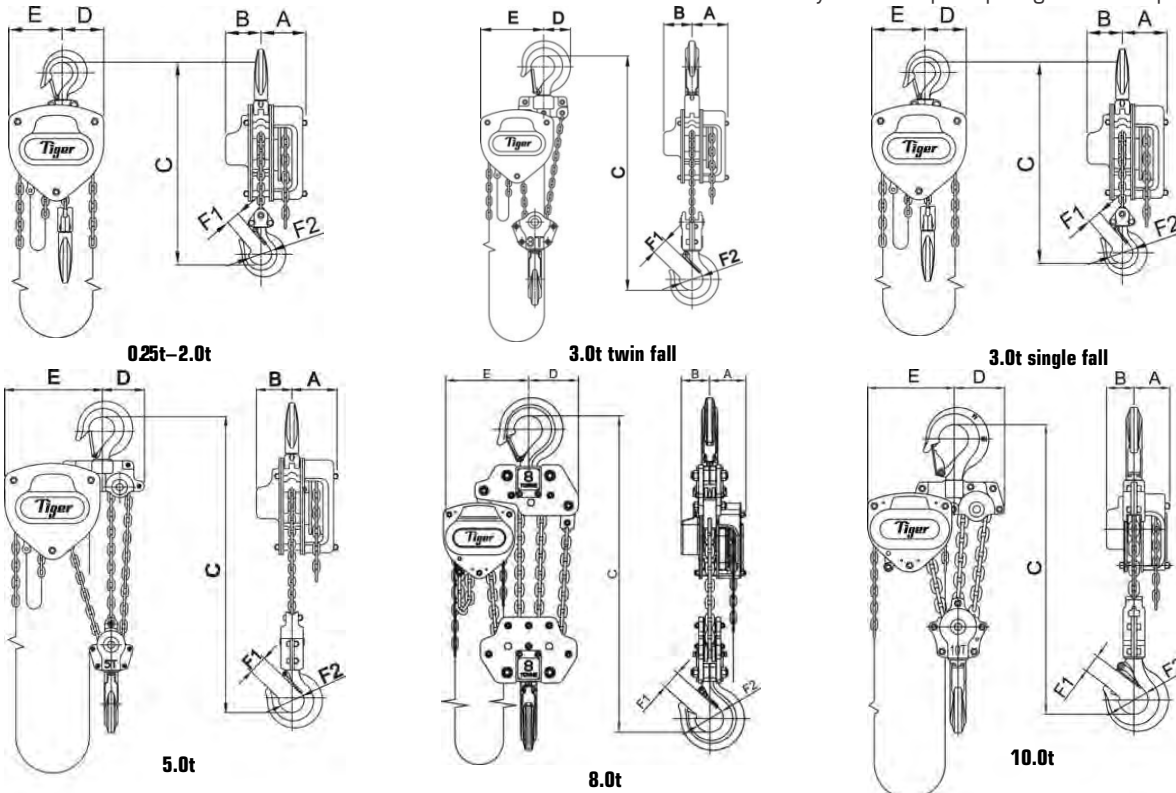
### Manual Chain Hoist

#### Product details

- Range from 250kg – 30000kg
- Tested and certified for “fleeting”, “drifting” and “cross-hauling” applications up to 45° from the vertical without deration
- Rugged steel body construction yet lightweight and portable
- High quality alloy calibrated load chain
- Proof tested to 1.5 times rated capacity
- Suitable for underground mining use
- Meets or exceeds all international standards
- **Patented Quad Cam Pawl System**



- Double cover protection for brake chamber
- Can be chained to any height of lift to meet your exact requirements
- Also available with stainless steel load chain
- Available with forged clevis adaptor components
- Available with slipping clutch overload protection
- Certified 2% light load protection
- Drop forged & heat treated alloy hooks
- Operating temperature of -40°C to +50°C
- Individual spares readily available
- Heat treated alloy steel triple spur gears and pinion shaft



Product Code	Capacity	Effort @ max Cap	Dimensions (in)							Load Chain Dia	No. of Falls	Std HOL	Net Wgt @ Std HOL	Add. lb/ft
			A	B	C	D	E	F1	F2					
	tonne (lbs)	(lbs)								(mm)		(ft)	(lbs)	(lbs)
CB-0050	0.5t (1,100 lbs)	46.30	3.66	2.60	12.01	2.05	3.07	0.94	1.50	6.3	1	10	23.15	4.19
CB-0100	1.0t (2,200 lbs)	55.12	3.66	2.60	13.39	2.48	3.43	1.10	1.77	6.3	1	10	25.35	4.19
CB-0150	1.5t (3,300 lbs)	70.55	3.86	2.87	15.16	3.07	4.02	1.34	2.01	7.1	1	10	35.27	4.63
CB-0200	2.0t (4,400 lbs)	74.96	3.98	3.11	16.54	3.43	4.45	1.38	2.09	8.0	1	10	44.09	5.29
CB-020L	2.0t (4,400 lbs)	92.59	3.86	2.87	15.71	3.07	4.02	1.38	2.09	7.1	1	10	36.38	4.63
CB-0300	3.0t (6,600 lbs)	83.78	4.29	3.31	21.65	3.86	6.18	1.42	2.20	10.0	1	10	67.24	7.05
CB-0500	5.0t (11,000 lbs)	81.57	3.98	3.11	22.64	4.80	8.23	1.93	2.76	8.0	3	10	82.67	11.46
CB-0800	8.0t (17,600 lbs)	81.57	3.98	3.11	29.33	5.51	9.37	2.01	3.07	8.0	4	10	141.10	14.55
CB-1000	10t (22,000 lbs)	88.18	4.29	3.31	25.98	6.02	10.35	2.13	3.43	10.0	3	10	141.10	16.53
CB-1500	15t (33,100 lbs)	90.39	4.29	3.31	33.07	8.86	14.88	2.32	3.19	10.0	5	10	283.29	26.01

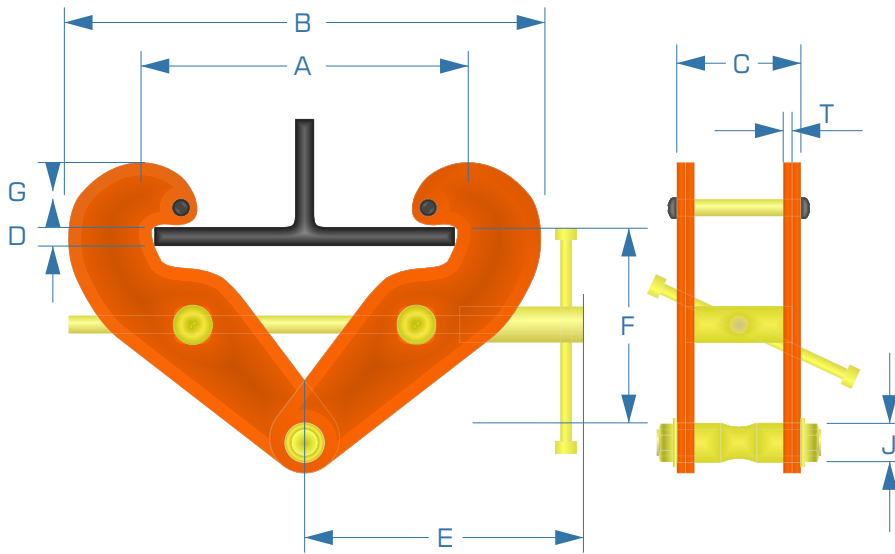
# BC Beam Clamp

## Beam Clamp with Suspension Bar

Product details



- Range from 1.0t to 10.0t
- Multidirectional adjusting screw spindle ensures a high clamping force to the various flange sizes within its capacity
- 5:1 Safety factor
- Quick and versatile rigging point for hoisting equipment
- Wide Beam flange adjustment range - Beam width range 75mm to 350mm
- Optional locking device
- Low headroom because of the built in anchor point
- Operating temperature of -50° to +50°



Product Code	Capacity	Dimensions (in)								Weight (lbs)
		A	B	C	D	E	F	G	J	
TBC-0100	1t (2,200) lbs	2.95-8.27	7.17-12.91	3.03	0.94	7.68	7.17-12.91	7.17-12.91	0.79	8.82
TBC-0200	2t (4,400) lbs	2.95-8.27	7.17-12.91	3.35	0.94	7.68	7.17-12.91	7.17-12.91	0.79	9.92
TBC-0300	3t (6,600) lbs	2.95-12.01	8.43-18.11	4.21	0.98	9.84	8.43-18.11	8.43-18.11	0.87	17.64
TBC-0500	5t (11,000) lbs	2.95-12.01	8.43-18.11	4.76	0.98	9.84	8.43-18.11	8.43-18.11	1.10	22.05
TBC-1000	10t (22,000) lbs	4.72-13.78	11.61-20.08	7.17	1.18	11.81	11.61-20.08	11.61-20.08	1.69	54.01

Certification: Each unit comes fully certified with a test certificate or an EC Declaration of Conformity stating compliance with the essential health and safety requirements of the Machinery Directive 2006/42/EC.

**WARNING: NEVER EXCEED WORKING LOAD LIMIT!**

Failure to follow instructions can result in serious property damage, injury or death!

For full user manual please visit [www.superslings.ca](http://www.superslings.ca)

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Round Slings  
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Pipe & Hose Restraints  
Tie Down Assemblies  
Tie Down Accessories  
Towing & Recovery  
Rope & Cordage



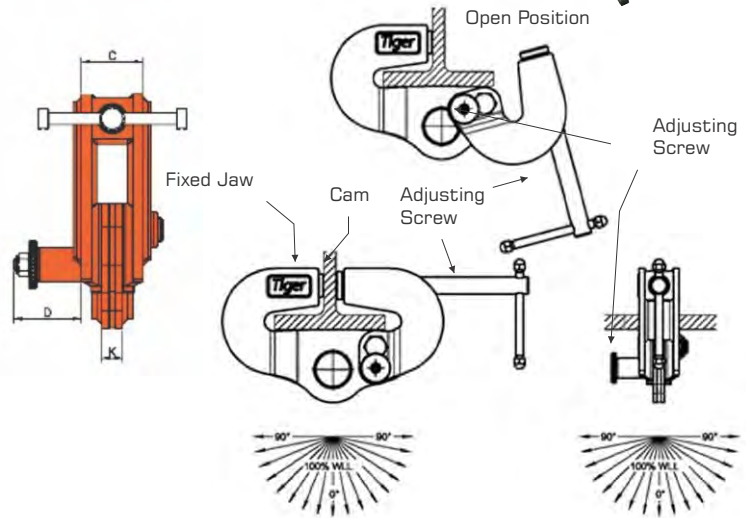
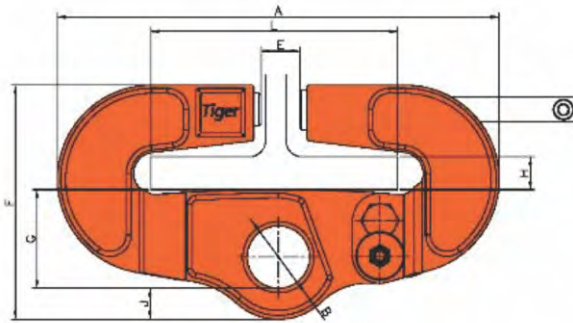
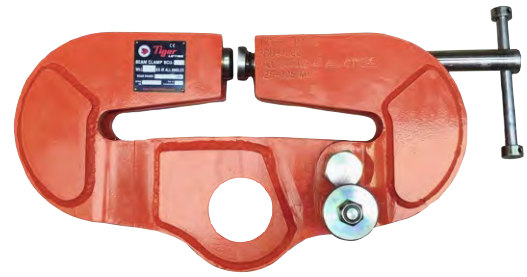
## BC Beam Clamp

### Beam Clamp with Suspension Bar

Product details



- Full rated capacity at any lifting angle
- 2.0t, 3.0t, 5.0t and 10.0t capacities available
- \*NEW\* 10t deep flange option (to 40mm)
- Quick and versatile rigging point for hoisting equipment
- Low headroom design
- Highly flexible – for lifting, pulling or as a semi-permanent anchor point
- Designed for both vertical and side loading applications - can be loaded at any angle
- Suitable for pulling and lifting at angles across the beam
- Designed to accommodate a wide range of beam widths
- Multidirectional adjusting screw spindle ensures a high clamping force to beam web
- Operating temperature -40°C to +80°C (temperature range of -60°C to +80°C available as an option)
- 4:1 factor of safety
- Complies with ASME B30.20 and EN13155 :2003+A2 :2009



Product Code	Capacity	Dimensions (in)											Net Weight
		(lbs)	A	B	C	D	E	F	G	H	J	K	
BCU-0200	4,400	13.27	2.28	2.36	2.68	1.26	7.99	3.48	1.00	0.89	0.79	2.99-7.48	22.05
BCU-0300	6,600	15.24	2.36	2.76	2.48	1.26	9.25	3.94	1.00	1.10	0.79	4.92-8.03	34.17
BCU-0500	11,000	20.63	2.76	2.91	2.83	1.26	10.55	4.72	1.00	1.42	0.94	4.92-12.01	59.52
BCU-1000	22,000	20.63	2.76	2.95	3.23	1.26	10.94	4.72	1.00	1.50	1.00	4.92-12.01	68.34
BCU-100D	22,000	21.22	2.99	2.99	3.23	1.85	11.26	4.72	1.57	1.50	1.00	4.92-12.01	72.75

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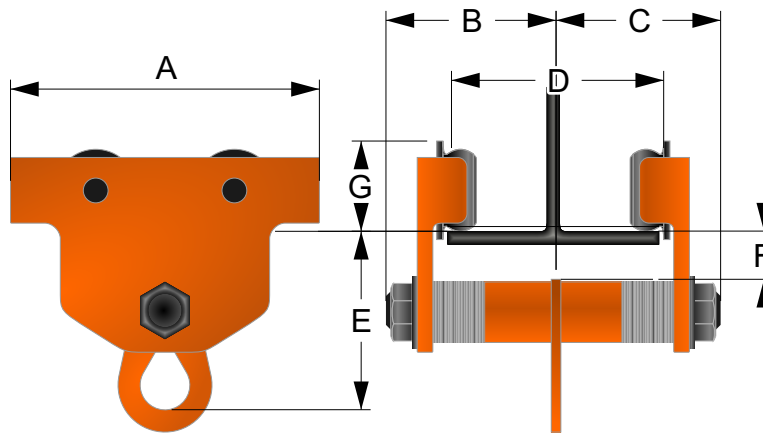


# TPS/TPT Professional Beam Trolley

## Plain Beam Trolley

Product details

- Plain Trolley Range from 0.5t to 10.0t
- Tiger trolley wheels are specially designed with a convex profile eliminating potential point loading
- Geared type available (with hand chain length to suit your requirements)
- Operating temperature of -30°C to +100°C (temperature range of -50°C to +100°C available as an option)
- Geared Trolley Range from 0.5t to 30.0t
- The wheels run on sealed bearings for smoother rolling with less effort and maintenance
- Extended beam width available
- Optional beam locking device
- The anti-drop plates design ensures extra safety, and also prevents damage to the wheels when contacting end rail stoppers
- Twin bar or single bar trolleys available
- Corrosion or Spark Resistant versions available
- The 5:1 factor of safety allows for use with manual or powered hoists



Product Code	Type	Capacity	D Track Width		Dimensions (mm)									Min. Curve Ratio	Net Weight
			Range 0.039"	Range 0.079"	A	B	C	E	F	G	H	J	K		
		tonne (lbs)												(ft)	(lbs)
TPS-0050	Plain	0.5t (1,100 lbs)	2.44-5.04	2.44-5.04	7.68	4.17	4.17	3.86	0.79	2.52	0.39	0.94	1.18	2.62	11.02
TPS-0100	Plain	1t (2,200 lbs)	2.44-5.04	2.44-5.04	8.39	4.45	4.45	4.17	0.79	2.80	0.39	1.10	1.34	3.28	16.53
TPS-0200	Plain	2t (4,400 lbs)	3.46-6.06	3.46-6.06	9.29	5.35	5.35	5.20	0.98	3.15	0.47	1.50	1.81	4.27	26.46
TPS-0300	Plain	3t (6,600 lbs)	3.43-6.02	3.43-6.02	10.63	5.75	5.75	5.91	0.98	3.82	0.51	1.65	2.05	4.92	42.99
TPS-0500	Plain	5t (11,000 lbs)	4.17-7.64	4.17-7.64	12.72	6.65	6.65	6.85	1.18	4.61	0.63	1.81	2.36	4.92	67.24

## TGS/TGT Professional Geared Beam Trolley Available by special order



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Sling Protection  
Web Slings  
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Hooks & Links  
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Hoists & Trolleys  
Lifting Devices  
Pipe & Hose Restraints  
Tie Down Assemblies  
Tie Down Accessories  
Towing & Recovery  
Rope & Cordage



# Tiger Lifting TRPS

The manual wire rope puller is a hand operated lifting and pulling device. The puller could also be used for lowering, tensioning and guying which makes it a versatile, portable and multipurpose tool.

The principle function of the wire puller is that the rope passes through mechanical jaws rather than being reeled on a drum of a puller or conventional winch. The tension of the rope is applied by means of two pairs of self-energized jaws which apply a grip onto the wire rope in sections. The effort is transferred to the jaws by two parallel levers, one for forward operation and the other for reverse operation. A telescopic bar, fitted to either the forward or reverse lever, transmits the effort to the jaw mechanism. This parallel clamping system provides an evenly distributed grip at a lower force, resulting in less rope wear. The load is held securely at all times.



**Increase the Pulling and Lifting Capacity:** Various methods of rigging are shown. For the correct and incorrect method refer to figures 1 and 2. Other methods of rigging will increase the capacity of the machine – refer to figures 3 and 4.

In examples 3 and 4 the maximum working load limit (WLL) of the pulley and anchor point shall be equal to or greater than two times the WLL.

**NOTE:** When the wire rope puller is anchored directly to a fixed point, ensure that there are no obstructions around the machine which could prevent the wire rope, puller and anchor from operating in a straight line.

It is recommended to use a sling of similar capacity between the anchor point and the unit.

**WARNING: Any rigging configuration which requires the calculation of forces applied should be checked by a competent engineer, with special attention to the strength of the fixed point used.**

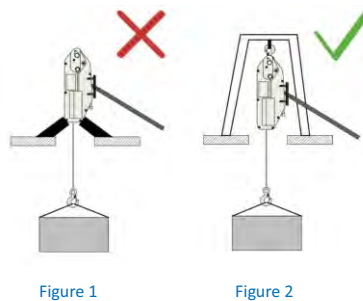


Figure 1

Figure 2

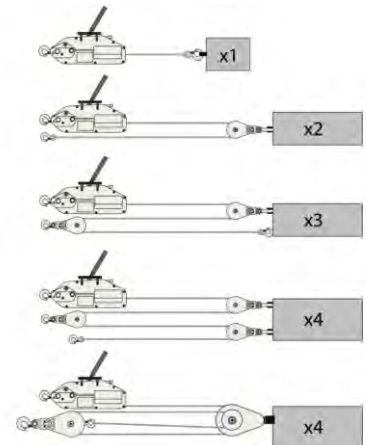


Figure 3

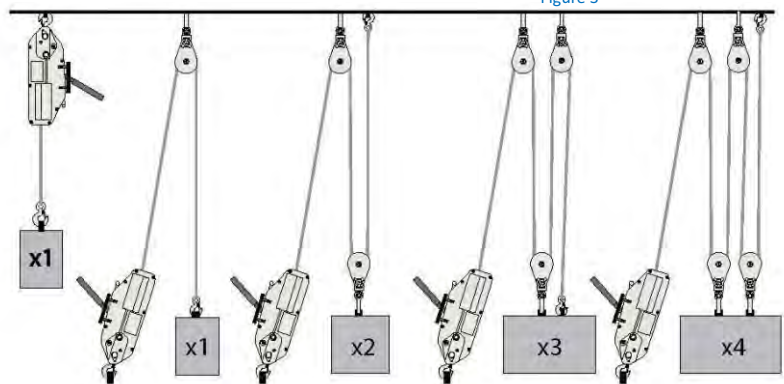


Figure 4



- Sling Protection
- Web Slings
- Round Slings
- Synthetic Chain Slings
- Wire Rope Slings
- Chain Slings
- Shackles & Turnbuckles
- Hooks & Links
- Lifting Points
- Hoists & Trolleys**
- Lifting Devices
- Pipe & Hose Restraints
- Tie Down Assemblies
- Tie Down Accessories
- Towing & Recovery
- Rope & Cordage



# TRPS/TRPA Wire Rope Puller

## Wire Rope Puller

Product details

- Range from 800kg to 5400kg (Lifting Capacity)
- Corrosion free aluminium alloy casing
- 20m steel wire with eye hook as standard
- Overload protection built in, with a shearing pin in the forward lever
- Parallel clamping system providing evenly distributed grip at a lower force, resulting in less rope wear
- Lightweight manual pulling machines - simple and safe to operate
- Steel versions also available
- Rope clamp system easily disengaged with a lever allowing smooth installation of wire rope
- Shear pins can be replaced without removing the load
- Individually serial numbered for traceability
- Compact high-strength
- Usable at horizontal, vertical and angled working positions
- Equipped with an anchor bolt offering numerous connection possibilities
- Spare shear pins supplied
- Supplied with relevant certification and user instructions
- Wire Rope Sold Separately



**TRPA (Aluminium)**



**TRPS (Steel)**

Product Code	WLL	Pulling Capacity	Rope Dia	Breaking Strain	Effort	Advance /Pull	Net Weight	Overall Length	Overall Height	Overall Width
	tonne (lbs)	tonne (lbs)	(mm)	(lbs)	(lbs)	(in)	(lbs)	(in)	(in)	(in)
TRPA-08	0.8t (1,800 lbs)	1.2t (2,600 lbs)	8.3	9,670	77.16	2.05	13.23	16.77	9.25	2.52
TRPA-16	1.6t (3,500 lbs)	2.4t (5,300 lbs)	11.0	26,980	90.39	2.17	24.25	21.46	11.02	3.82
TRPA-32	3.2t (7,100 lbs)	4.8t (10,600 lbs)	16.0	36,420	99.21	1.10	48.50	25.98	12.80	4.57
TRPA-54	5.4t (11,900 lbs)	8t (17,600 lbs)	20.0	59,350	167.55	1.18	130.07	36.61	18.90	5.98

Product Code	WLL	Pulling Capacity	Rope Dia	Breaking Strain	Effort	Advance /Pull	Net Weight	Overall Length	Overall Height	Overall Width
	tonne (lbs)	tonne (lbs)	(mm)	(lbs)	(lbs)	(in)	(lbs)	(in)	(in)	(in)
TRPS-08	0.8t(1,800 lbs)	1.2t (2,600 lbs)	8.3	9,670	77.16	2.05	17.64	17.32	10.43	2.48
TRPS-16	1.6t(3,500 lbs)	2.4t (5,300 lbs)	11.0	26,980	90.39	2.17	31.97	21.65	11.81	3.03
TRPS-32	3.2t(7,100 lbs)	4.8t (10,600 lbs)	16.0	36,420	99.21	1.10	61.73	27.17	13.78	3.58

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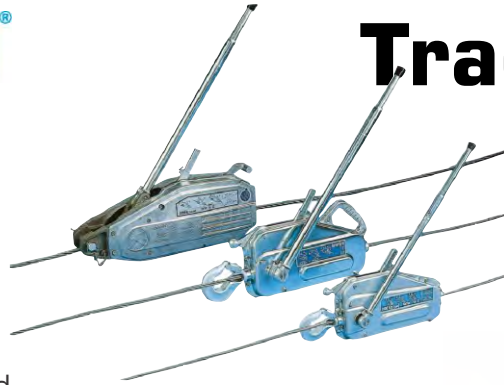
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Rope & Cordage

Lift it up, Tie it down, Pull it around



# Tractel - Tirfor®

The T-500 series of **Griphoist / Tirfor** machines are light and compact, making them easier to handle, while maintaining a high mechanical advantage and economic pricing.



## How They Work

The way a Griphoist / Tirfor unit works can be described as "hand-to-hand", like the way a sailor pulls on a rope...while one hand pulls the other changes position to pull in turn. They two hands in this metaphor represent the two jaws of the Griphoist / Tirfor. They grip the wire rope without damaging it, and alternately pull it during forward operation and hold it during reverse operation. The effort is transferred to the jaws by two levers: one for forward operation and the other for reverse operation. The load is held securely at all times. Without a ratchet or pawl, loads can be precisely positioned.

## Product Highlights

These machines are safe, reliable and efficient, and are suitable for many applications. Griphoist / Tirfor machines are simply lever-operated units that utilize a separate piece of wire rope (note: the wire rope used by these units is NOT standard production wire rope, rather it has a special construction made to work specifically with Griphoist / Tirfor units). Offering one-man operation, using a telescopic operating handle, they can work in any position and over any height of lift. They can indeed replace typical hoists and winches in many applications.

- Versatile--works in any position, horizontal or vertical and angled
- Length--unlimited length of wire rope is possible (aside from the standard lengths that ship with each unit, custom wire rope assemblies can be ordered)
- Smooth--continuous operation without jerking the load
- Strong--high mechanical advantage
- Safe & Reliable--whether lifting or lowering, the load is permanently controlled with total precision
- No Overloads--overloading is prevented thanks to a built-in safety device



Sling Protection

Web Slings

Round Slings

Synthetic Chain Slings

Wire Rope Slings

Chain Slings

Shackles & Turnbuckles

Hooks & Links

Lifting Points

Hoists & Trolleys

Lifting Devices

Pipe & Hose Restraints

Tie Down Assemblies

Tie Down Accessories

Towing & Recovery

Rope & Cordage

# Tirfor® Hoist

## Wire Rope Hoist/Puller

Product details

- Tirfor® machines are portable manual hoists used with maxiflex wire rope.
- They can be used to lift, pull and position loads over great distances depending on the wire rope length.
- They are suitable for use in numerous configurations and are the ideal solution for use in professional applications; they are operated by a simple lever.
- Option: the load capacity of the Tirfor® system can be increased by using sheave blocks.
- Portable hoist to lift and pull loads, for utilisation in numerous configurations with longer cable lengths available upon request.

- Low weight—quick installation
- No limitation in terms of cable length
- Manageable, light-weight, robust, powerful
- Increase load capacity with deflection sheaves
- Overload protection
- Precise load placement within millimetres

NOTE: Wire ropes for each model are available from stock but are sold separately (not included with Tirfor winches).

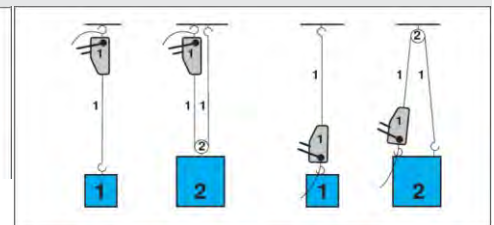
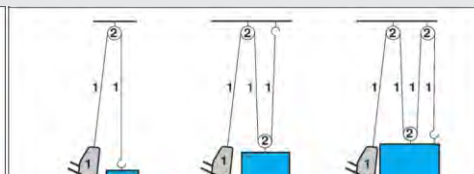
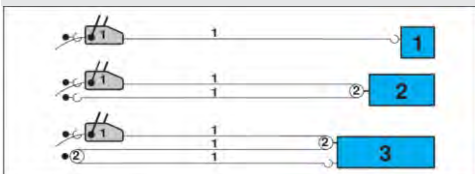


**T-500 Series**



**TU Series**

Model No.	*Lift WLL (kg)	*Pull WLL (kg)	Wt (kg)	Wire Rope Wt @ 20 metre (kg)	**Rope (mm) OD	Wire Rope UTS (kg)	Dimensions (mm) LxWxH	Handle Dimensions (mm) Open/Closed	Replacement Safety Shear Pin	Rope 20 metre Reeler Model No.
<b>T-508D</b>	800	1,333	6.6	6.1	8.3	4,000	420x250x59	690/400	<b>29506</b>	<b>1959</b>
<b>T-516D</b>	1,600	2,666	13.5	13.1	11.5	8,000	530x315x127	1150/650	<b>29516</b>	<b>2059</b>
<b>T-532D</b>	3,200	5,333	24.0	26.6	16.3	16,000	620x355x130	1150/650	<b>41206</b>	<b>2379</b>
<b>TU-8</b>	800	1,333	8.4	6.1	8.3	4,000	527x265x108	770-510	<b>8836</b>	<b>1959</b>
<b>TU-16</b>	1 600	2 666	20 0	13 1	11 5	8 000	660x330x140	1190-680	<b>8836</b>	<b>2059</b>
<b>TU-32</b>	3 200	5 333	27 0	26 6	16 3	16 000	676x330x156	1190-680	<b>6866</b>	<b>2379</b>



**WARNING: NEVER EXCEED WORKING LOAD LIMIT!**

Failure to follow instructions can result in serious property damage, injury or death!  
 For full user manual please visit [www.superslings.ca](http://www.superslings.ca)

**DP - DuraPuller**

**Wire Rope Puller**

Product details



- Solid one piece gear & drum
- Double-drive pawls & gears for power & balance
- Double-reverse BACK-OFF pawls for secure, E-Z unloading
- 360 degree rotation

- Protective cable cover plate
- Spring operated holding pawls
- Heat-treated drop forged hooks with safety latches
- Tempered at all stress points



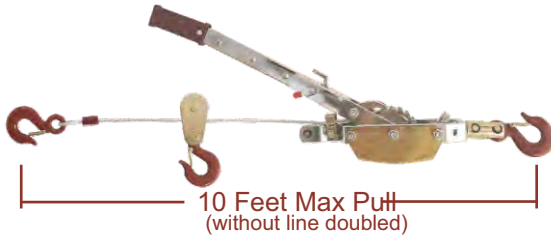
DP4 - 4 Ton



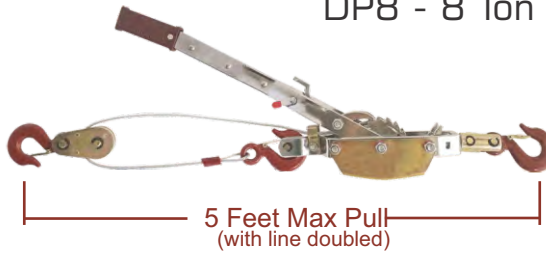
DP2 - 2 Ton



DP8 - 8 Ton



10 Feet Max Pull  
(without line doubled)



5 Feet Max Pull  
(with line doubled)

Product Number	Handle Length (IN)	Weight Each (Lb.)	Qty Per Box	Work Load Limit (Tons)	Single Line W.L.L. (Lb.)	Single Line Capacity (Lb.)	Double Line W.L.L. (Lb.)	Double Line Capacity (Lb.)	Maximum Pull (Ft)
DP-T2	20	8.2	6	2	1000	2000	-	-	12
DP-T4	20	9.4	6	4	2000	4000	-	-	6
DP-T8	22	14.4	4	8	2000	4000	4000	8000	5 to 10

**DuraBilt**

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- Sling Protection
- Web Slings
- Round Slings
- Synthetic Chain Slings
- Wire Rope Slings
- Chain Slings
- Shackles & Turnbuckles
- Hooks & Links
- Lifting Points
- Hoists & Trolleys**
- Lifting Devices
- Pipe & Hose Restraints
- Tie Down Assemblies
- Tie Down Accessories
- Towing & Recovery
- Rope & Cordage

# BHW Brake Hand Winch



## Hand Winch w/ Brake

Product details

- High quality multi-purpose winch
- Gears and brakes fully covered to prevent dust, dirt and rain contamination
- Universal mounting plate
- Finished in high quality powder coat paint offering excellent corrosion protection
- Automatic load-actuated brake can hold the load in any position
- Heat treated gears
- Available as 800lb, 1200lb, 1800lb, and 2600lb models.
- 3D Drawings available on full range for project planning
- Compact, light-weight and rugged construction
- Very low operator effort required for easy operation
  - For cable and strap
- Operating temperature of -20°C to +80°C (temperature range of -40°C to +80°C available as an option)



Product Code	Pulling Capacity (lbs/kg)	Lifting Capacity (lbs/kg)			Gear Ratio	Hub Diameter (mm)	Handle Length (mm)	Unit Weight (kg)	Cable Diameter (mm/inch)	Cable Storage Cap. (m)	Strap Storage Cap. (m)
		1st Layer	Mid Layer	Last Layer							
BHW-0800	800/360	800/360	560/254	400/180	4.1:1	Ø40	160	3.0	Ø4/Ø5/32	36	9.1
BHW-1200	1200/550	1200/550	864/392	600/275	4.1:1	Ø50	210	3.5	Ø5/Ø3/16	23	8.5
BHW-1800	1800/800	1800/800	1239/562	900/400	5:1	Ø70	320	8.0	Ø6/Ø1/4	24	14.1
BHW-2600	2600/1180	2600/1180	1861/844	1300/590	10:1	Ø82	320	10.5	Ø8/Ø5/16	18	10.6

Product Code	Description	Width (mm)	Thickness (mm)	Breaking Load (kg)	Available For
TG-48	6 m with safety hook	48	1.2	2068.5	BHW-800 & BHW-1200
TG-54	9 m with safety hook	54	1.4	2864	BHW-1800
TG-60	9 m with safety hook	60	1.7	4136	BHW-2600

Product Code	Description	Diameter (mm)	Breaking Load (kg)	Available For
WWR-04-30	30 m with safety hook	4	1270	BHW-0800
WWR-05-20	20 m with safety hook	5	2000	BHW-1200
WWR-06-22	22 m with safety hook	6	3000	BHW-1800
WWR-08-16	16 m with safety hook	8	4500	BHW-2600

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Hoists & Trolleys  
Lifting Devices  
Pipe & Hose Restraints  
The Down Assemblies  
The Down Accessories  
Towing & Recovery  
Rope & Cordage



# 20 YEARS of super slings inc.

Secure Solutions

# RIGGING BLOCKS



Super Slings Inc.

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Tie Down Accessories
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Rope & Carriage



# WARNING!

This document contains warnings and use limitation information applicable to Snatch Blocks provided by Super Slings and is supplied with all Super Slings shipments. It is the responsibility of the purchasing agent, employer and/or end user to pass on this information in their warnings and use limitation literature. All users and personnel involved should fully understand all warnings, cautions and hazards involved with snatch block operation. **NEVER USE A SNATCH BLOCK WITHOUT TRAINING**

### Protect Yourself and Others

- **NEVER** use a Snatch Block without training.
- **ALWAYS** inform yourself ... Ask your employer for the Snatch Block safe use instructions.
- **ALWAYS** comply with applicable Federal and local regulations.
- **ALWAYS** know applied lift system load.
- **NEVER** use a Snatch Block without a legible product identifier.
- **NEVER** overload a Snatch Block.
- **NEVER** ride on a Snatch Block or load.
- **NEVER** rig a Snatch Block improperly.
- **NEVER** use a worn – out or damaged Snatch Block.
- **NEVER** use a Snatch Block in extreme temperatures.
- **NEVER** use a Snatch Block in alkaline acidic conditions.



Maximum LSL applied to snatch block fitting must be known for proper snatch block selection.

LSL is calculated by the following formula:  $LSL = (LP) * (LF)LA$   
See illustration and table in Figure No. 1. LSL must be calculated for each snatch block in the lift system.

Snatch Block Working Load Limit (WLL) with appropriate design factor shall be equal to or greater than the corresponding maximum LSL.

Working Angle	Angle Factor	Working Angle	Angle Factor	Working Angle	Angle Factor	Working Angle	Angle Factor
0°	2.00	45°	1.84	90°	1.41	140°	0.68
10°	1.99	50°	1.81	100°	1.29	150°	0.52
20°	1.97	60°	1.73	110°	1.15	160°	0.35
30°	1.93	70°	1.64	120°	1.00	170°	0.17
40°	1.87	80°	1.53	130°	0.84	180°	0.00

• **Never use a Snatch Block without training.** OSHA regulation requires responsible work practice.

“The employer shall permit only those employees qualified by training or experience to operate equipment or machinery” – OSHA 1926.20 (b) (4).

Employee training should include information given in OH&S training literature, ASME B30.26 - 2010 “Rigging Hardware” standard, lift system manufacturer’s literature, Gunnebo Industries DVD of “Recommended Inspection Practices for Johnson Lifting Accessories”, and this document.

• **Always inform yourself.** Ask your employer for Snatch Block safe use instruction.

The employer shall instruct each employee in the recognition and avoidance of unsafe conditions and the regulations applicable to his work environment to control or eliminate any hazards or other exposure to illness or injury” – OSHA 1926.21 (b) (2).

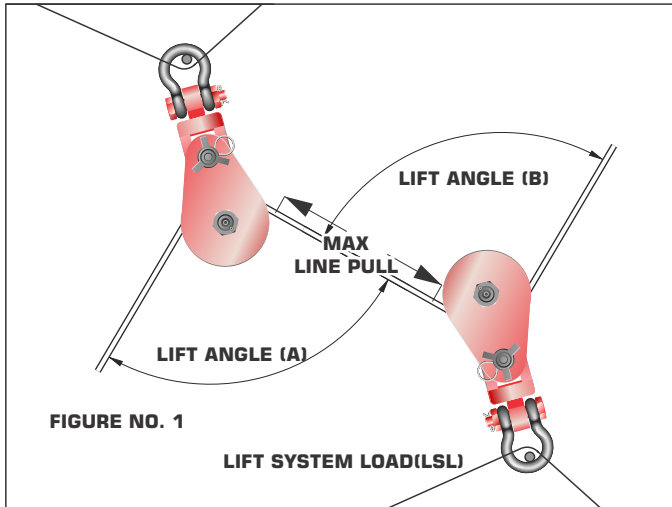
• **Always comply with applicable Federal and local regulations.** Federal and local regulations govern worksite activity.

Understand all governing laws and safety standards before use of Snatch Blocks in lift systems. Contact your local authority or ASME at (800) 843-2763, or www.ASME.org for reference assistance.

• **Always know applied lift system load.** Avoid improper Snatch Block selection.

Lift system load (LSL) applied to the snatch block fitting is based upon line pull (LP) and load factor (LF) for a given lift angle (LA).

LIFT SYSTEM LOAD(LSL)



• **Never use a Snatch Block without a legible product identifier.** Product Identification is required to insure proper application. Snatch Blocks have a product identifier giving WLL, designfactor, wire rope range, and important user warnings. The information is required for confirmation of proper application prior to use.

Example of Product Identifier



## Johnson Snatch Blocks

### Wire Rope Snatch Blocks

#### Product details

Johnson Snatch Blocks have the convenient side opening feature. This is true even of our heavy duty top dead-end models, and makes it easy to reeve the block without removing any fitting from the end of the wire rope. Other features include choice of swivel hook, shackle, eye fittings or Tailboard Blocks which have no fittings at all.

#### Standard Features

- Rugged and reliable
- 4:1 design factor
- Easy-open side plates
- Metric rated
- Large hand nuts
- Retainer on latch pin
- Bow shackle with retainer pin
- Bronze bushing

#### Wide Range

We offer over 250 models and sizes, from 2 to 30 metric tonnes. Sheave sizes from 3 to 24 inches in diameter. Multiple rope sizes and end fittings available.

#### Rugged

Johnson's famous durability is well established in the industry. These blocks stand up to the toughest applications, whether in blistering sun or under icy blizzard conditions.

#### Reliable

From built-in strength comes the reliability long associated with the Johnson name. These blocks are performers, day after day and year after year.

#### J-Latch Replacement Kit

Johnson's exclusive J-Latch is a uniquely engineered hook latch system providing outstanding flexibility and durability. Its heavy-duty design incorporates a steel beam that positively engages a special recessed area in the hook tip. The removable two position pin allows the J-Latch to function either as a locked bar or as an automatic spring latch.

The J-Latch meets OSHA requirements and is standard equipment on Johnson crane blocks through 330 short tons, all Johnson overhaul balls, and all swivels and snatch blocks with hooks.

#### Optional Features

- Proof load
- Roller bearings
- Marine epoxy paint
- Heavy duty J-latch
- Larger sizes
- Customized blocks
- CE compliant upon request

#### Many Choices

Singles, doubles, top dead end, towing, oilfield, pipe laying and general construction. Sizes and specific models for all.

#### Convenient

Large, easy to grip hand nuts on all models, especially on the smallest models. Makes it easier to open and close under all conditions without removing gloves, and easy to tap with a hammer to loosen or lock down.

#### Secondary Securement

All hand nuts and shackles are fitted with "R" pins as a secondary securement device, for example where inspection is limited or infrequent due to location or other factors.



Item No.	J-Latch Kit No.	Crane Block WLL	Weight	Weight	Hook Part Number
	(short tons)	lbs	kgs		
471782	JL3-5	3-5	0.2	0.09	2590/10390/10153
471784	JL10-15	10-15	0.4	0.18	2217/10392
471786	JL30	30	1.5	0.68	2635
471787	JL35-45	35-45	2.1	0.95	2633
471788	JL50-70	50-70	5.0	2.3	2636/2637
471789	JL75-110	75-110	7.3	3.3	2638/2639
471790	JL115-175	115-175	8.5	3.9	2600/2630
474206	JL200-300	200-330	35	15.9	1096/4012/11363

- Sling Protection
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- Hooks & Links
- Lifting Points
- Rigging Blocks**
- Lifting Devices
- Pipe & Hose Restraints
- Tie Down Assemblies
- Tie Down Accessories
- Towing & Recovery
- Rope & Carriage

# Johnson Standard Snatch Blocks

## Wire Rope Snatch Blocks

Design Factor 4:1, CE Marked

Sling Protection  
Web Slings  
Round Slings  
Synthetic Chain Slings  
Wire Rope Slings  
Chain Slings  
Shackles & Turnbuckles  
Hooks & Links  
Lifting Points  
Rigging Blocks  
Lifting Devices  
Pipe & Hose Restraints  
The Down Assemblies  
The Down Accessories  
Towing & Recovery  
Rope & Cords



Item No.	Type	Model No.	WLL	Sheave Dia	Wire Rope Size		Weight
					in	mm	
			tonne	in	in	mm	lbs
<b>Snatch Block – Tailboard, Single Sheave</b>							
474572012QR3	Tailboard	SB2S3BT	2	3"	5/16"-3/8"	(8-10mm)	3
474562016QR3	Tailboard	SB4S4BT	4	4"	3/8"-1/2"	(10-13mm)	10
474621016QR3	Tailboard	SB4S6BT	4	6"	3/8"-1/2"	(10-13mm)	13
474624016QR3	Tailboard	SB4S8BT	4	8"	3/8"-1/2"	(10-13mm)	17
474542024QR3	Tailboard	SB8S6BT	8	6"	5/8"-3/4"	(16-19mm)	16
474369024QR3	Tailboard	SB8S8BT	8	8"	5/8"-3/4"	(16-19mm)	25
474375024QR3	Tailboard	SB8S10BT	8	10"	5/8"-3/4"	(16-19mm)	31
474381024QR3	Tailboard	SB8S12BT	8	12"	5/8"-3/4"	(16-19mm)	34
474410028QR3	Tailboard	SB12S6BT	12	6"	3/4"-7/8"	(20-22mm)	28
474416028QR3	Tailboard	SB12S8BT	12	8"	3/4"-7/8"	(20-22mm)	42
474422028QR3	Tailboard	SB12S10BT	12	10"	3/4"-7/8"	(20-22mm)	54
474733036QR3	Tailboard	SB20S8BT	20	8"	1"-1-1/8"	(26-29mm)	46
474734036QR3	Tailboard	SB20S10BT	20	10"	1"-1-1/8"	(26-29mm)	65
<b>Snatch Block w/ Shackle, Single Sheave</b>							
474602012QR3	Shackle	SB2S3BS	2	3"	5/16"-3/8"	(8-10mm)	5
474603016QR3	Shackle	SB4S4BS	4	4"	3/8"-1/2"	(10-13mm)	17
474620016QR3	Shackle	SB4S6BS	4	6"	3/8"-1/2"	(10-13mm)	20
474623016QR3	Shackle	SB4S8BS	4	8"	3/8"-1/2"	(10-13mm)	24
474644016QR3	Shackle	SB4S10BS	4	10"	3/8"-1/2"	(10-13mm)	33
474365024QR3	Shackle	SB8S6BS	8	6"	5/8"-3/4"	(16-19mm)	28
474371024QR3	Shackle	SB8S8BS	8	8"	5/8"-3/4"	(16-19mm)	37
474377024QR3	Shackle	SB8S10BS	8	10"	5/8"-3/4"	(16-19mm)	43
474587024QR3	Shackle	SB8S12BS	8	12"	5/8"-3/4"	(16-19mm)	54
474412028QR3	Shackle	SB12S6BS	12	6"	3/4"-7/8"	(20-22mm)	50
474418028QR3	Shackle	SB12S8BS	12	8"	3/4"-7/8"	(20-22mm)	64
474424028QR3	Shackle	SB12S10BS	12	10"	3/4"-7/8"	(20-22mm)	76
474582028QR3	Shackle	SB12S12BS	12	12"	3/4"-7/8"	(20-22mm)	92
474436028QR3	Shackle	SB12S14BS	12	14"	3/4"-7/8"	(20-22mm)	110
474455028QR3	Shackle	SB15S8BS	15	8"	3/4"-7/8"	(20-22mm)	64
474461028QR3	Shackle	SB1510BS	15	10"	3/4"-7/8"	(20-22mm)	78
474647036QR3	Shackle	SB20S8BS	20	8"	1"-1-1/8"	(26-29mm)	95
474728036QR3	Shackle	SB20S10BS	20	10"	1"-1-1/8"	(26-29mm)	114
474729036QR3	Shackle	SB20S12BS	20	12"	1"-1-1/8"	(26-29mm)	117
474730036QR3	Shackle	SB20S14BS	20	14"	1"-1-1/8"	(26-29mm)	128
474731036QR3	Shackle	SB20S16BS	20	16"	1"-1-1/8"	(26-29mm)	161
<b>Snatch Block w/ Hook &amp; Latch, Single Sheave</b>							
475092012QR3	Hook	SB2S3BH	2	3"	5/16"-3/8"	(8-10mm)	5
474655016QR3	Hook	SB4S4BH	4	4"	3/8"-1/2"	(10-13mm)	16
475090016QR3	Hook	SB4S6BH	4	6"	3/8"-1/2"	(10-13mm)	19
475093016QR3	Hook	SB4S8BH	4	8"	3/8"-1/2"	(10-13mm)	22
474601024QR3	Hook	SB8S8BH	8	8"	5/8"-3/4"	(16-19mm)	35
475104024QR3	Hook	SB8S10BH	8	10"	5/8"-3/4"	(16-19mm)	42
474583024QR3	Hook	SB8S12BH	8	12"	5/8"-3/4"	(16-19mm)	53
475109028QR3	Hook	SB12S6BH	12	6"	3/4"-7/8"	(20-22mm)	46
474577028QR3	Hook	SB12S8BH	12	8"	3/4"-7/8"	(20-22mm)	60
474594028QR3	Hook	SB12S10BH	12	10"	3/4"-7/8"	(20-22mm)	72
474581028QR3	Hook	SB12S12BH	12	12"	3/4"-7/8"	(20-22mm)	88
475119028QR3	Hook	SB15S8BH	15	8"	3/4"-7/8"	(20-22mm)	66
475121028QR3	Hook	SB15S10BH	15	10"	3/4"-7/8"	(20-22mm)	80
475123028QR3	Hook	SB15S12BH	15	12"	3/4"-7/8"	(20-22mm)	97
475129036QR3	Hook	SB20S8BH	20	8"	1"-1-1/8"	(26-29mm)	81
475131036QR3	Hook	SB20S10BH	20	10"	1"-1-1/8"	(26-29mm)	100
475133036QR3	Hook	SB20S12BH	20	12"	1"-1-1/8"	(26-29mm)	103

**WARNING: NEVER EXCEED WORKING LOAD LIMIT!**

Failure to follow instructions can result in serious property damage, injury or death!

For full user manual please visit [www.superslings.ca](http://www.superslings.ca)

**Lift it up, Tie it down, Pull it around**  
**Other Johnson Snatch Blocks**



**Double-Sheave  
w/ Hook**



**Double-Sheave  
w/ Shackle**



**Top Dead-End  
w/ Hook**



**Top Dead-End  
w/ Shackle**



**Hayfork  
Pulley**



**Guyline  
Block**



**Tong Line  
Blocks**



**Laydown  
Blocks**



**Manhandler™  
Derrick blocks**



**Oilfield  
Tubing Blocks**



**Oilfield  
Tubing Blocks**

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Rope & Carriage



Snatch blocks are a pulley block with a side plate that can be opened so that you don't have to thread the rope through the pulley. Generally, Snatch blocks are used in applications to move

loads intermittently over short distances, as opposed to continuous service with long lifts. They are often used in conjunction with a winch in a recovery application where secure points may be offset from pulling direction.

These snatch blocks are furnished with a bronze bushing which is a friction bearing needing lubrication to provide best service life.

- Forged alloy hooks – heat treated – with latch
- Shackle/Hook forged steel – heat treated
- Forged steel swivel tees, yokes and shafts
- Bronze bush with grease nipple
- Fittings are painted yellow for quick recognition
- Designed for intermittent use with low line speed
- Ultimate load 4 x Working Load Limit (WLL)

#### MAINTENANCE:

To ensure peak efficiency and see an extended service life, it is necessary that blocks be inspected and maintained at frequent intervals:

Inspection procedures for any sign of wear or damage, such as:

Worn or damaged shafts, bushings, slide plates and pins hooks or shackles: replace any part showing signs of wear or damage!

Hook latch for proper fit and operation. Replace deformed latches!

These particular blocks feature bronze bushings, which are not self-lubricating. They are designed for infrequent or intermediate use with low line speed. Observe the following lubrication schedule.

Assuming normal usage conditions moderate

– Lubricate every 6 – 8 hours of continuous use.

Assuming normal usage conditions Intermittent

– Lubricate once weekly

#### **FAILURE TO OBSERVE THESE WARNINGS MAY RESULT IN SERIOUS INJURY OR DEATH!**

All inspections, maintenance, block lifting design and rigging of blocks should be performed by a qualified/competent person (as defined by ANSI/ASME B.30)

- ALWAYS inspect snatch blocks before use. If during the inspection the unit is found to be damaged, cracked or deformed it must be removed from service immediately for repair.
- ALWAYS design and rig snatch block systems so that the load will not slip or fall.
- ALWAYS design lifting systems with the appropriate number of sheave assemblies to prevent premature sheave, bearing or wire rope wear and failure.
- ALWAYS make sure that all workers keep their hands, bodies and clothing away from the block sheaves, and pinch points where the wire rope makes contact with any part of the block or load.
- ALWAYS make sure that the hook NOT that latch supports the load.
- ALWAYS make sure that snatch blocks are regularly inspected, lubricated and maintained (see lubrication section).
- NEVER exceed the working load limit (WLL).
- NEVER sideload a snatch block.
- NEVER weld snatch blocks or load supporting parts.
- NEVER lift or transport loads over or near people.



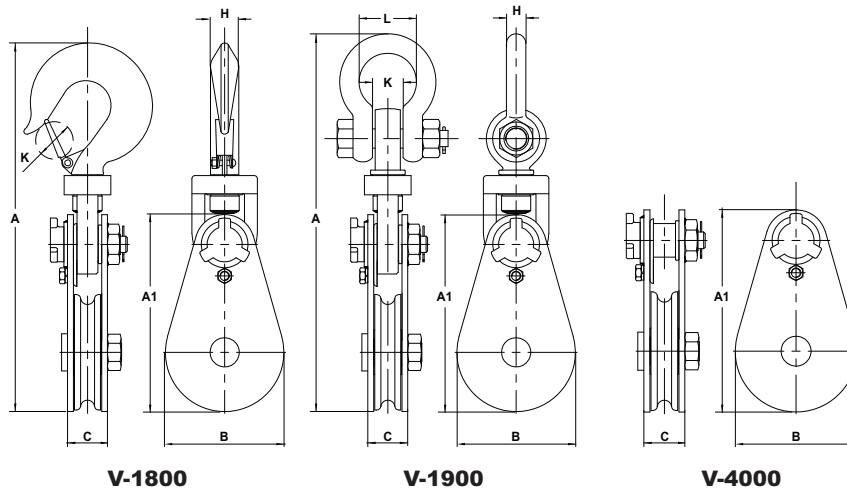
## Snatch Blocks

### Wire Rope Snatch Blocks

Product details

#### Application

- Forged alloy hooks – heat treated – with latch
- Shackle/Hook forged steel – heat treated
- Forged steel swivel tees, yokes and shafts
- Bronze bush with grease nipple
- Fittings are painted yellow for quick recognition
- Designed for intermittent use with low line speed
- Ultimate load 4 x Working Load Limit (WLL)



Item Code	Sheave Diameter	Rope Diameter	WLL	Dimensions [in]							Weight ea.
	[in]	[in]		[tons]	A	A1	B	C	H	K	L
<b>V-1800 SNATCH BLOCK WITH HOOK AND LATCH</b>											
39-B109037	3	3/8	2	9.65	4.88	2.99	1.50	0.79	0.91		3
39-B109064	4-1/2	1/2	4	14.09	7.46	4.25	1.99	1.18	1.50		12
39-B109126	6	3/4	8	17.91	9.65	5.98	2.30	1.42	1.81		27
39-B109224	8	3/4	8	19.88	11.78	7.99	2.30	1.42	1.81		35
39-B109322	10	3/4	8	21.89	13.90	10.00	2.30	1.42	1.81		50
39-B10928	8	1-1/8	15	24.72	13.29	7.99	2.72	1.69	2.09		58
39-B121022	8	1-1/8	20	28.15	14.80	7.99	3.35	2.28	2.60		103
<b>V-1900 SNATCH BLOCK WITH SWIVEL SHACKLE</b>											
39-B108038	3	3/8	2	9.65	4.88	2.99	1.50	0.79	1.28	0.50	3
39-B108065	4-1/2	1/2	4	13.94	7.46	4.25	1.99	1.22	1.91	0.75	13
39-B108127	6	3/4	8	18.31	9.65	5.98	2.30	1.69	2.68	1.00	29
39-B108225	8	3/4	8	20.28	11.75	7.99	2.30	1.69	2.68	1.00	36
39-B108323	10	3/4	8	22.24	13.90	10.00	2.30	1.69	2.68	1.00	53
39-B169418	8	1-1/8	15	24.88	13.29	7.99	2.72	2.09	3.46	1.44	65
39-B120023	8	1-1/8	20	29.09	14.80	7.99	3.35	2.36	3.80	1.54	117
<b>V-4000 TAILBOARD WITH PIN ONLY</b>											
39-B102016	3	3/8	2		4.88	2.99	1.50				3
39-B102025	4-1/2	1/2	4		7.46	4.25	1.99				8
39-B102098	6	3/4	8		9.65	5.98	2.30				15
39-B102169	8	3/4	8		11.75	7.99	2.30				25
39-B103523	8	1-1/8	20		14.80	7.99	3.35				70



**WARNING: NEVER EXCEED WORKING LOAD LIMIT!**

Failure to follow instructions can result in serious property damage, injury or death!

For full user manual please visit [www.superslings.ca](http://www.superslings.ca)

- Sling Protection
- Web Slings
- Round Slings
- Synthetic Chain Slings
- Wire Rope Slings
- Chain Slings
- Shackles & Turnbuckles
- Hooks & Links
- Lifting Points
- Rigging Blocks**
- Lifting Devices
- Pipe & Hose Restraints
- Tie Down Assemblies
- Tie Down Accessories
- Towing & Recovery
- Rope & Carriage

Sling Protection  
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Rope & Cordage

## Yarding Blocks

### Wire Rope Yarding Blocks

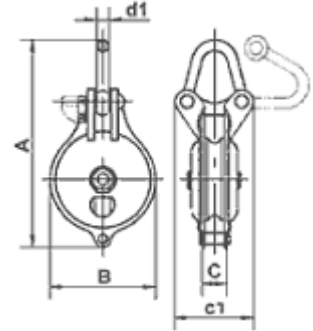
Product details

#### Application

Yarding blocks are constructed with high quality cast steel sheaves that possess machined grooves. One side of the pulley block is hinged and can be opened for quick and easy positioning of rope. Hooks possess safety latches. Yarding blocks meet CE safety standards



Item Code	WLL	Sheave Diameter	Dimensions (in)					Weight ea.
			A	B	C	C-1	d-1	
	Tons	[in]						[lbs]
39-131103	1-1/2	3	6.93	3.35	1.02	3.15	0.47	3
39-131104	3	4	9.25	4.76	1.34	3.39	0.63	5
39-131105	4-1/2	5	12.01	5.71	1.50	4.06	0.71	9
39-131106	6	6	13.78	7.09	1.61	4.33	0.87	17
39-131108	8	8	16.73	8.86	1.81	6.50	1.10	35



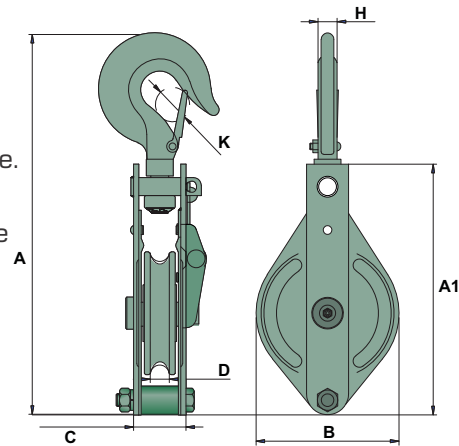
## Cast Iron Snatch Blocks

### Wire Rope Snatch Blocks

Product details

#### Application

- Supplied with smooth long lasting needle bearing sheave.
- Spring loaded safety latch on swivel hook
- Moveable side plate allows easy installation of wire rope



Item Code	WLL	Sheave Diameter	Rope Size	Dimensions (in)						Weight ea.
				A	A1	B	C	H	K	
	Tons	[in]	[in]							[lbs]
39-130103	1/2	3	3/8	11.73	6.73	3.46	1.38	0.57	0.79	3.15
39-130104	1	4	7/16	13.74	7.98	4.41	1.61	0.59	0.87	5.54
39-130105	1-1/2	5	1/2	15.91	9.43	5.51	1.77	0.79	0.91	8.30
39-130106	2	6	5/8	18.98	10.83	6.46	2.05	1.10	1.30	15.50

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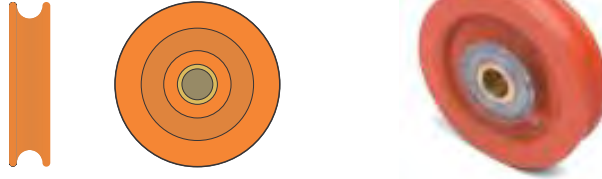
## Cast Iron Sheaves

### Sheaves

Product details

### Application

- Made of cast iron
- Durable bronze bushings
- Ball type oiler
- Factory tested to 150% of rated capacity
- NOTE: Not a replacement for snatch block or yarding block sheaves



Item Code	Sheave Diameter	Bore Size	Rope Diameter	WLL	Width	Weight ea.
	[in]	[in]	[in]	(tons)	[lbs]	
133103	3"	1/2	5/16	1/2	3/4	1
133104	4"	5/8	3/8	1	15/16	1.9
133105	5"	3/4	1/2	1-1/2	1-1/16	3.6
133106	6"	1-1/8	5/8	2	1-5/16	5.9
133108	8"	1-1/4	7/8	4	1-7/8	14.7

## Hand Line Utility Blocks

### Utility Blocks

Product details

### Application

- Model CHB300 / CHB303
- For Stringing Conductor Cable or Fiber Rope Applications
- Side Opening Block with Zinc Plated Swivel Hook with Safety Latch
- CHB300 features Ultra-lightweight Block and Sheave Molded From Rugged Reinforced Nylon Fiberglass High Di-Electric Material and 1,000 lb. Safe Working Load Limit
- CHB303 features Lightweight Aluminum Alloy Block and Sheave Construction with Permanently Lubricated Sheave and Safety-tethered Locking Pin and Strongest in Class 1,500 lb. Safe Working Load Limit
- 3" Sheaves - Blocks Can Accommodate Rope Through 5/8" Diameter
- Design Factor: 3 to 1

Item Code	Weight Each (lbs.)	Working Load Limit	Rope Size	Block Size	Fitting Type
CHB303	2.50 lb	1500 lb	5/8 in	3 in	Hook w/Latch
CHB300	1.90 lb	1000 lb	5/8 in	3 in	Hook w/Latch



CHB300

CHB303

**\*Special Order\***

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- Rigging Blocks**
- Lifting Devices
- Pipe & Hose Restraints
- Tie Down Assemblies
- Tie Down Accessories
- Towing & Recovery
- Rope & Carriage

# Angular Contact Bearing Swivels

## Swivels

Product details

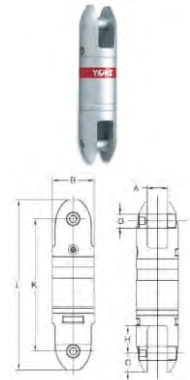
### Application

- YOKE Swivels are manufactured using the highest grade of material available.
  - YOKE Swivels are designed with a safety factor of 5:1.
  - YOKE Swivels are available in sizes from 3/4 tonnes to 35 tonnes.
  - YOKE Swivels are available for wire lines 1/4" to 1-1/2".
  - YOKE Swivels are zinc plated for corrosion resistance and longer life.
  - YOKE Swivels are manufactured with grease fittings for superior performance.
- YOKE Swivels are designed for low starting torque and high rotation speed.
  - All Swivels parts are 100% magnaflux crack detected.
  - 20,000 cycle fatigue rate to 1.5 times working load limit.
  - All parts with batch number for quality certified and traceability.
  - ★ Min Ultimate Load is 5 times the Working Load Limit.
  - ★ Max Proof Load is 2 times the Working Load Limit.



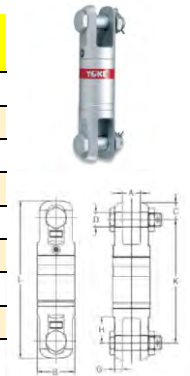
### 8-301 Bullet Style - Angular Contact Bearing Swivel

Item No.	Wire Line Size	WLL.	Dimensions (inch)							Net Weight
	inch		tons*	A	B	C	D	H	K	
8-301-0075	1/4	0.75	0.60	1.30	0.50	0.40	0.90	4.00	5.00	1.1
8-301-015	3/8	1.5	0.70	1.60	0.60	0.50	1.00	4.40	5.70	1.7
8-301-03	1/2	3	0.90	2.00	0.90	0.60	1.20	6.30	8.00	4.4
8-301-05	5/8	5	1.30	2.50	1.20	0.90	1.50	8.00	10.30	8.7
8-301-085	3/4	8.5	1.50	3.00	1.40	1.00	2.00	9.50	12.30	14.8
8-301-10	7/8	10	1.70	4.00	1.80	1.50	2.10	12.50	16.00	40.0
8-301-15	1	15	2.00	4.30	1.80	1.50	2.20	12.50	16.00	46.2
8-301-25	1 1/2	25	2.50	5.20	2.40	2.00	2.70	14.70	19.50	80.5



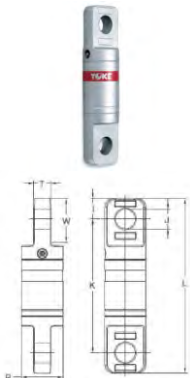
### 8-303 Jaw-Jaw Style - Angular Contact Bearing Swivel

Item No.	Wire Line Size	WLL.	Dimensions (inch)								Net Weight
	inch		tons*	A	B	C	D	G	H	K	
8-303-0075	1/4	0.75	0.60	1.30	0.50	0.40	0.20	0.90	4.10	5.00	1.1
8-303-015	3/8	1.5	0.70	1.60	0.80	0.50	0.30	1.00	4.40	6.00	2.0
8-303-03	1/2	3	0.90	2.00	1.00	0.80	0.40	1.30	6.20	8.20	5.1
8-303-05	5/8	5	1.30	2.50	1.20	0.90	0.60	0.50	8.00	10.30	9.7
8-303-085	3/4	8.5	1.60	3.00	1.30	1.20	0.60	2.10	10.00	12.60	16.8
8-303-10	7/8	10	1.70	4.00	1.90	1.50	1.00	2.10	12.40	16.20	43.0
8-303-15	1	15	1.90	4.30	2.00	1.50	1.00	2.20	12.40	16.50	47.8
8-303-25	1 1/4	25	2.40	5.20	2.60	2.00	1.20	2.80	14.70	20.00	87.0



### 8-306 Eye-Eye Style - Angular Contact Bearing Swivel

Item No.	Wire Line Size	WLL.	Dimensions (inch)							Net Weight
	inch		tons*	B	I	J	K	L	T	
8-306-0075	1/4	0.75	1.30	0.70	0.70	4.10	5.50	0.50	1.50	1.1
8-306-015	3/8	1.50	1.60	0.90	0.90	4.60	6.30	0.60	1.70	2.0
8-306-03	1/2	3	2.00	1.10	1.10	6.20	8.40	0.80	2.00	4.6
8-306-05	5/8	5	2.50	1.30	1.30	8.30	10.90	1.00	2.30	9.7
8-306-085	3/4	8.50	3.00	1.50	1.50	9.80	12.80	1.30	3.20	16.1
8-306-10	7/8	10	4.00	2.10	2.00	12.20	16.30	1.70	3.50	37.4
8-306-15	1	15	4.30	2.50	2.50	12.40	17.40	1.90	4.30	46.3
8-306-25	1 1/4	25	5.20	2.80	2.80	16.00	21.50	2.40	5.10	86.0



Sling Protection  
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Lifting Devices  
Pipe & Hose Restraints  
Tie Down Assemblies  
Tie Down Accessories  
Towing & Recovery  
Rope & Cordage

super  
20 YEARS of slings inc.  
Secure Solutions

LIFTING  
DEVICES



Sling Protection
Web Slings
Round Slings
Synthetic Chain Slings
Wire Rope Slings
Chain Slings
Shackles & Turnbuckles
Hooks & Links
Lifting Points
Hoists & Blocks
<b>Lifting Devices</b>
Pipe & Hose Restraints
Tie Down Assemblies
Tie Down Accessories
Towing & Recovery
Rope & Cordage



## LIFTING CLAMPS & EQUIPMENT

### Terrier Lifting Clamps and Equipment – Quality Clamps You Can Trust

For more than 30 years Terrier is a worldwide known brand which stands for high quality lifting solutions and service. Terrier Lifting Clamps BV has six main values we stand for:

**Absolute Safety:** Terrier Lifting Clamps BV believes absolute safety and safe lifting is our number one priority. All our lifting clamps are tested on up to 2 times the Working Load Limit (WLL). Terrier lifting clamps are designed on a break factor of even 5 times the WLL. Each clamp has red signal colouring on the lifting eye and locking lever for extra safety and is supplied with a test certificate. When using Terrier clamps please make sure to read our safety instructions in the “Safe Lifting” section on page 6 and 7 and the supplied user manual.

**Guaranteed Tough Quality Made in Holland:** Terrier tough quality lifting clamps guarantee a high performance and a long operational life. They are maintenance-friendly and have “heavy duty” welded shell bodies. The lightweight and streamlined design make them easier to handle. Terrier lifting clamps meet all standards and requirements like: European Norm NEN 13155, American Norm ASME B30.20-2010, Australian Norm 4991 and European Machine Directive 2006/42/EC.

**Fast and Flexible Delivery and Service:** Terrier Lifting Clamps BV guarantees fast and flexible delivery of standard and even special lifting products. Terrier Lifting Clamps BV offers rapid, skilled and professional sales service and after-sales spare parts service. Next to this Terrier Lifting Clamps BV offers specific technical, sales and or instruction training upon request and given where needed.

**Modern Production, Innovation and Technical Know-how:** Terrier lifting clamps has a strong focus on innovation. We can help you with almost every special made clamp or lifting product. The production facilities for the production of Terrier lifting clamps is equipped with very modern machineries for efficient production on a constant high quality level. Engineering and technical know-how is on the highest level according to the latest industry standards and demands.

**30 Years Worldwide Experience:** The Terrier Lifting Clamps BV team has more than 30 years of sales experience on a global level and has a highly experienced engineering and technical team. Terrier Lifting Clamps BV relies on and works with a strong and professional worldwide distributor network which ensures that the expected quality and service is guaranteed. Terrier Lifting Clamps BV is ISO 9001-2008 certified.

**Professional and Personal Contact:** Terrier Lifting Clamps BV is proud of her no-nonsense personal and professional contact and makes sure you will always get the highest service expected.

**Years Warranty - Tough Quality Guaranteed:** Terrier Lifting Clamps BV provides a 5 year extended warranty on its lifting clamps. The standard warranty is 1 year. This extended warranty is applicable to the original end user of the lifting clamps, only if the clamp has been inspected, checked and maintained by our instructions and by an official dealer. The extended warranty period of 5 years is valid from the date of purchase, and is liable to all conditions and terms stated in this document.



**Product Tracking:** Product model type, serial number, working load limit (WLL), jaw opening, CE mark and year of fabrication are permanently stamped on the body. Company name, logo and website address is communicated with a sticker. For the US a special ASME BTH-1 design category and service class sticker is added.

Model, serial and order number, working load limit (WLL), jaw opening and testing date are included on the test certificate. A product manual with inspection schedule is delivered with every product.

**Conditions:** This extended warranty covers failures in the lifting clamp which are the consequences of production errors which occur during normal use. The warranty does not cover wear to components such as pivots, cam assemblies, lock springs, etc. Should there be failure within this guarantee period, the lifting clamp will be replaced or repaired. Please check the product manual for extra warranty coverage info. The producer is not responsible for incidental damage or damage due to wrong use of the lifting clamp as well as from violation of the guarantee manual.

**Safety Inspection Procedure:** All inspections and repairs must be written down in the maintenance diagram/log. The clamp must be inspected prior to usage. When the clamp is returned for maintenance inspection you must always provide the maintenance diagram/log.

**Defective Lifting Clamps:**

When wear or damage is indicated, the following steps need to be taken immediately:

1. TAKE THE LIFTING CLAMP OUT OF USE
2. If failure is in question please note the date of failure of the lifting clamp. Try to recover the cause of the failure, for example, overload; wrong and/or carelessly use; not following procedures and measures; hoisting differing material other then indicated on clamp or stated in the user-manual; adapting and/or modifying of the Terrier clamp. These claims do not fall under the guarantee! To guarantee the safety of you and your colleagues, you are obligated to follow this procedure
3. Return your lifting clamp (with the maintenance history) to your authorised Terrier distributor.
4. If the lifting clamp has been revised / repaired by your distributor, you can safely use your clamp again. Please note this date in your maintenance chart (product manual).

**Absolute Safety:** Your safety and safe lifting is our number one priority. Make sure to read the below safe lifting instructions before using Terrier lifting clamps. Each product sheet gives extra information on safe lifting and specific application.



- Sling Protection
- Web Slings
- Round Slings
- Synthetic Chain Slings
- Wire Rope Slings
- Chain Slings
- Shackles & Turnbuckles
- Hooks & Links
- Lifting Points
- Hoists & Blocks
- Lifting Devices
- Pipe & Hose Restraints
- Tie Down Assemblies
- Tie Down Accessories
- Towing & Recovery
- Rope & Cordage



# Safe Vertical Lifting

Sling Protection

Web Slings

Round Slings

Synthetic Chain Slings

Wire Rope Slings

Chain Slings

Shackles & Turnbuckles

Hooks & Links

Lifting Points

Hoists & Blocks

Lifting Devices

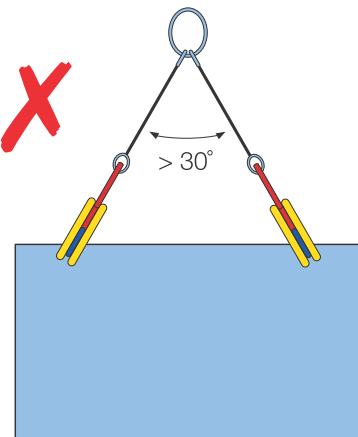
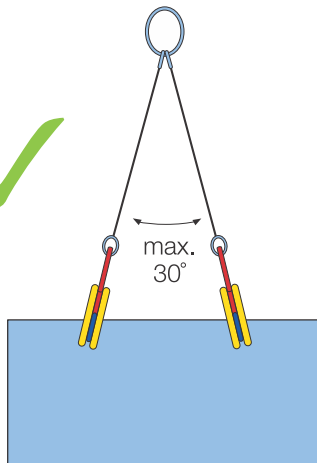
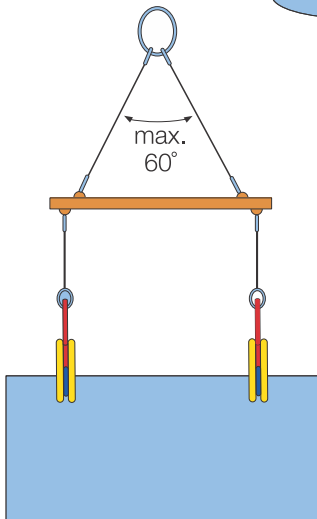
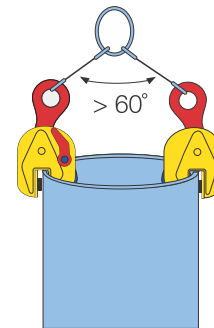
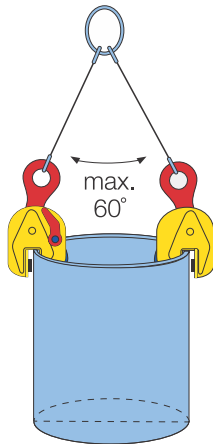
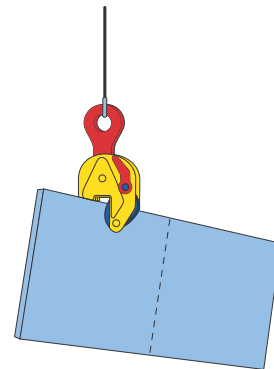
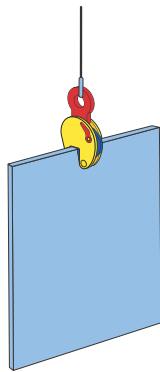
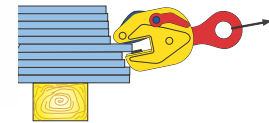
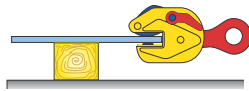
Pipe & Hose Restraints

The Down Assemblies

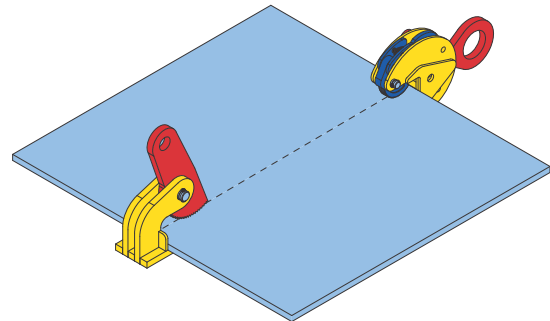
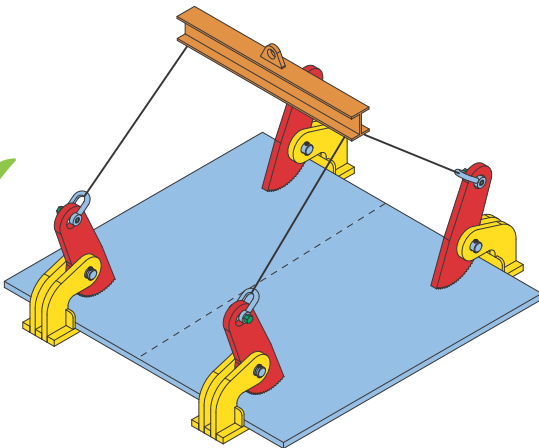
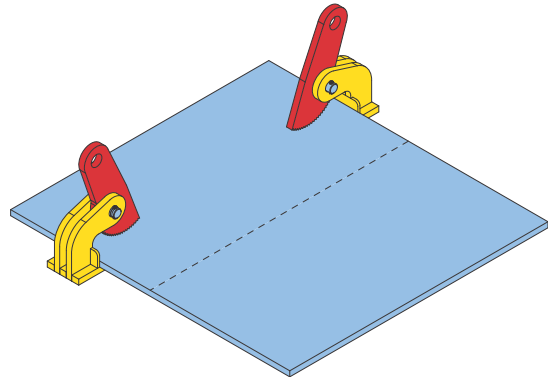
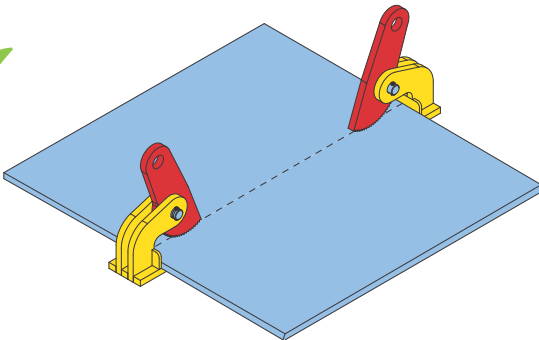
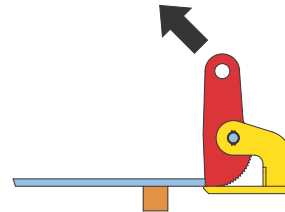
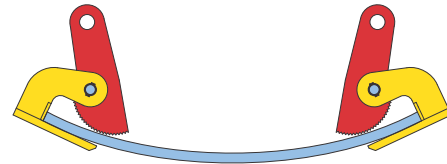
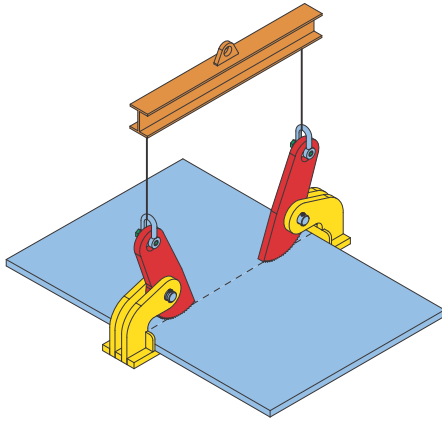
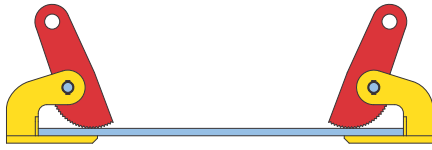
The Down Accessories

Towing & Recovery

Rope & Cordage



# Safe Horizontal Lifting



Lifting Devices	Web Slings	Sling Protection
Hoists & Blocks	Round Slings	
Lifting Points	Synthetic Chain Slings	
Shackles & Turnbuckles	Wire Rope Slings	
Hooks & Links	Chain Slings	
Pipe & Hose Restraints		
Tie Down Assemblies		
Tie Down Accessories		
Towing & Recovery		
Rope & Cordage		



# TS / TSE / STS Vertical Lifting Clamp

## Heavy duty vertical lifting clamp

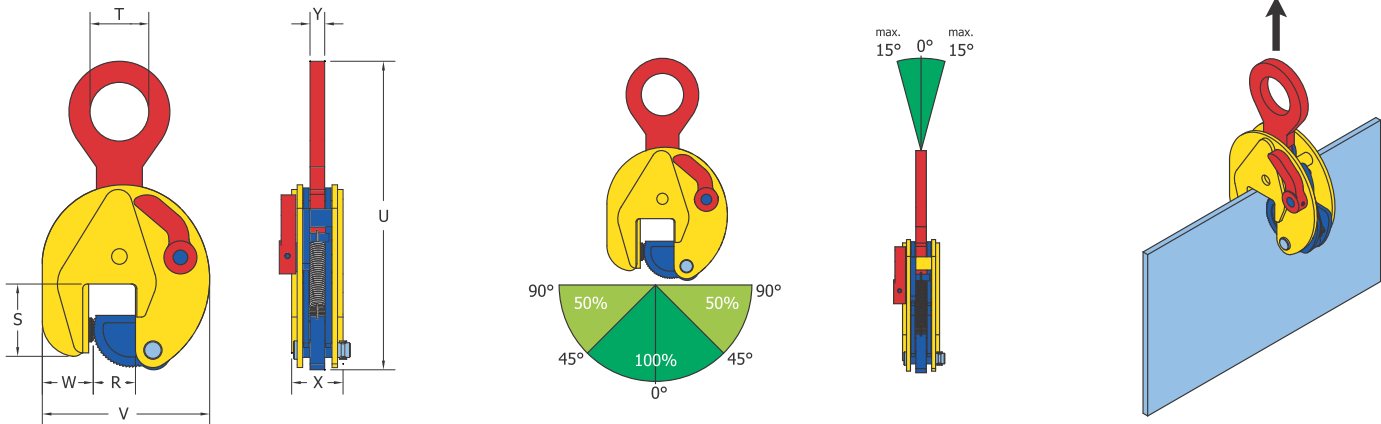
Product details

### Application

- For Vertical lifting, transporting and turning of all steel plates and structures.
- Jaw openings available from: 0 to 150 mm.
- TSE / STS types are supplied with enlarged jaw opening.
- Working load limit (WLL) 750 - 30000kg (Higher WLL available upon request).
- Min.WLL is 10% of max. WLL.

### Features and benefits

- Lightweight design for easy handling.
- Tough quality heavy duty welded shell body.
- Always equipped with a safety mechanism, ensuring the clamp does not slip when lifting force is applied and when load is being lowered.
- Clamp is locked in closed as well as open position.
- Maintenance-friendly, easy to exchange parts which are available upon request .
- Signal colouring on lifting eye and locking lever for extra safety.



Art. no	Model	Capacity (kg)	Jaw opening (mm)	Dimensions in mm							Weight (kg/pc)
				S	T	U	V	W	X	Y	
850000	0.75 TS	750	0 - 13	47	30	202	100	37	37	10	1.7
850880	1 TSE	1000	0 - 25	56	45	263	141	37	47	15	3.5
850901	2 TSE *	2000	0 - 35	78	64	336	183	56	56	16	7
850331	3 TSE *	3000	0 - 35	78	64	336	183	56	56	16	7
850441	4.5 TS	4500	0 - 25	85	70	423	203	60	77	20	15
850451	4.5 TSE	4500	0 - 45	85	70	425	228	60	78	20	16
850301	6 TS	6000	0 - 32	114	75	490	225	78	78	20	19
851411	6 TSE	6000	0 - 50	114	75	490	259	82	78	20	21
850401	7.5 TS	7500	0 - 40	111	75	530	246	76	82	20	24
851501	7.5 TSE	7500	0 - 55	111	75	522	267	70	86	20	26
851551	9 TS	9000	0 - 55	111	75	522	267	70	86	20	27
850501	12 TS	12000	0 - 52	148	85	617	295	100	94	44	37
915000	15 TS	15000	0 - 76	209	86	810	373	136	106	49	70
917000	17 TS	17000	0 - 76	209	86	810	373	136	106	49	71
920000	20 TS	20000	0 - 80	250	100	933	563	153	140	66	149
925000	25 TS	25000	5 - 85	250	100	925	563	148	140	66	149
930000	30 TS	30000	10 - 90	250	100	918	568	153	142	66	155.5
852200	6 STS	6000	40 - 90	114	75	486	275	70	78	20	21
854300	7.5 STS	7500	50-100	111	75	524	312	70	86	20	26.5
853305	9 STS	9000	50-100	111	75	522	312	70	86	20	27.5
852401	12 STS	12000	50-100	152	85	615	344	100	94	44	41
921500	15 STS	15000	80-150	224	86	800	450	136	106	49	76
922000	20 STS	20000	80-150	249	100	924	640	153	140	66	160
922500	25 STS	25000	80-150	249	100	924	640	153	140	66	160
923000	30 STS	30000	80-150	249	100	906	645	156	142	66	165.5

**WARNING: NEVER EXCEED WORKING LOAD LIMIT!**

Failure to follow instructions can result in serious property damage, injury or death!

For full user manual please visit [www.superslings.ca](http://www.superslings.ca)

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Synthetic Chain Slings  
Wire Rope Slings  
Chain Slings  
Shackles & Turnbuckles  
Hooks & Links  
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Hoists & Blocks  
Lifting Devices  
Pipe & Hose Restraints  
Tie Down Assemblies  
Tie Down Accessories  
Towing & Recovery  
Rope & Cords



## TSU / TSEU / STSU Vertical Lifting Clamp



### Heavy duty vertical universal lifting clamp

Product details

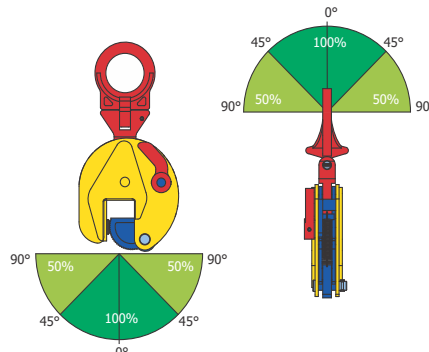
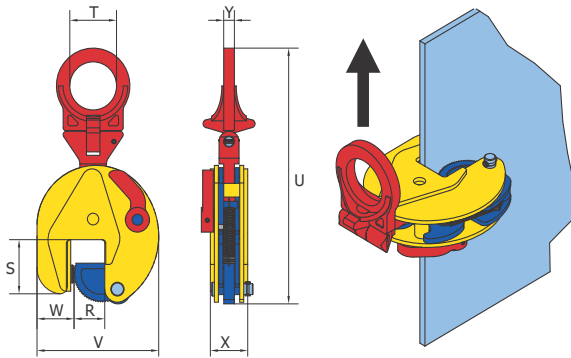
#### Application

- For vertical lifting, transporting and turning of all steel plates and structures from all positions
- Jaw openings available from: 0 to 150 mm
- TSEU / STSU types are supplied with enlarged jaw opening
- Working load limit (WLL) 750 - 30000kg (Higher WLL available upon request)
- Min . WLL is 10% of max . WLL
- note: the plate surface of the material must have a hardness level of max. Hrc 37/345 Hb

#### Features and benefits

- With articulated lifting shackle for universal lifting flexibility at various angles

- The articulated lifting shackle guarantees a pressure grip in every position, even when side loading up to 90 degrees . Note a lower load capacity when lifting in an angle higher than 45 degrees . Please check the WLL reduction below
- Longer plates can be lifted without the use of a spreader beam when using two clamps on a two legged chain sling
- Always equipped with a safety mechanism, ensuring the clamp does not slip when Vertical lifting force is applied and when load is being lowered
- Clamp is locked in closed as well as open position
- Lightweight, maintenance-friendly, heavy duty body



Art. no	Model	Capacity (kg)	Jaw opening (mm)	Dimensions in mm							Weight (kg/pc)
				S	T	U	V	W	X	Y	
855000	0.75 TSU	750	0 - 13	47	30	203	100	37	37	10	1.8
865800	1 TSEU	1000	0 - 25	56	50	292	141	37	47	15	3.8
855601	2 TSEU	2000	0 - 35	78	70	372	183	56	56	16	8
865331	3 TSEU	3000	0 - 35	78	70	372	183	56	56	16	8
865441	4.5 TSU	4500	0 - 25	85	70	429	203	60	77	20	16
865301	4.5 TSEU	4500	0 - 45	85	70	431	228	60	78	20	16.5
865401	6 TSU	6000	0 - 32	114	78	528	225	78	78	32	22
865411	6 TSEU	6000	0 - 50	114	78	527	259	82	78	32	24
865601	7.5 TSU	7500	0 - 40	111	78	567	246	76	82	32	27
855400	7.5 TSEU	7500	0 - 55	111	78	560	267	70	86	32	28
855405	9 TSU	9000	0 - 55	111	78	560	267	70	86	32	29
865901	12 TSU	12000	0 - 52	148	85	648	295	100	94	48	41
955150	15 TSU	15000	0 - 76	209	85	816	373	136	106	48	73
955170	17 TSU	17000	0 - 76	209	85	816	373	136	106	48	74
955200	20 TSU	20000	0 - 80	250	100	948	563	153	140	71	160
955250	25 TSU	25000	5 - 85	250	100	948	563	148	140	71	160
955300	30 TSU	30000	10-90	250	100	944	568	153	142	71	167
856200	6 STSU	6000	40 - 90	114	78	523	275	70	78	32	24
856300	7.5 STSU	7500	50-100	111	78	560	312	70	86	32	30
855305	9 STSU	9000	50-100	111	78	560	312	70	86	32	31
856401	12 STSU	12000	50-100	152	85	644	344	100	94	48	45
966150	15 STSU	15000	80-150	224	85	808	450	136	106	48	78
966200	20 STSU	20000	80-150	249	100	940	640	153	140	71	171
966250	25 STSU	25000	80-150	249	100	940	640	153	140	71	171
966300	30 STSU	30000	80-150	249	100	946	645	156	142	71	176.5

**WARNING: NEVER EXCEED WORKING LOAD LIMIT!**

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- Pipe & Hose Restraints
- Tie Down Assemblies
- Tie Down Accessories
- Towing & Recovery
- Rope & Cordage



# HARDOX Vertical Lifting Clamp

## Hard Steel vertical lifting clamp

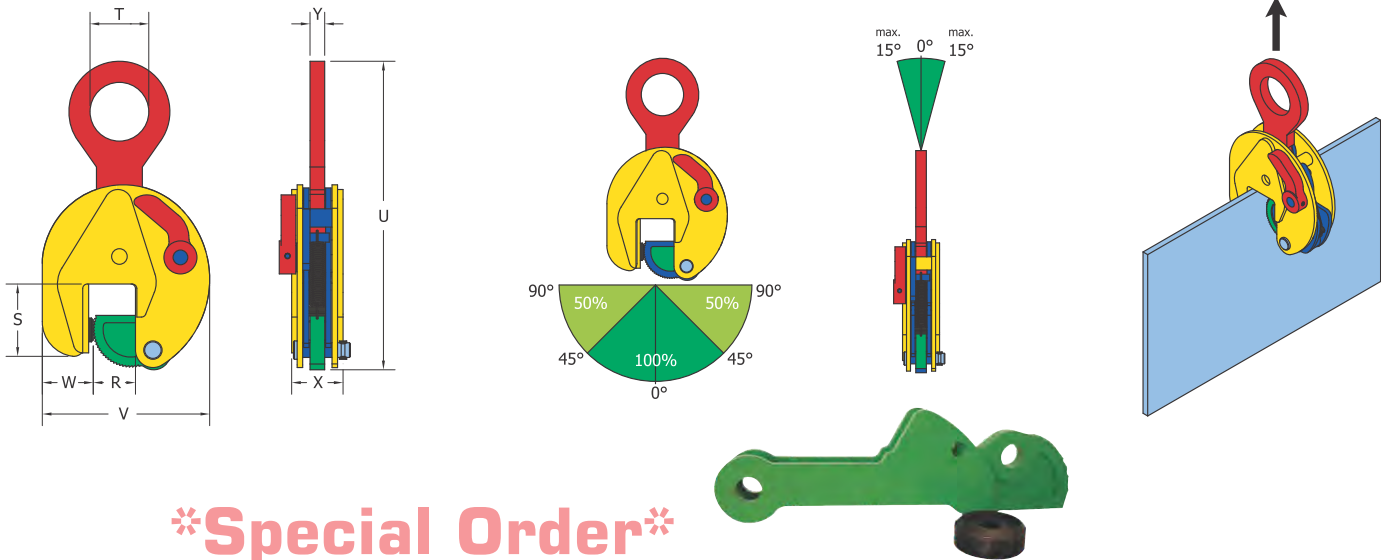
Product details

### Application

- For vertical lifting, transporting and turning of all steel plates with a hardness of max . 50 HRC (for example Hardox 400 and 500). Please ask for special specifications
- Jaw openings available from: 0 to 55 mm . Working load limit (WLL) 750 - 7500kg
- Min . WLL is 10% of max . WLL .
- note: the plate surface of the material must have a hardness level of max. HrC 50/485 Hb

### Features and benefits

- Cam is coloured green for easy identification
- Always equipped with a safety mechanism, ensuring the clamp does not slip when lifting force is applied and when load is being lowered
- Clamp is locked in closed as well as open position
- Lightweight design for easy handling
- Tough quality heavy duty welded shell body
- Maintenance-friendly, easy to exchange parts which are available upon request
- Equipped with an extra hardened pivot and cam



**\*Special Order\***

Artikel No.	Model	Capacity (kg)	Jaw-opening (mm)	Dimensions in mm							Weight (kg)
				S	T	U	V	W	X	Y	
850000.5	0.75 TS-H	750	0 - 13	47	30	202	100	37	37	10	1.7
850880.5	1 TSE-H	1000	0 - 25	56	45	263	141	37	47	15	3.5
850901.5	2 TSE-H	2000	0 - 35	78	64	336	183	56	56	16	7
850331.5	3 TSE-H	3000	0 - 35	78	64	336	183	56	56	16	7
850451.5	4.5 TSE-H	4500	0 - 45	85	70	425	228	60	78	20	16
851411.5	6 TSE-H	6000	0 - 50	114	75	490	259	82	78	20	21
851501.5	7.5 TSE-H	7500	0 - 55	111	75	522	267	70	86	20	26
850010.5	0.75 TSMP-H	750	0 - 13	47	30	307	100	37	37	10	2
850818.5	1 TSEMP-H	1000	0 - 25	56	45	403	141	37	47	15	4.5
850911.5	2 TSEMP-H	2000	0 - 35	78	64	516	183	56	56	16	8
850221.5	3 TSEMP-H	3000	0 - 35	78	64	516	183	56	56	16	8
851401.5	4.5 TSEMP-H	4500	0 - 45	85	70	650	228	60	78	20	19
850311.5	6 TSMP-H	6000	0 - 32	114	75	760	225	78	78	20	24
851510.5	7.5 TSEMP-H	7500	0 - 55	111	75	792	267	70	86	20	30.5
855000.5	0.75 TSU-H	750	0 - 13	47	30	203	100	37	37	10	1.8
865800.5	1 TSEU-H	1000	0 - 25	56	50	292	141	37	47	15	3.8
855601.5	2 TSEU-H	2000	0 - 35	78	70	372	183	56	56	16	8
865331.5	3 TSEU-H	3000	0 - 35	78	70	372	183	56	56	16	8
865301.5	4.5 TSEU-H	4500	0 - 45	85	70	431	228	60	78	20	16.5
865411.5	6 TSEU-H	6000	0 - 50	114	78	527	259	82	78	32	24
855400.5	7.5 TSEU-H	7500	0 - 55	111	78	560	267	70	86	32	28

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Pipe & Hose Restraints  
The Down Assemblies  
The Down Accessories  
Towing & Recovery  
Rope & Corgage

## FHX / FHSX Horizontal lifting



### Lightweight heavy duty clamp for horizontal lifting

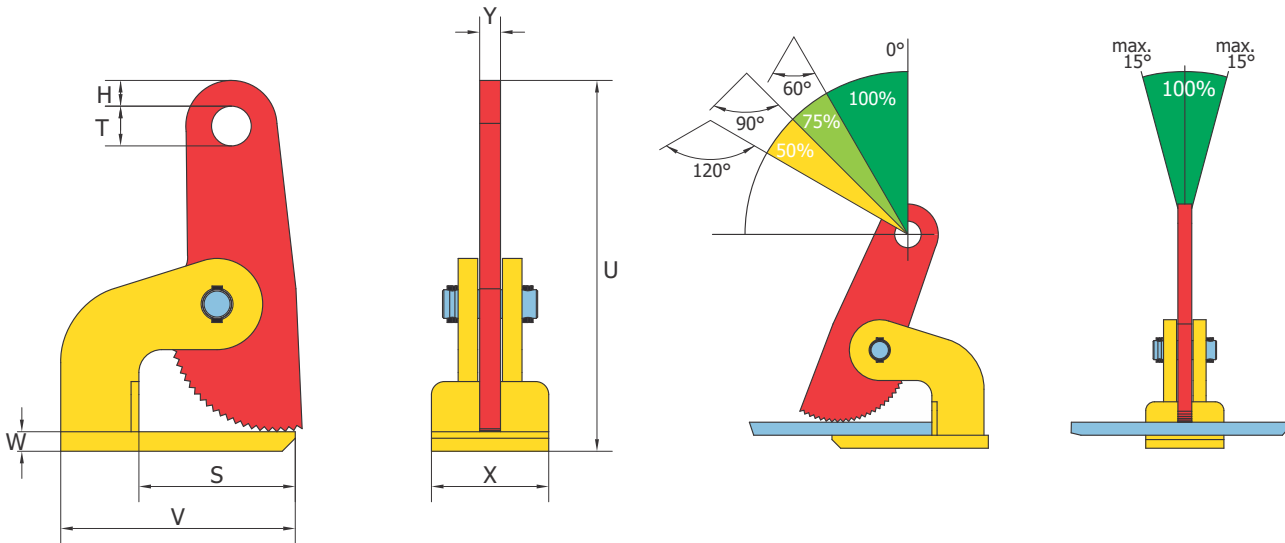
Product details

#### Application

- For horizontal lifting and transporting of steel plates and other non-deflecting materials
- Terrier FHX / FHSX lifting clamps must always be used in pairs (or multiple pairs)
- Jaw openings available from: 0 to 150 mm
- FHSX types are supplied with enlarged jaw opening
- Working load limit (WLL) 1000 - 25000kg per pair (Higher WLL available upon request)

#### Features and benefits

- Compact design and high lifting capacity
- Lightweight design for easy handling
- Tough quality heavy duty welded body



Art no.	Type	Capacity (kg/pair)	Jaw opening (mm)	Dimensions in mm								Weight (kg/pc)
				V	S	W	T	H	X	U	Y	
953100	1 FHX	1000	0 - 35	140	99	10	25	11.5	65	188	15	2.6
953200	2 FHX	2000	0 - 60	180	118	15	30.5	19.5	90	287	16	7
953300	3 FHX	3000	0 - 60	180	118	20	30.5	19.5	90	291	16	8
953400	4 FHX	4000	0 - 60	220	145	25	30.5	19.5	105	304	20	13
953600	6 FHX	6000	0 - 60	220	145	25	30.5	19.5	110	307	20	14
953800	8 FHX	8000	0 - 60	225	135	35	30.5	19.5	120	336	30	19
953010	10 FHX	10000	0 - 60	225	135	35	30.5	19.5	120	336	30	19
953012	12 FHX	12000	0 - 60	225	135	35	30.5	19.5	120	336	30	19
953015	15 FHX	15000	0 - 60	262	147	35	43	21.5	160	344	35	30
953025	25 FHX	25000	0 - 60	262	147	40	43	21.5	175	349	35	33
954200	2 FHSX	2000	0 - 100	180	120	15	30.5	19.5	90	383	15	9.2
954300	3 FHSX	3000	0 - 100	180	120	20	30.5	19.5	90	387	15	10
954400	4 FHSX	4000	0 - 100	220	145	25	30.5	19.5	105	414	20	15
954600	6 FHSX	6000	0 - 100	220	145	25	30.5	19.5	120	414	20	16.5
954800	8 FHSX	8000	0 - 100	225	135	35	30.5	19.5	120	428	30	21
954010	10 FHSX	10000	0 - 100	225	135	35	30.5	19.5	120	428	30	22
954012	12 FHSX	12000	0 - 100	225	135	35	30.5	19.5	120	428	30	22
853820	15 FHSX	15000	0 - 150	350	240	35	45	27.5	140	665	35	53

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# TPH / TPH-HD Pipe lifting

## Heavy duty clamp for horizontal pipe lifting

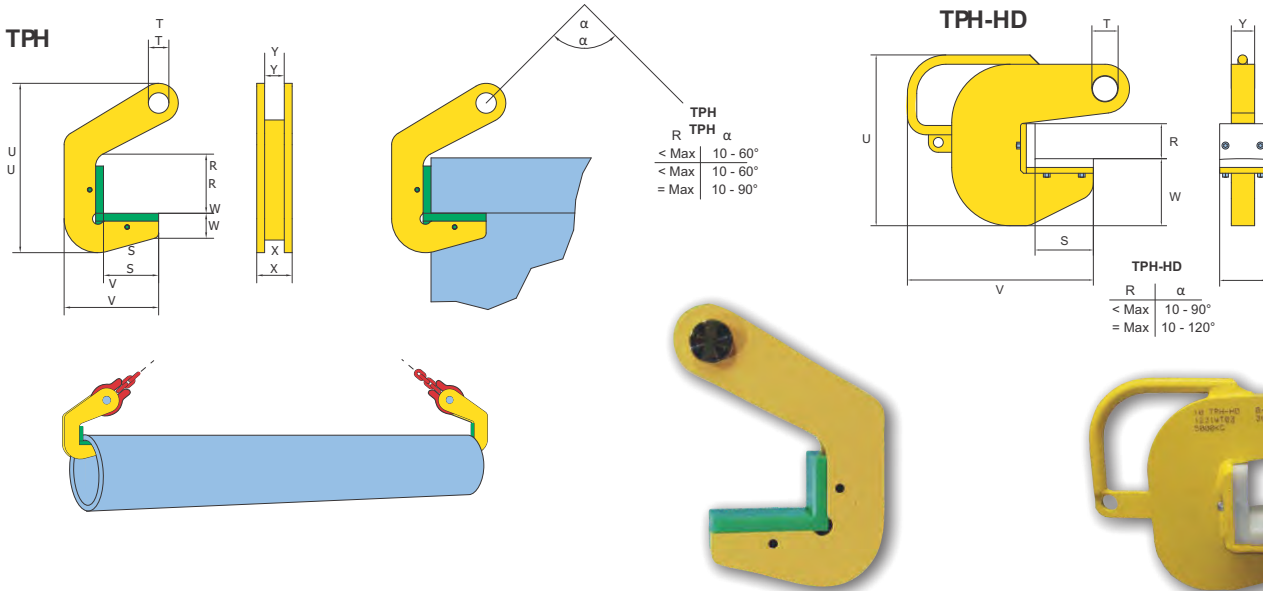
Product details

### Application

- For horizontal lifting and transporting of steel and concrete pipes without damaging the product
- TPH-HD version is specially designed for extreme heavy duty lifting situations (eg . loading and unloading ships)
- Terrier TPH lifting clamps must always be used in pairs
- Jaw openings available up to 70 mm
- Working load limit (WLL) 1500 - 60000kg per pair (Higher WLL available upon request)

### Features and benefits

- TPH Jaw is covered with a special high quality pressure resistant plastic
- TPH-HD Jaw is covered with special high quality extreme high pressure resistant plastic
- Maintenance-friendly clamps, plastic pressure resistant cover is pipe lifting easy to change
- TPH-HD has special handle for easy handling
- Compact design and high lifting capacity
- Lightweight design for easy handling
- Tough quality heavy duty body



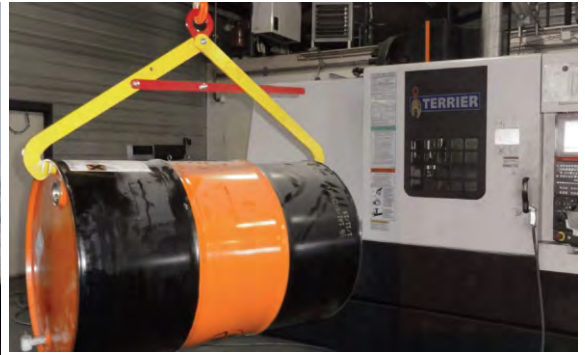
Artikel No.	Model	Capacity (kg)	Jaw-opening (mm)	Dimensions in mm							Weight (kg)
				S	T	U	V	W	X	Y	
850000.5	0.75 TS-H	750	0 - 13	47	30	202	100	37	37	10	1.7
850880.5	1 TSE-H	1000	0 - 25	56	45	263	141	37	47	15	3.5
850901.5	2 TSE-H	2000	0 - 35	78	64	336	183	56	56	16	7
850331.5	3 TSE-H	3000	0 - 35	78	64	336	183	56	56	16	7
850451.5	4.5 TSE-H	4500	0 - 45	85	70	425	228	60	78	20	16
851411.5	6 TSE-H	6000	0 - 50	114	75	490	259	82	78	20	21
851501.5	7.5 TSE-H	7500	0 - 55	111	75	522	267	70	86	20	26
850010.5	0.75 TSMP-H	750	0 - 13	47	30	307	100	37	37	10	2
850818.5	1 TSEMP-H	1000	0 - 25	56	45	403	141	37	47	15	4.5
850911.5	2 TSEMP-H	2000	0 - 35	78	64	516	183	56	56	16	8
850221.5	3 TSEMP-H	3000	0 - 35	78	64	516	183	56	56	16	8
851401.5	4.5 TSEMP-H	4500	0 - 45	85	70	650	228	60	78	20	19
850311.5	6 TSMP-H	6000	0 - 32	114	75	760	225	78	78	20	24
851510.5	7.5 TSEMP-H	7500	0 - 55	111	75	792	267	70	86	20	30.5
855000.5	0.75 TSU-H	750	0 - 13	47	30	203	100	37	37	10	1.8
865800.5	1 TSEU-H	1000	0 - 25	56	50	292	141	37	47	15	3.8
855601.5	2 TSEU-H	2000	0 - 35	78	70	372	183	56	56	16	8
865331.5	3 TSEU-H	3000	0 - 35	78	70	372	183	56	56	16	8
865301.5	4.5 TSEU-H	4500	0 - 45	85	70	431	228	60	78	20	16.5
865411.5	6 TSEU-H	6000	0 - 50	114	78	527	259	82	78	32	24
855400.5	7.5 TSEU-H	7500	0 - 55	111	78	560	267	70	86	32	28

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Hoists & Blocks  
Lifting Devices  
Pipe & Hose Restraints  
The Down Assemblies  
The Down Accessories  
Towing & Recovery  
Rope & Cords

# Lift it up, Tie it down, Pull it around



For more available models visit [www.superslings.ca](http://www.superslings.ca)

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- Tie Down Accessories
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- Rope & Cordage



# Crosby IP<sup>®</sup>

## LIFTING CLAMPS

### Crosby Develops Practical Solutions For Specific Lifting Problems

Our mission is to be the innovative and quality leader in the field of lifting clamps by manufacturing products of uncompromising quality and providing solutions for specific hoisting situations.

With the help of enthusiastic and professional staff, distributors and suppliers we focus entirely on quality brand products, service and support. Our main objective is to guarantee satisfied end-users. Crosby's Inter Product facility is an ISO-9001 – ANAB accredited company, which ensures compliance with certain well-defined standards and procedures. CrosbyIP Lifting Clamps is, like all other Crosby facilities, certified through DNV.

### Users Of Lifting Clamps Can Be Found In A Variety Of Industries:

- Machine construction in a variety of industries
- Automotive industry
- Chemical industry
- Tank and vessel construction
- Aircraft industry
- Windpower energy
- Ship and yacht construction
- Offshore
- Land based industries
- Production and/or assembly of composite parts
- Production of steel constructions for buildings, bridges, etc.
- Pipe laying
- Road construction



### Maximum Reliability

For more than 40 years CrosbyIP lifting clamps have been proving throughout the world their reliability in markets around the world.

Our R&D department is responsible for a complete product line that can be counted on to provide the strength you need. A CrosbyIP clamp distinguishes itself from competition on different areas. The welded alloy steel body is designed for strength, and results in a clamp that is lighter and more compact, and where needed the clamp is equipped with forged alloy components.

The clamps are user friendly and contain many small attributes that enable them to withstand the often heavy work conditions to which they are exposed.

### High Quality Production Methods

The production of CrosbyIP lifting clamps utilizes high tech manufacturing techniques. Our welding robots, plasma cutting machine, CNC milling machines and modern assembly line is fully designed to deliver a consistent high quality.

### Points Of Recognition

Always use the right clamp for the right application. The company name (CrosbyIP), logo, WLL, jaw opening and Proof Load test date are permanently stamped on the body. Each product is provided with a unique serial number that is stamped on the body and included on the test certificate with maintenance and warranty logbook.

CrosbyIP clamps are individually proof tested to 2 times the Working Load Limit. In addition, each clamp is RFID equipped, allowing for ease of inspection.

- HRC < 37 IP(U)10
- HRC > 27 < 37 IP(U)10S (Stainless steel)
- HRC > 37 < 47 IP(U)10H (Hard)
- IPNM10 (Non Marring)



### Innovative

Our innovations provide you effective solutions for your material handling applications. A way to save you time and money. As our standard product range may not meet the client's specific needs, CrosbyIP can offer an extensive range of specials. See page 30 for some examples of products that provide a suitable solution.

### 10 Years Guarantee

Maximum reliability. This is also visible in the 10 year guarantee available on all standard CrosbyIP clamp styles. CrosbyIP is the only producer in the world who offers a 10 year guarantee. This guarantee is linked to regular maintenance and the use of original parts. Periodic inspections, preventive maintenance service and one or, when necessary, two overhaul services are the only conditions to preserve the 10 years guarantee. The inspections will be carried out by a qualified officer authorized by the company. The maintenance- and overhaul services should be carried out by a CrosbyIP accredited dealer.

# Crosby IP Vertical Plate Clamps

## Heavy duty vertical lifting clamp

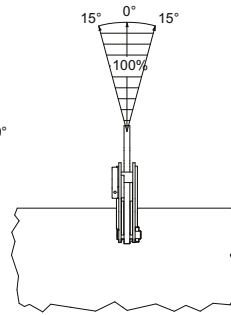
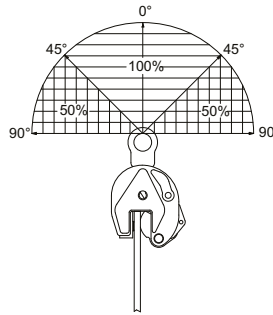
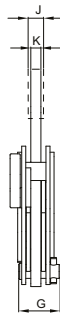
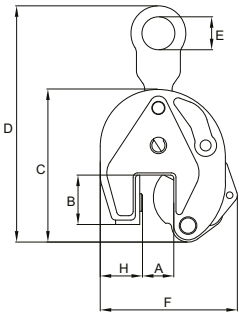
### Product details

- The IP10 vertical lifting clamp is used for the lifting, turning, moving or vertical transfer of sheet, plates, or fabrications from horizontal to vertical and down to horizontal (180°) as needed. Usually used as a single point pick or when used with a sp
- Available in capacities of 5 thru 30 metric tons (Higher Working Load Limits are available upon request)
- Wide variety of jaw openings available: 0" to 6.10"
- Welded alloy steel body for strength and smaller size. Forged alloy components, where required
- Individually Proof Tested to 2 times the Working Load Limit with certification
- Company name (), logo, Working Load Limit and jaw opening permanently stamped on body
- Each product is individually serialized, with the serial number and Proof Load test date stamped on body. Serial number is included on the test certificate with maintenance and warranty log book



### Available in a variety of styles:

- IP10 - Standard clamp for materials with a surface hardness to 37Rc (345 HB)
  - IP10J - Larger jaw opening
  - IP10S - For use with Stainless Steel material
  - IP10H - For use with materials with a surface hardness to 47Rc (450 HB)
- Full 180° turning range for material transfer, turning or moving
- Lock open, lock closed ability with latch for pretension on material and then release of material
- Optional IP-5000 Stinger assembly available Allows for easy connection between the clamp and hoist hook
- Minimum WLL of 10% of Maximum WLL
- Maintenance replacement kits are available
- Manufactured by a ISO 9001 facility
- All sizes are RFID EQUIPPED



IP 10 Vertical Plate Clamp

Model	Item No.	WLL	Net Weight	Dimensions (mm)									
				Jaw A	B	C	D	E	F	G	H	J	K
		kgs	kgs										
0.5 IP10	2701674	500	1.8	0-16	44	128	207	40	115	41	28	-	10
1 IP10	2701662	1,000	2.2	0-20	45	139	215	40	126	41	38	-	10
2 IP10	2701676	2,000	7.6	0-35	78	201	336	70	190	61	55	-	16
3 IP10	2701664	3,000	13.8	0-40	100	253	436	75	225	78	60	-	20
4.5 IP10	2701666	4,500	15.0	0-40	100	253	436	75	232	82	65	-	20
6 IP10	2701668	6,000	23.5	0-50	126	302	515	80	292	84	95	40	20
6 IP10J	2701705	6,000	28.5	50-100	126	302	515	80	342	84	95	40	20
9 IP10	2701670	9,000	27.5	0-50	126	325	550	80	310	92	105	44	25
9 IP10J	2701672	9,000	28.5	50-100	126	325	555	80	360	92	105	44	25
12 IP10	2701678	12,000	49.0	0-54	160	391	580	80	331	117	137	41	25
12 IP10J	2701680	12,000	58.0	54-108	178	439	630	80	415	117	137	41	25
16 IP10	2701682	16,000	68.0	5-64	178	465	690	88	397	119	153	49	25
16 IP10J	2701684	16,000	90.0	64-128	208	521	746	88	472	119	161	49	25
22.5 IP10	2701686	22,500	108	5-80	222	554	800	110	470	136	186	49	25
22.5 IP10J	2701688	22,500	110	80-155	253	628	880	110	575	136	196	49	25
30 IP10	2701690	30,000	148	5-80	222	545	800	110	470	152	186	54	30
30 IP10J	2701692	30,000	152	80-155	250	620	880	110	565	152	196	54	30

- Sling Protection
- Web Slings
- Round Slings
- Synthetic Chain Slings
- Wire Rope Slings
- Chain Slings
- Shackles & Turnbuckles
- Hooks & Links
- Lifting Points
- Hoists & Blocks
- Lifting Devices
- Pipe & Hose Restraints
- Tie Down Assemblies
- Tie Down Accessories
- Towing & Recovery
- Rope & Cordage

# Crosby IPU Universal Vertical Plate Clamps



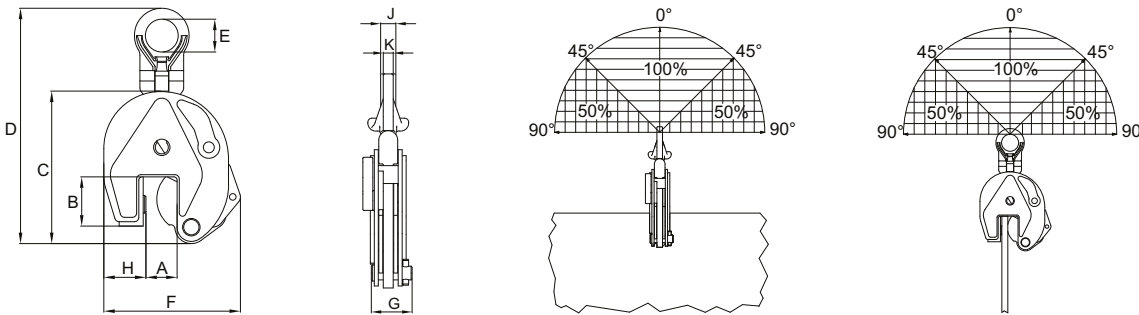
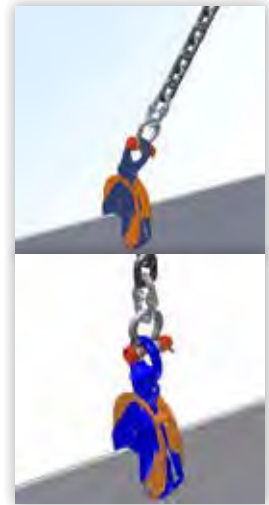
**Universal - For Lifting in any Direction Universal Eye**

Product details

- The IPU10 vertical lifting clamp is used for the lifting, turning, moving or vertical transfer of sheet, plates, or fabrications from horizontal to vertical and down to horizontal (180°) as needed. The hinged hoisting eye allows for the clamp to place an
- Available in capacities of 5 thru 30 metric tons (Higher Working Load Limits are available upon request)
- Wide variety of jaw openings available: 0" to 6.13"
- Welded alloy steel body for strength and smaller-size. Forged alloy components, where required
- Individually Proof Tested to 2 times the Working Load Limit with certification
- Company name (Crosby IP), logo, Working Load Limit and jaw opening permanently stamped on body
- Each product is individually serialized, with the serial number and Proof Load test date stamped on body. Serial number is included on the test certificate with maintenance and warranty log book

**Available in a variety of styles:**

- IPU10 - Standard clamp for materials with a surface hardness to 37Rc (345HB)
- IPU10J - Larger jaw opening
- IPU10S - For use with Stainless Steel material
- IPU10H - For use with materials with a surface hardness to 47Rc (450HB)
- Full 180° turning range for material transfer, turning or moving
- Lock open, lock closed ability with latch for pretension on material and then release of material
- Optional IP-5000 Stinger assembly available. Allows for easy connection between the clamp and hoist hook
- Minimum WLL of 10% of Maximum WLL
- Maintenance replacement kits are available
- Manufactured by a ISO 9001 facility
- All sizes are RFID EQUIPPED



IPU 10 Vertical Universal Plate Clamp

Model	Item No.	WLL	Net Weight	Dimensions (mm)									
				Jaw A	B	C	D	E	F	G	H	J	K
		kgs	kgs										
0,5 IPU10	2701675	500	1,9	0-16	44	128	228	40	115	41	28	-	11
1 IPU10	2701663	1,000	2,4	0-20	45	139	222	40	126	41	38	-	11
2 IPU10	2701677	2,000	8,5	0-35	78	201	372	70	190	61	55	-	16
3 IPU10	2701665	3,000	14,8	0-40	100	253	445	75	225	78	60	-	20
4,5 IPU10	2701667	4,500	16,0	0-40	100	253	445	75	232	82	65	-	20
6 IPU10	2701669	6,000	24,0	0-50	126	302	525	80	292	84	95	44	20
6 IPU10J	2702469	6,000	30,5	50-100	126	302	525	80	342	84	95	44	20
9 IPU10	2701671	9,000	29,5	0-50	126	325	557	80	310	92	105	44	20
9 IPU10J	2701673	9,000	30,5	50-100	126	325	562	80	360	92	105	44	20
12 IPU10	2701679	12,000	57,0	0-54	160	391	623	80	331	117	137	41	25
12 IPU10J	2701681	12,000	59,0	54-108	178	439	673	80	415	117	137	41	25
16 IPU10	2701683	16,000	72,0	5-64	178	465	734	88	397	119	153	45	25
16 IPU10J	2701685	16,000	85,0	64-128	208	521	790	88	472	119	161	45	25
22,5 IPU10	2701687	22,500	127	5-80	222	554	855	110	470	136	186	49	25
22,5 IPU10J	2701689	22,500	130	80-155	253	628	930	110	575	136	196	49	25
30 IPU10	2701691	30,000	153	5-80	222	545	860	110	470	152	186	54	30
30 IPU10J	2701693	30,000	165	80-155	250	620	935	110	565	152	196	54	30

Sling Protection  
 Web Slings  
 Round Slings  
 Synthetic Chain Slings  
 Wire Rope Slings  
 Chain Slings  
 Shackles & Turnbuckles  
 Hooks & Links  
 Lifting Points  
 Hoists & Blocks  
 Lifting Devices  
 Pipe & Hose Restraints  
 Tie Down Assemblies  
 Tie Down Accessories  
 Towing & Recovery  
 Rope & Cordage



# Crosby IPH10 Horizontal Plate Clamp

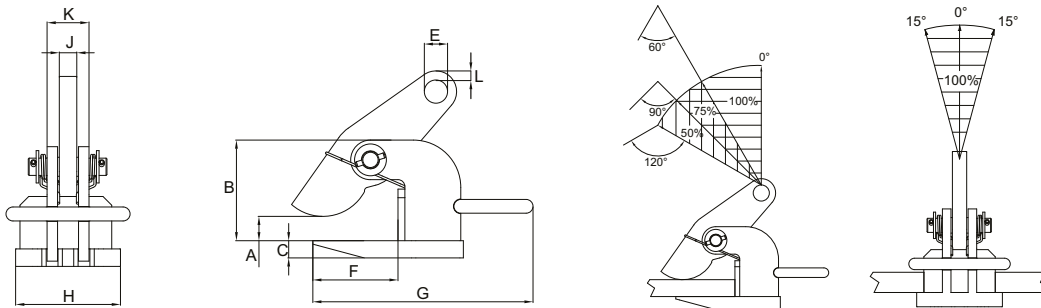


## Horizontal Plate Clamp

Product details

The IPH10 horizontal lifting clamps with spring loaded tension have a pretension feature that allows the user to attach the clamps to the material for horizontal lifting and transfer of non-sagging material. These clamps must be used in pairs or more.

- Available in capacities of .5 thru 12 metric tons.
- Jaw openings available: 0" to 4.75".
- Welded alloy steel body for strength and smaller size. Forged alloy components, where required.
- Individually proof Tested to 2 times the working Load Limit with certification.
- Company name (CrosbyIP), logo, Working Load Limit and jaw opening permanently stamped on body.
- Each product is individually serialized, with the serial number and Proof
- Load test date stamped on body. User manual with test certificate is
- included with each clamp.
- Maintenance replacement parts are available.
- Manufactured by a ISO 9 001 facility.
- All sizes are RFID EQUIPPED.



## IPH 10 Horizontal Plate Clamp

Model	Item No.	WLL	Net Weight	Dimensions (mm)									
				Jaw A	B	C	E	F	G	H	J	K	L
†0.5 IPH10	2703297	500	3.6	0-20	86	12	16	103	150	60	12	27	4
†1 IPH10	2703298	1,000	5.0	0-35	100	16	16	103	150	60	12	31	7
2 IPH10	2703522	2,000	11.0	0-60	117	16	22	109	256	110	20	40	9
3 IPH10	2703523	3,000	15.0	0-60	117	20	26	109	266	120	20	48	11
4.5 IPH10	2703524	4,500	21.0	0-60	132	25	30	104	280	130	20	48	12
6 IPH10	2703525	6,000	26.0	0-60	143	25	36	123	320	130	20	48	14
9 IPH10	2703526	9,000	37.0	0-60	157	30	43	133	330	140	25	62	16
12 IPH10	2703527	12,000	43.0	0-60	172	30	47	141	353	150	25	62	17
3 IPH10J	2703533	3,000	18.0	60-120	177	20	26	109	266	120	20	48	9
4.5 IPH10J	2703534	4,500	24.0	60-120	192	25	30	104	280	130	20	48	11
6 IPH10J	2703535	6,000	30.0	60-120	203	25	36	123	320	130	20	48	12
9 IPH10J	2703536	9,000	41.0	60-120	217	30	43	133	330	140	25	62	14
12 IPH10J	2703537	12,000	48.0	60-120	232	30	47	141	353	150	25	62	16

† No magnets and handle

- Sling Protection
- Web Slings
- Round Slings
- Synthetic Chain Slings
- Wire Rope Slings
- Chain Slings
- Shackles & Turnbuckles
- Hooks & Links
- Lifting Points
- Hoists & Blocks
- Lifting Devices
- Pipe & Hose Restraints
- Tie Down Assemblies
- Tie Down Accessories
- Towing & Recovery
- Rope & Carriage

Specialty Clamps

IP10R  
Remote controlled by means  
of wire



**Crosby** *ip*  
LIFTING CLAMPS



IPU10J2  
Bevelled plates

IPBVNZ  
Transfer and stacking  
of steel beams



IPSL  
Heat-resistant slab clamp (up to 1320 °C)

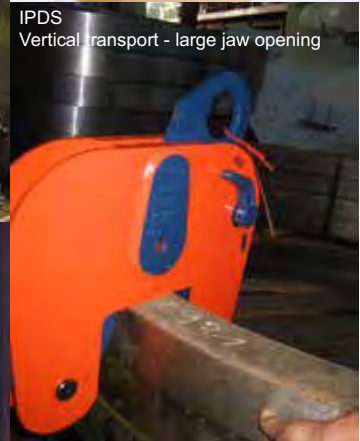


IPX18Z  
Lathe clamp

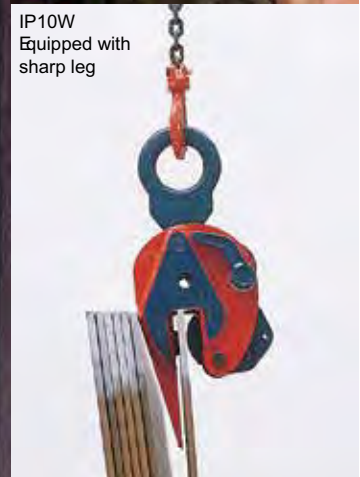
IPX  
Wood and  
sandwich panels



IPDS  
Vertical transport - large jaw opening



IP10W  
Equipped with  
sharp leg



IPSE  
Heavy ship sections



IPSNX  
Billet clamp



IPGNS  
Minimal Marring



IPRLN Rail clamp

- Sling Protection
- Web Slings
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- Chain Slings
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- Hooks & Links
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- Hoists & Blocks
- Lifting Devices
- Pipe & Hose Restraints
- The Down Assemblies
- The Down Accessories
- Towing & Recovery
- Rope & Cordage

## LIFTING MAGNETS

Industrial Magnetics, Inc. is an industry leader in providing both permanent magnets and electromagnets for work holding, lifting, fixturing, conveying and magnetic separation. At IMI, our specialty is custom fabricating! We design, engineer and manufacture magnetic assemblies and magnetic separation devices for our customers' specific requirements, and take pride in the quality and performance of our products. With worldwide distribution through a combination of a direct sales force and manufacturers representatives, we strive to provide personalized service and innovative solutions to meet the exact needs of your application.

### THREE PRODUCT GROUPS, ONE GOAL...

the right product for the application at the right time for our customer

IMI is proud to be a United States - based manufacturer of magnetic assemblies and our USA M.A.D.E™ logo is how we like to show it. You will find our USA M.A.D.E™ logo on any of our products that are Manufactured , Assembled. Designed & Engineered here, in the USA, at our facilities.



### Magnet Materials:

Rare Earth Neodymium-Iron-Boron (NdFeB) magnets are made in sintered as well as bonded forms. Commonly referred to as Neo, this magnet material provides the highest magnetic strength of any magnet material, very high resistance to demagnetization and is ideal for applications requiring maximum strength in a limited area. Neo is usually coated or plated to prevent oxidization due to its high iron content and therefore grinding of Neo material must be avoided. Temperature range -302°F (-150°C) to 180°F (82°C). Rare Earth Samarium Cobalt (SmCo) magnets are made in a sintering process. Samarium Cobalt has the highest magnetic strength combined with high temperature range making it ideal for applications requiring very high strength in hot environments. Temperature range -302°F (-150°C) to 392°F (200°C).

### Lift Magnet Safety Factors

Lift magnets can be effective even when the surfaces of the magnet and/or load have dirt, paint, scale or other debris on them. However, the best efficiency of any magnetic lift is achieved when these surfaces are clean and the poles of the lift (the surfaces in contact with the load) have good, uninterrupted contact with the load.

### It is therefore recommended to:

Avoid setting down the lift magnet in places on the load that are dirty or have rough surface texture. Clear any foreign material from the load before setting the lift magnet on it. Occasionally check the mechanical condition of the magnetic poles to make sure they are flat and have not been damaged during use. After using the lift magnet, protect the pole surfaces with oil. This will keep the steel surface from rusting.

**Loss of Magnetism:** Under normal use conditions, a permanent magnet can experience a decrease in its original holding value.

The most common factors which can cause a loss of strength include:

- Exposure to vibration.
- Every day wear and tear on the magnet face.
- Exposure to extreme temperatures outside the magnet's temperature range.
- Severe blow or shock to the magnet. Do not use a blunt instrument to position the magnet on the load.
- Exposure to electrical currents. Never place the magnet next to a large motor or generator. Never use the magnet as part of a welding ground circuit.



Sling Protection
Web Slings
Round Slings
Synthetic Chain Slings
Wire Rope Slings
Chain Slings
Shackles & Turnbuckles
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Lifting Points
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Pipe & Hose Restraints
Tie Down Assemblies
Tie Down Accessories
Towing & Recovery
Rope & Cordage

**Material Surface & Safe Lifting Conditions**

Lifting ferrous items using a magnet requires a good look at the length, width and thickness of the item. Thin metals do not absorb as many of the magnetic flux lines (magnetic energy) as thicker metals. Thin metals also flex, causing the steel to peel off the magnet. Equally important is the physical size, flatness, surface conditions and type of steel. The charts below illustrate how surface finish and Carbon content affect lifting value.



**PERCENTAGE OF STATED LIFTING POWER BY MATERIAL**

<b>CARBON CONTENT</b>	<b>LOW CARBON 0.05 - 0.29%</b>	<b>100%</b>
	<b>MODERATE CARBON 0.30 - 0.59%</b>	<b>85%</b>
	<b>HIGH CARBON 0.60 - 0.99%</b>	<b>75%</b>
	<b>HIGHER CARBON = HIGHER RESIDUAL*</b>	

**PERCENTAGE OF STATED LIFTING POWER BY SURFACE FINISH**

<b>SURFACE FINISH</b>	<b>GROUND SURFACE</b>	<b>100%</b>
	<b>ROUGH MACHINED</b>	<b>100%</b>
	<b>FOUNDRY FINISH</b>	<b>85%</b>
	<b>ROUGH CAST</b>	<b>65%</b>

\* HIGH CARBON STEEL (TOOL STEEL) WILL ABSORB MAGNETISM & MAY MAGNETICALLY STICK TO STEEL SURFACES, SUCH AS THE MAGNET, OR ATTRACT FERROUS PARTICLES.

**Design Factor**

Design Factor is the relation of the magnet's labeled Working Load Limit (WLL) compared to the magnet's maximum lifting value under ideal conditions. Ideal conditions are when a magnet is new and pulled off a newly machined, thick, low carbon steel plate. The pounds of pull it takes to break the magnet away from the steel surface is the "maximum" lifting value.

**Unless otherwise noted, magnet working load limits are stated up to 50% of the actual value. These magnets may reach substantially higher holding values, but the surface condition of the part may affect the magnet's performance capabilities.**

Working Load Limit (de-rating) values are then determined by taking this maximum lifting value and dividing it by the manufacturer's design factor. Design factors are minimum 2:1 and most cases 3:1. This means a magnet with a 3:1 design factor and labeled with a working load limit of 1,000 lbs will have a break-away force minimum of 3,000 lbs. The labeled WLL is stated for the benefit and safety of the user, due to the fact that ideal conditions rarely exist in the field. The steel that you are lifting may have scale, rust, dirt, or coatings on its surface; or the surface of the magnet itself may be worn. Any of these conditions will cause lower lifting values. Pick a lift magnet that has a WLL value slightly higher than the weight of your part.



**DO NOT ADD** additional weight to your lifting requirements. If you have a 1,000 lb part and you buy a higher labeled 2,000 lb lift magnet, it will result in a magnet that is much heavier, harder to handle and cost more than needed since the 2,000 lb magnet should have a Design Factor of 2:1 or 3:1. Under no circumstances should you lift ferrous objects that weigh more than the stated Working Load Limit value.

**ASME B30.20 Lifting Standards & ASME BTH-1 Design Standard**

The American Society of Mechanical Engineers (ASME) has established standards for Below-the-Hook Lifting Devices. These standards apply to the marking, construction, installation, inspection, testing, maintenance, and operation of all lifting magnets when used for single or multiple steel piece handling operations in which the operator of the lifting magnet is required to manually position the lifting magnet on the load and manually guide the load during its movement, or in close proximity to people. Lifting devices designed to these Standards shall comply with ASME B30.20, Below-the-Hook Lifting Devices. Designed and manufactured to ASME BTH-1 Standard. Industrial Magnetics, Inc. offers several lift magnet options that conform to the ASME B30.20 Standards.



Sling Protection  
Web Slings  
Round Slings  
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Lifting Devices  
Pipe & Hose Restraints  
The Down Assemblies  
The Down Accessories  
Towing & Recovery  
Rope & Cording

# Has Your Lift Magnet Been Tested?

Lift Magnets cannot be visually inspected alone. Lift Magnet Failure is often the result of internal damage to the magnetic material and is not evident by simple visual inspections that can be performed on other lifting devices.

Our Lift Magnet Testing and Certification Service performs both a thorough visual inspection and functional testing of your magnetic lifting products using testing techniques and equipment that meet the ASME B30.20 Standards for Below-the-Hook Magnetic Lifting Devices.

After testing, We provide documentation of the testing and a certificate of conformance if the magnet meets the manufacturer's labeled Working Load Limit (WLL) rating. Damaged label replacement is also available.

## COMMON FACTORS FOR LIFT MAGNET LOSS OF PERFORMANCE OR FAILURE

1. Blunt force impact such as dropping, or banging on, the lift magnet can cause fractures in the magnet material
2. High heat: If the magnet is exposed to temperatures above its' capabilities it will lose magnetism
3. Exposure to electrical fields, like generators or welding ground circuits, will result in loss of magnetism.
4. External factors that influence a lift magnet's performance are; nicks, scratches, gouges, rust, etc. to the contact surface of the lifter.



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Tie Down Assemblies
Tie Down Accessories
Towing & Recovery
Rope & Cordage

# PNL Permanent Lifting Magnet

On/Off, Permanent Rare Earth Lifting Magnets



Product details

## Application

These compact, yet powerful, Rare Earth lift magnets are designed for lifting thick, non-flexing steel. They can be used on flat or round surfaces and contain an internal release on/off device that does not contact or damage the surface of the part being lifted. Permanent magnetic lifts also eliminate the fear of dropping the load being lifted due to power failures.

- ON/OFF Rare Earth design
- Lifts flat or round loads
- Easy internal manual release does not contact the load
- Heat resistant up to 180°F (82°C)
- ASME B30.20 BTH-1 Design Category B Service Class 3

## Lock On & Off Features

The new handle on the PowerLift® Rare Earth lift magnet features a positive lock-on and lock-off mechanism that requires the operator to manually switch between the two states. This prevents the handle from being turned only "partially on" and giving the operator a false sense of security that the magnet is holding safely, or from being accidentally bumped to the "off" position, dropping the load pre-maturely.



Part No.	Working Load Limit (flat)	Working Load Limit (round)	Overall Ln. (in)	Magnet Ht. (in)	Magnet Wd. (in)	Overall Ht. (in)	Handle (in)	Weight (lbs)
PNL0250	250 lbs.	125 lbs.	5	2-5/8	2-5/8	6-5/8	4	7
PNL0800	800 lbs.	400 lbs.	7-7/8	3-7/8	3-5/8	8-7/8	8	21
PNL1600	1,600 lbs.	800 lbs.	10-3/4	4-3/4	4-7/8	8-7/8	9	51
PNL2500	2,500 lbs.	1,250 lbs.	12-5/8	6-1/2	7-1/8	8-7/8	10-3/4	122
PNL5000	5,000 lbs.	2,500 lbs.	16-1/2	8-3/8	9-1/4	18	16-3/4	288
PNL6600	6,600 lbs.	3,300 lbs.	20	10-1/4	11-1/4	22-1/4	20-5/8	485

Working Load Limit (WLL) in lbs & *Maximum Sheet Length For Single Magnet Use							
Part No.	1/4" (6')	3/8" (8')	1/2" (8')	3/4" (8')	1" (10')	2" (10')	3" (10')
PNL0250	180	250	250	250	250	250	250
PNL0800	270	500	615	800	800	800	800
PNL1600	CF	CF	800	1600	1600	1600	1600
PNL2500	NA	NA	CF	CF	1490	2500	2500
PNL5000	NA	NA	NA	NA	CF	2625	5000
PNL6600	NA	NA	NA	NA	NA	NA	6000

Working Load Limit (WLL) Values for the PowerLift® Magnets are stated at 33% of the actual value. We recommend when lifting sheets over 8', use 2 or more lifts on a spreader bar to prevent sheet flexing, sagging or peel-off. Thin material is susceptible to magnetic bleed through, resulting in two sheets being lifted at once. Round WLL Values are based on ideal conditions. Consult the factory before specifying these magnets for use on round materials. \*Max. sheet lengths are selected due to sag characteristics of specified sheet. The item to be lifted must cover the entire length and width of the magnetic poles to properly engage and release the part. CF = Consult Factory, NA = Not Applicable (Magnets will not turn "ON" with stated thicknesses.)

**Note:** Never stand under load being lifted. Always use extra caution. Only use magnetic lifts on material that does not flex or bend. The surface of the lift, and the load being lifted, need to be clean and free of chips, oil, slag, dirt, etc. Lifting magnets must be centered on load. Not recommended for painted or finish coated surfaces. fab



### WARNING: NEVER EXCEED WORKING LOAD LIMIT!

Failure to follow instructions can result in serious property damage, injury or death!  
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Sling Protection  
Web Slings  
Round Slings  
Synthetic Chain Slings  
Wire Rope Slings  
Chain Slings  
Shackles & Turnbuckles  
Hooks & Links  
Lifting Points  
Hoists & Blocks  
Lifting Devices  
Pipe & Hose Restraints  
The Down Assemblies  
The Down Accessories  
Towing & Recovery  
Rope & Cordage

# DynamicLift™ Magnet

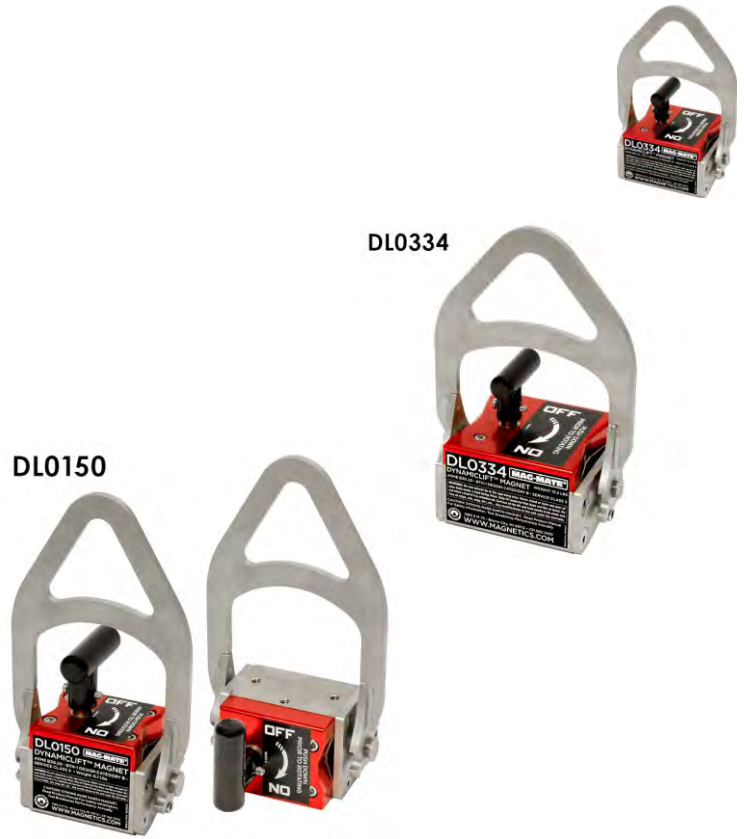
On/Off, Permanent Rare Earth Lifting Magnets

Product details

## Application

These lightweight and powerful Rare Earth permanent lift magnets can be used on flat or round surfaces and contain an internal release On/Off device that does not contact or damage the surface of the part being lifted. DynamicLifts™ also offer excellent holding on thin gauge ferrous metals to comparable Rare Earth lift magnets.

- On/Off actuated Rare Earth design
- Lifts flat or round loads horizontally and flat loads vertically
- Heat resistant up to 180°F (82°C)
- Top rotating and Locking On/Off handle
- 3:1 Design Factor
- ASME B30.20 BHT-1 Design Category B Service Class 3



Model No.	Overall				Magnet			Bail		
	WLL (lbs)	Ht. (in)	Ln. (in)	Wt. (lbs)	Ht. (in)	Wd. (in)	Ln. (in)	Th. (in)	Ht. (in)	Wd. (in)
DL0150	150	9.00	4.25	6.1	2.75	2.50	3.00	0.25	2.25	3.00
DL0334	334	9.75	5.75	13.3	3.00	4.00	4.25	0.25	2.25	4.00

### Working Load Limit (WLL) in lbs & \*Maximum Sheet Length For Single Magnet Use

Horizontal Flat Part / Sheet Lifting Applications			
Model No.	WLL at 1/4" (6' Lg)	WLL at 3/8" (8' Lg)	WLL at 1/2" + (8' Lg)
DL0150	150	150	150
DL0334	275	320	334

### Vertical Flat Part / Sheet Lifting Applications

Model No.	WLL (lbs)	Minimum Thickness (in)
DL0150	37.5	1.00
DL0334	83.5	1.00

### Horizontal Round Part Lifting Applications

Model No.	WLL (lbs)	Minimum Diameter (in)	Minimum Wall Thickness (in)	Max. WLL (lbs) at Min. Diameter & Thickness
DL0150	75	2.00	0.125	65
DL0334	167	4.00	0.125	100

**NOTE:** the Working Load Limit (WLL) values for the DynamicLift™ Magnets are stated at 33% of the actual value. We recommend when lifting sheets over 8 feet in length, use 2 or more lifts on a spreader bar to prevent sheet flexing, sagging or peel-off. Thin material is susceptible to magnetic bleed through, resulting in two sheets being lifted at once. Consult the factory before specifying these magnets for use on round materials. Round Item WLL Values are based on ideal conditions. Length, wall thickness, diameter and surface can all affect the magnet's performance. \*Maximum sheet lengths are selected due to the sag characteristics of the specified sheet. The item to be lifted must cover the entire length and width of the magnetic poles to properly engage and release.



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# Vertical Lift Adapter

## Horizontal/Vertical Lifting Adapter



### Product details

The Vertical Lift Adapter(VLA), combined with an IMI PowerLift® magnet (sold separately), lifts ferrous metal sheets, plates, rounds and billets from horizontal to vertical orientation or vice versa. The VLA is ideal for loading steel plate into vertical storage racks and for lifting plate steel, rounds or billets to machining centres or cutting tables.

The Vertical Lift Adapter can be used on various flat steel plates or round shapes and allows the operator to lift loads up to 4 feet wide. The Vertical Lift Adapter also has convenient, built-in forklift brackets to move and handle steel in a horizontal orientation. The Vertical Lift Adapter is currently available for use with the PNLO800 and PNL1600 (sold separately). For additional models, or steel billet lifting applications, please contact our sales department

### Application

- Load steel plate into vertical storage racks
- Lift steel plate from vertical storage racks to horizontal machining centres or cutting tables
- Lift steel plate, rounds or billets into place for equipment/machinery manufacturing.

### Benefits:

- One lifter for both horizontal and vertical sheet or part handling
- Reduce employee injury - Eliminate improper use of slings or chains to lift sheet metal or steel parts vertically
- Increase production time
- No electricity required



Part No.	Associated Magnet	Ln. (in)	Wd. (in)	Wd. w/ Magnet	Ht. (in)	Maximum Sheet Size	Weight (lbs)
VLA0800	PNLO800	51-1/2	8	8	10	8 x 4	36
VLA1600	PNL1600	52-3/8	10	10-3/4	12-3/8	10 x 4	68

**Part Numbers VLA0800 and VLA1600 do not include magnets. Lift magnets will need to be purchased separately.**

**Note:** Never stand under load being lifted. Always use extra caution. Only use magnetic lifts on material that does not flex or bend. The surface of the lift, and the load being lifted, need to be clean and free of chips, oil, slag, dirt, etc. Lifting magnets must be centered on load. Not recommended for painted or finish coated surfaces.



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The Down Assemblies  
The Down Accessories  
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Rope & Cordage



Lift it up, Tie it down, Pull it around

# METALWORKING MAGNETS

AND MORE



Magnetic Assemblies, Tools & More



*Making Things Better*®

## LIFTING



## WELDING

## HOLDING



## TOOLS

## ROBOTICS

## FABRICATION



VL0600

### VersaLift™ Magnets

Compact and powerful Rare Earth lift magnet for use on flat or round surfaces. Contains an internal ON/OFF release device that does not contact or damage the surface of the part. More features than other lifts and manufactured in the USA (USA M.A.D.E.™).

B100



### Sheet Handlers

Protect workers from cuts, slivers, nicks & burns! Use the Magnetic Sheet Handler for steel sheets, plates, hot or oily parts.

LCM0150-01



### Load Control Magnet

Stay safe. This extremely powerful On/Off Permanent Rare Earth magnet lets you guide loads into position without being in close proximity.

CL0400



**Creative Lift® Magnets** Permanent lift magnets are ideal for handling steel plates, die castings, forgings, etc. They eliminate the need for clamping devices, slings or chains. One person can perform operations previously calling for two or more people.

LCM0150-02



BL0400



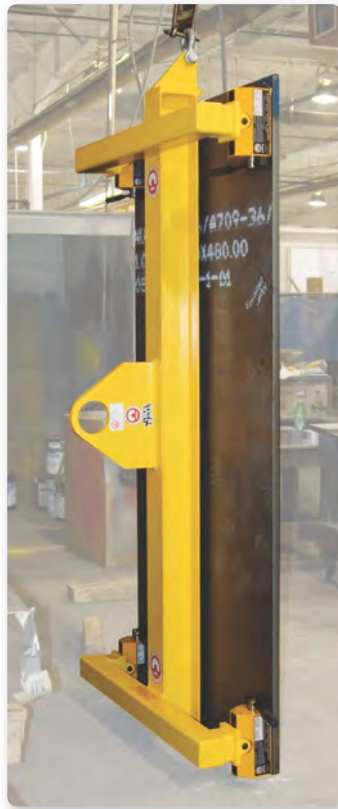
### BasicLift™ Magnet

IMI's BasicLift Magnet is a Permanent Ceramic Lift Magnet for Flat Steel Applications

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- Tie Down Assemblies
- Tie Down Accessories
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# CUSTOM MAGNETIC LIFTING SPECIALISTS

Our factory experts will develop a unique magnetic lifting device if a standard magnetic lift doesn't work for your application. We will be there every step of the way from field sales support to design, manufacturing and final testing. For more information on our custom lifting products, please contact us today.



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- Lifting Devices**
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**Why Caldwell Experience**

Founded in 1954, Caldwell is the leading manufacturer of below the hook lifting solutions. We provide you the best, most effective material handling solutions available. Our dedicated team of employee-owners take the time to fully understand your application. This understanding allows us to apply our experience and provide the best, most effective material handling solution available.

**Caldwell Engineering**

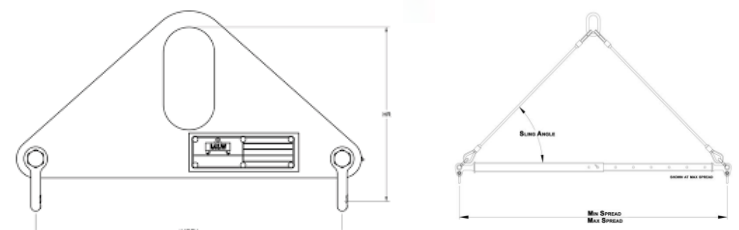
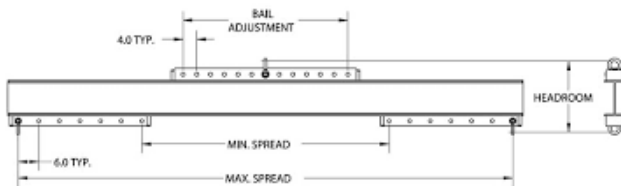
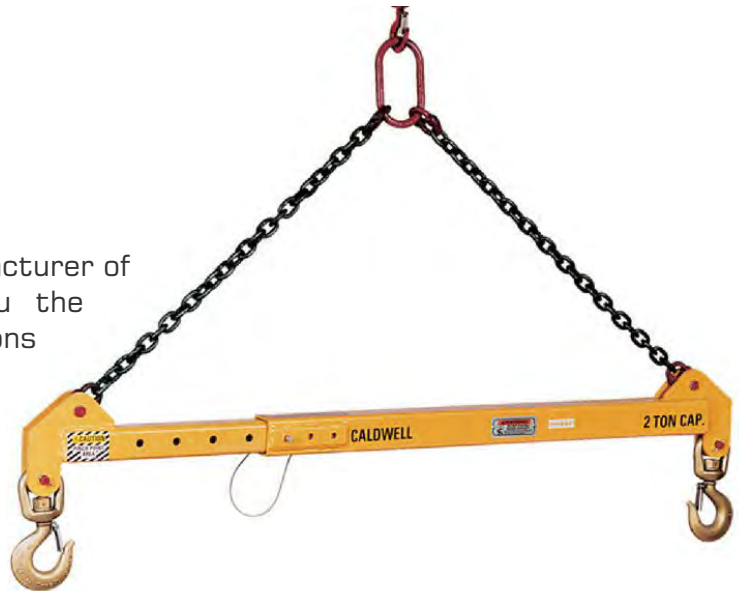
Our staff of professional engineers are skilled at creating custom designed solutions that incorporate the best design practices of today. Our direct involvement with ASME, years and range of experience, and access to the latest technology complete this well-rounded group. We utilize all of these tools to efficiently develop solutions to the most difficult problems.

**Quality**

When you purchase a Caldwell Lifting Solution, you are investing in quality. Each order is thoroughly reviewed throughout the process by our quality control specialists and again verified prior to shipment. Design quality is controlled by the ASME standards we carefully follow and verified by our chief engineer. Material quality is controlled through our stringent material requirements, in-house steel service center, and in-house precision machining equipment. Certified welders with over 110 years of combined experience produce the quality welds required to conform to ASME standards. Finally, prior to shipment, each order is inspected by one of our skilled quality control specialists.

**Custom Lifting Solutions**

The Caldwell Group has the ability to engineer & manufacture custom solutions to cover any problem. For a list of solutions and customizations contact your Super Slings representative or visit [www.superslings.ca](http://www.superslings.ca)



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## Fork Hook Attachments

### Forklift Attachments

Product details

#### Application

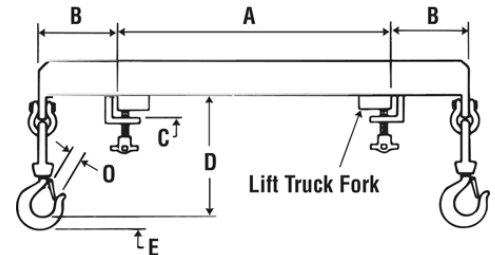
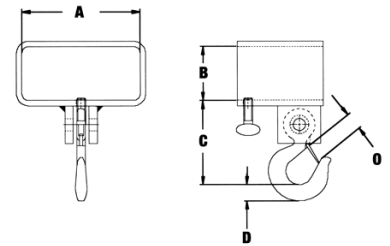
Caldwell Fork Lift Beams are specifically designed to make fork lifts more versatile by providing positive handling of loads otherwise impractical for fork lifts.

#### Features and benefits

- Easy attachment, no special wrenches or tools needed.
- Strong, sturdy, all welded construction.
- Easy to see, highly visible yellow paint.
- Custom designs available.

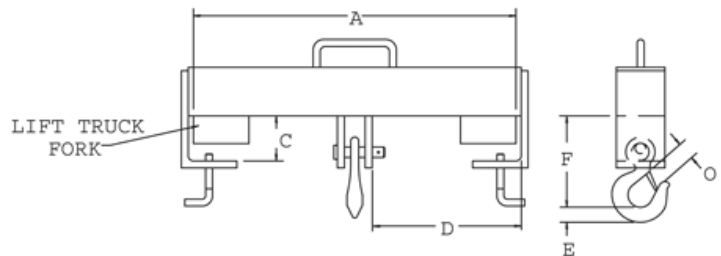
### Model 5(s) - Single Fork/Single Hook

Model Number	Rated Capacity (lbs.)	A (in.)	B (in.)	C Fixed (in.)	C Swivel (in.)	D (in.)	O (in.)	Weight (lbs.)
5-1 1/2-4	3000	4-1/2	2-1/2	4-11/16	--	1	1	7
5-1 1/2-5	3000	5-1/2	2-1/2	4-11/16	--	1	1	8
5-1 1/2-6	3000	6-1/2	2-1/2	4-11/16	--	1	1	9
5S-1 1/2-4	3000	4-1/2	2-1/2	--	6-9/16	1	1	7
5S-1 1/2-5	3000	5-1/2	2-1/2	--	6-9/16	1	1	8
5S-1 1/2-6	3000	6-1/2	2-1/2	--	6-9/16	1	1	9



### Model 10 - Dual Fork/Dual Hook

Model Number	Rated Capacity (lbs.)	A (in.)	C (in.)	D (in.)	F Fixed (in.)	F Swivel (in.)	E (in.)	O (in.)	Weight (lbs.)
10-2-20	4000	20	3-1/4	9-1/8	7-1/4	--	1-1/8	1-5/32	21
10-5-24	10000	24	3-1/4	10-3/4	9-1/4	--	1-13/16	1-11/16	42
10-5-36	10000	36	3-1/4	16-3/4	9-1/4	--	1-13/16	1-11/16	80
10-7.5-36	15000	36	4-1/4	16-1/4	13-3/4	--	2-1/4	2-7/32	166
10-10-36	20000	36	4-1/4	16	14-5/8	--	2-19/32	2-13/32	180
10-15-36	30000	36	4-1/4	15-7/8	14-1/2	--	2-19/32	2-13/32	210
10S-2-20	4000	20	3-1/4	9-1/8	--	8-7/8	1-1/8	1-5/32	21
10S-5-24	10000	24	3-1/4	10-3/4	--	11-7/16	1-13/16	1-11/16	42
10S-5-36	10000	36	3-1/4	16-3/4	--	11-7/16	1-13/16	1-11/16	80
10S-7.5-36	15000	36	4-1/4	16-1/4	--	15-3/4	2-1/4	2-7/32	166
10S-10-36	20000	36	4-1/4	16	--	16-7/16	2-19/32	2-13/32	180
10S-15-36	30000	36	4-1/4	15-7/8	--	16-5/16	2-19/32	2-13/32	210



### Model 15 - Dual Fork/Single Hook

Model Number	Rated Capacity (lbs.)	A (in.)	B (in.)	C (in.)	D (in.)	E (in.)	O (in.)	Weight (lbs.)
15-2-20	4000	20	6-5/8	2-1/2	10-3/8	1-7/16	1-11/32	60
15-5-24	10000	24	9-3/8	2-1/2	11-21/32	1-7/16	1-11/32	68

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For full user manual please visit [www.superslings.ca](http://www.superslings.ca)

## Model 17 Adjustable Lifting Beam

### Adjustable Lifting Beam

Product details

#### Application

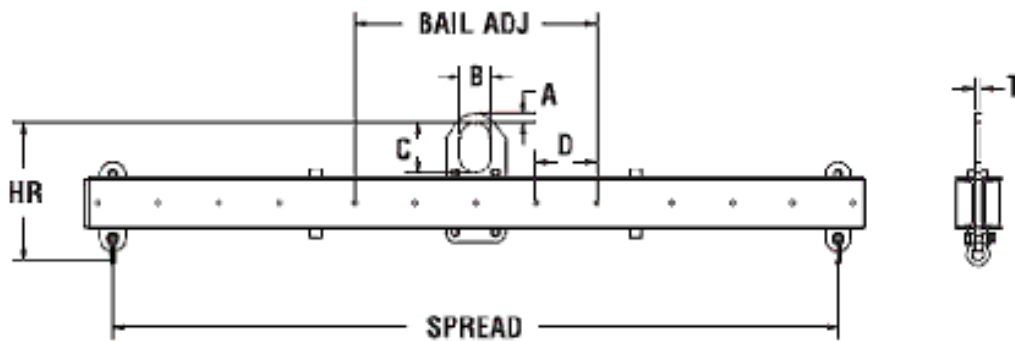
Versatile beam had adjustable spreaders and lifting bail standard to allow for handling of a wide range of loads with a single lifting beam. Product can be used with provided shackles or add optional hooks for increased versatility.

#### Options:

- OPTION S- Pair of swivel hooks

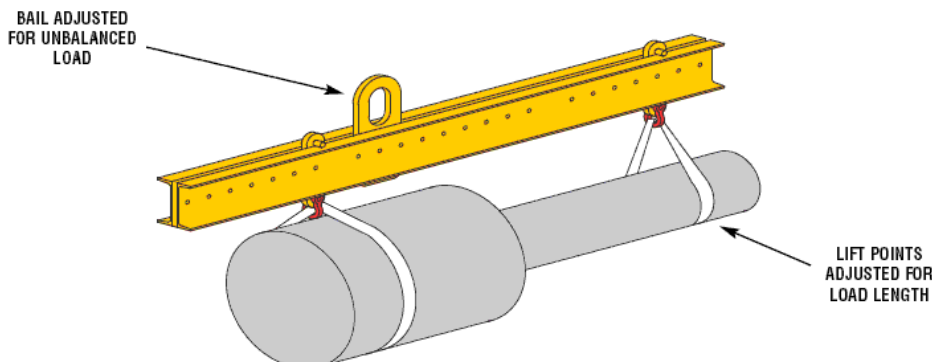
#### Features and benefits

- Bail adjusts horizontally for lifting unbalanced loads.
- Provides clearance in low headroom applications.
- Spread adjusts in 6" increments along lifting beam.
- Shackles included.
- Optional swivel hooks available.
- Complies with ASME standards.



Model Number	Rated Cap. (tons)	Max Spread (in.)	Min. Spread (in.)	Bail Adj. (in.)	D (in.)	HR (in.)	A (in.)	B (in.)	C (in.)	T (in.)	Weight (lbs.)
17-1.1/4-6	1.1/4	72	36	24	3	14.7	1 1/2	3	5	5/8	150
17-2-6	2	72	36	24	3	14.7	1 1/2	3	5	5/8	155
17-4-8	4	96	54	36	6	19.8	2	4	7	3/4	285
17-5-10	5	120	60	36	6	22.4	2	4	7	1	475

## OPERATION



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- Lifting Points
- Hoists & Blocks
- Lifting Devices
- Pipe & Hose Restraints
- Tie Down Assemblies
- Tie Down Accessories
- Towing & Recovery
- Rope & Carriage

# Model 16 Adjustable Lifting/Spreader Beam



## Adjustable Lifting & Spreader Beam

Product details

### Application

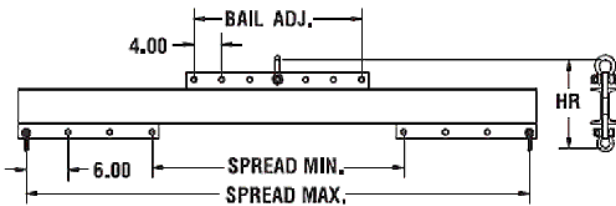
Adjustable bail, adjustable spreads, and the option to add top rigging for additional stability, this is a versatile lifting / spreader beam.

### Features and benefits

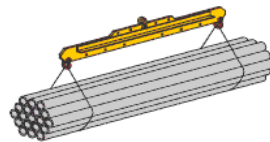
- Has adjustable lifting points.
- Can handle both wide and unbalanced loads.
- Low headroom capability.
- Shackles included.
- Converts to spreader beam with addition of top rigging.
- Optional swivel hooks available.
- Optional chain top rigging available.
- Complies with ASME standards.

### Options:

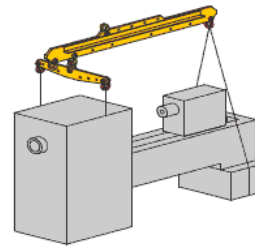
- OPTION S- Pair of swivel hooks
- OPTION C- Chain top rigging
- Cross beams (one or two) specify spread(s), contact Caldwell Applications.



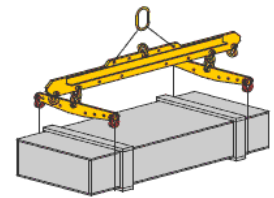
### Operation



Standard  
2 Point Lift



Custom  
3 Point Lift



Custom  
4 Point Lift

Model Number	Capacity	Spread - Max	Spread - Min	Bail Adj.	HR (in)	Top BTAS Cap	Bottom BTAS Cap	Weight (lbs)
16-1/4-4	1/4	48	12	16	7.13	1.5	1.5	40
16-1/2-4	1/2	48	12	16	7.13	1.5	1.5	40
16-1/2-6	1/2	72	36	24	10	1.5	1.5	100
16-1/2-8	1/2	96	48	32	10	1.5	1.5	135
16-1/2-10	1/2	120	60	40	10	1.5	1.5	145
16-1-6	1	72	36	24	10	1.5	1.5	100
16-1-8	1	96	48	32	11	1.5	1.5	140
16-1-10	1	120	60	40	11	1.5	1.5	175
16-2-6	2	72	36	24	12.50	3.25	2	130
16-2-8	2	96	48	32	13.5	3.25	2	200
16-2-10	2	120	60	40	14.5	3.25	2	280
16-4-8	4	96	48	32	16.75	4.75	4.75	290
16-4-10	4	120	60	40	18.75	4.75	4.75	420
16-4-12	4	144	72	48	18.75	4.75	4.75	500
16-5-8	5	96	48	32	18.75	6.5	4.75	320
16-5-10	5	120	60	40	20.25	6.5	4.75	465
16-5-12	5	144	72	48	20.25	6.5	4.75	550
16-7-12	7	144	72	48	23.75	8.5	6.5	790

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Rope & Cordage

## Model 18 Fixed Lifting Beam

### Fixed Lifting Beam

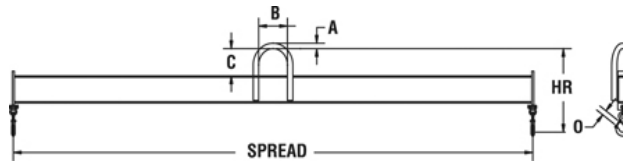
Product details

#### Application

The Caldwell Fixed Spread Lifting Beam is a light weight solution for handling load of the same size

#### Features and benefits

- Provides clearance in low headroom applications.
- Eye hooks with hook latches standard.
- Fixed spread.
- Complies with ASME standards



Model Number	Capacity (tons)	Spread (feet)	A (in.)	B (in.)	C (in.)	O (in.)	HR (in.)	Weight (lbs.)
19-1/2-2	1/2	2	.75	3	5	.89	13.75	20
19-1/2-3	1/2	3	.75	3	5	.89	13.75	26
19-1/2-4	1/2	4	.75	3	5	.89	13.75	33
19-1/2-6	1/2	6	.75	3	5	.89	13.75	48
19-1/2-8	1/2	8	.75	3	5	.89	14.75	75
19-1/2-10	1/2	10	.75	3	5	.89	14.75	93
19-1-2	1	2	1	6	5	.89	14.75	26
19-1-3	1	3	1	6	5	.89	14.75	35
19-1-4	1	4	1	6	5	.89	14.75	44
19-1-6	1	6	1	6	5	.89	15.75	72
19-1-8	1	8	1	6	5	.89	15.75	93
19-1-10	1	10	1	6	5	.89	16.75	131
19-2-3	2	3	1	6	5	1	17.19	45
19-2-4	2	4	1	6	5	1	17.19	55
19-2-6	2	6	1	6	5	1	20.19	108
19-2-8	2	8	1	6	5	1	20.19	140
19-2-10	2	10	1	6	5	1	20.19	188
19-3-3	3	3	1.5	6	5	1	18.50	58
19-3-4	3	4	1.5	6	5	1	20.50	87
19-3-6	3	6	1.5	6	5	1	20.50	118
19-3-8	3	8	1.5	6	5	1	20.50	222
19-3-10	3	10	1.5	6	5	1	20.50	272

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- Rope & Carriage

# Model 30 Fixed Spreader Beam (2T - 15T)

## Fixed Spreader Beam

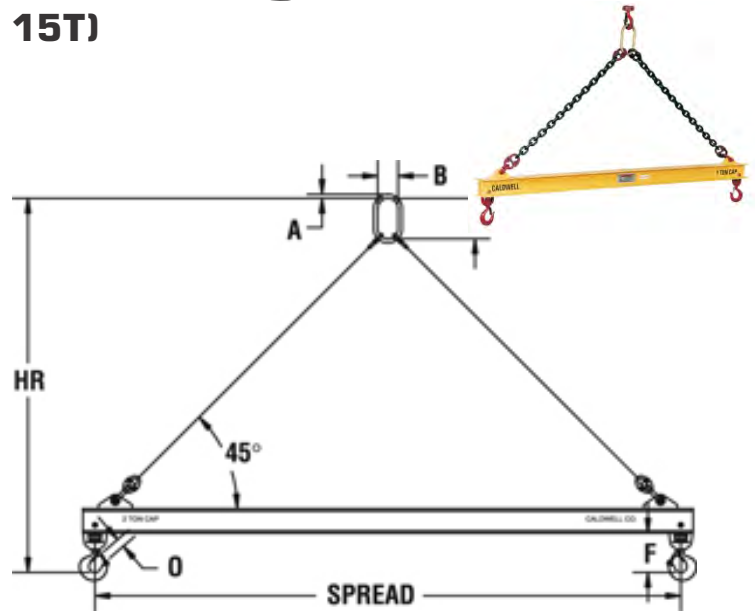
Product details

### Application

This is a fixed length spreader beam that provides an economical solution, ideal for lifting in/out door applications

### Features and benefits

- Ideal where headroom is not limited.
- Adds stability to lift.
- Available with standard chain or wire rope rigging.
- Available with Adjust-A-Leg® rigging for off center load adjustment (minimum lifting capacity will be approximately 10-15% of beam rating).
- Wide range of additional sizes and capacities available.
- Complies with ASME standards



Model Number	Capacity (tons)	Spread (ft)	HR (in.)	A (in.)	B (in.)	C (in.)	F (in.)	O (in.)	Weight (lbs.)*
30-2-4	2	4	34	1/2	2-1/2	5	4-1/4	31/32	45
30-2-6	2	6	46	1/2	2-1/2	5	4-1/4	31/32	60
30-2-8	2	8	58	1/2	2-1/2	5	4-1/4	31/32	82
30-2-10	2	10	70	1/2	2-1/2	5	4-1/4	31/32	95
30-2-12	2	12	82	1/2	2-1/2	5	4-1/4	31/32	115
30-2-16	2	16	106	1/2	2-1/2	5	4-1/4	31/32	225
30-2-20	2	20	132	1/2	2-1/2	5	4-1/4	31/32	408
30-2-24	2	24	156	1/2	2-1/2	5	4-1/4	31/32	445
30-5-4	5	4	37	1	3-1/2	7	6	1-1/16	62
30-5-6	5	6	49	1	3-1/2	7	6	1-1/16	78
30-5-8	5	8	61	1	3-1/2	7	6	1-1/16	100
30-5-10	5	10	73	1	3-1/2	7	6	1-1/16	117
30-5-12	5	12	83	1	3-1/2	7	6	1-1/16	168
30-5-16	5	16	110	1	3-1/2	7	6	1-1/16	305
30-5-20	5	20	134	1	3-1/2	7	6	1-1/16	435
30-5-24	5	24	158	1	3-1/2	7	6	1-1/16	661
30-10-4	10	4	41	1-1/4	4-3/8	8-3/4	8-1/8	1-1/2	100
30-10-6	10	6	53	1-1/4	4-3/8	8-3/4	8-1/8	1-1/2	122
30-10-8	10	8	64	1-1/4	4-3/8	8-3/4	8-1/8	1-1/2	156
30-10-10	10	10	77	1-1/4	4-3/8	8-3/4	8-1/8	1-1/2	180
30-10-12	10	12	86	1-1/4	4-3/8	8-3/4	8-1/8	1-1/2	240
30-10-16	10	16	113	1-1/4	4-3/8	8-3/4	8-1/8	1-1/2	380
30-10-20	10	20	138	1-1/4	4-3/8	8-3/4	8-1/8	1-1/2	532
30-10-24	10	24	163	1-1/4	4-3/8	8-3/4	8-1/8	1-1/2	915
30-15-4	15	4	43	1-1/2	5-1/4	10-1/2	9-1/4	1-3/4	126
30-15-6	15	6	55	1-1/2	5-1/4	10-1/2	9-1/4	1-3/4	155
30-15-8	15	8	65	1-1/2	5-1/4	10-1/2	9-1/4	1-3/4	185
30-15-10	15	10	80	1-1/2	5-1/4	10-1/2	9-1/4	1-3/4	242
30-15-12	15	12	92	1-1/2	5-1/4	10-1/2	9-1/4	1-3/4	270
30-15-16	15	16	116	1-1/2	5-1/4	10-1/2	9-1/4	1-3/4	420
30-15-20	15	20	140	1-1/2	5-1/4	10-1/2	9-1/4	1-3/4	665
30-15-24	15	24	167	1-1/2	5-1/4	10-1/2	9-1/4	1-3/4	953

**WARNING: NEVER EXCEED WORKING LOAD LIMIT!**

Failure to follow instructions can result in serious property damage, injury or death!

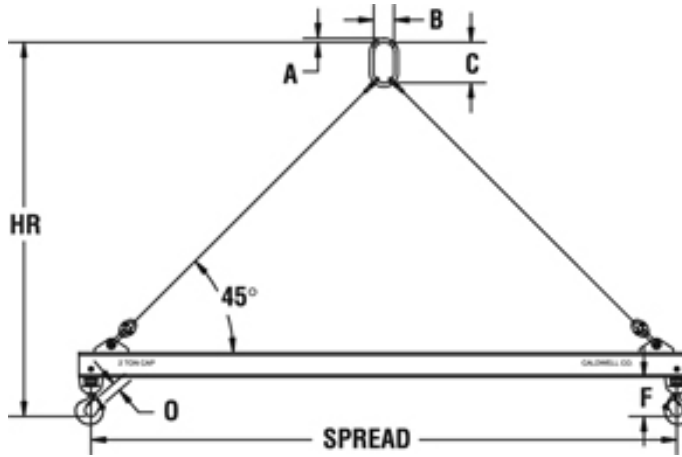
For full user manual please visit [www.superslings.ca](http://www.superslings.ca)

Sling Protection  
 Web Slings  
 Round Slings  
 Synthetic Chain Slings  
 Wire Rope Slings  
 Chain Slings  
 Shackles & Turnbuckles  
 Hooks & Links  
 Lifting Points  
 Hoists & Blocks  
 Lifting Devices  
 Pipe & Hose Restraints  
 Tie Down Assemblies  
 Tie Down Accessories  
 Towing & Recovery  
 Rope & Cordage



Lift it up, Tie it down, Pull it around

Model 30 Fixed Spreader Beam (20T - 40T)



Model Number	Capacity (tons)	Spread (ft)	HR (in.)	A (in.)	B (in.)	C (in.)	F (in.)	O (in.)	Weight (lbs.)*
30-20-4	20	4	46	1-3/4	6	12	9-3/4	2	170
30-20-6	20	6	58	1-3/4	6	12	9-3/4	2	200
30-20-8	20	8	69	1-3/4	6	12	9-3/4	2	233
30-20-10	20	10	82	1-3/4	6	12	9-3/4	2	315
30-20-12	20	12	94	1-3/4	6	12	9-3/4	2	350
30-20-16	20	16	118	1-3/4	6	12	9-3/4	2	540
30-20-20	20	20	140	1-3/4	6	12	9-3/4	2	775
30-20-24	20	24	170	1-3/4	6	12	9-3/4	2	1341
30-30-6	30	6	60	1-3/4	6	12	9-3/4	2	285
30-30-8	30	8	70	1-3/4	6	12	9-3/4	2	402
30-30-10	30	10	83	1-3/4	6	12	9-3/4	2	440
30-30-12	30	12	95	1-3/4	6	12	9-3/4	2	530
30-30-16	30	16	120	1-3/4	6	12	9-3/4	2	888
30-30-20	30	20	145	1-3/4	6	12	9-3/4	2	1390
30-40-6	40	6	65	2	7	14	13	2-3/4	563
30-40-8	40	8	77	2	7	14	13	2-3/4	695
30-40-10	40	10	89	2	7	14	13	2-3/4	781
30-40-12	40	12	102	2	7	14	13	2-3/4	1058
30-40-16	40	16	127	2	7	14	13	2-3/4	1364

**WARNING: NEVER EXCEED WORKING LOAD LIMIT!**

Failure to follow instructions can result in serious property damage, injury or death!

For full user manual please visit [www.superslings.ca](http://www.superslings.ca)

- Sling Protection
- Web Slings
- Round Slings
- Synthetic Chain Slings
- Wire Rope Slings
- Chain Slings
- Shackles & Turnbuckles
- Hooks & Links
- Lifting Points
- Hoists & Blocks
- Lifting Devices
- Pipe & Hose Restraints
- Tie Down Assemblies
- Tie Down Accessories
- Towing & Recovery
- Rope & Carriage

# Model 32C Adjustable Spreader Beam

## Adjustable Spreader Beam

Product details

### Application

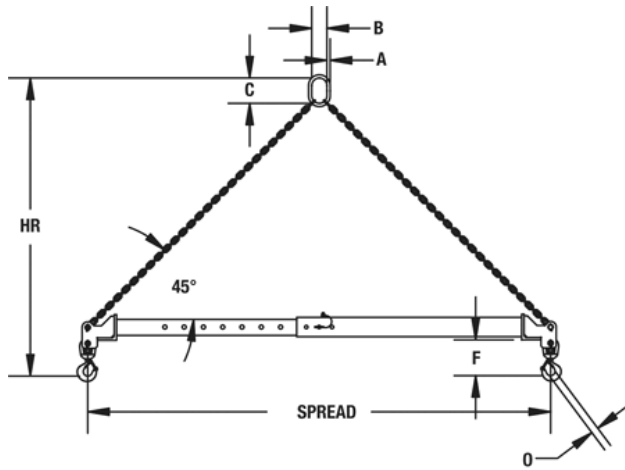
This is a fixed length spreader beam that provides an economical solution, ideal for lifting in/out door applications

### Features and benefits

- Ideal where headroom is not limited.
- Adds stability to lift.
- Available with standard chain or wire rope rigging.
- Available with Adjust-A-Leg® rigging for off center load adjustment (minimum lifting capacity will be approximately 10-15% of beam rating).
- Wide range of additional sizes and capacities available.
- Complies with ASME standards

### Options

- OPTION C - Chain top rigging from beam to crane hook.
- OPTION W - Wire rope top rigging from beam to crane hook.



Model Number	Capacity (tons)	Max Spread (ft)	Min Spread (ft)	HR Min/Max w.chain rigging (in.)	A (in.)	B (in.)	C (in.)	F (in.)	O (in.)	Weight Beam & Hooks (lbs.)	Chain Rigging Weight (lbs.)
32-2-4/6	2	6	4	57/48	1/2	2.36	3.94	5.5	0.97	70	9
32-2-6/10	2	10	6	88/72	1/2	2.36	3.94	5.5	0.97	85	13
32-2-8/14	2	14	8	113/96	1/2	2.36	3.94	5.5	0.97	175	17
32-2-12/20	2	20	12	166/132	1/2	2.36	3.94	5.5	0.97	245	23
32-5-4/6	5	6	4	64/55	1	3.94	7.09	8.4	1.41	105	34
32-5-6/10	5	10	6	95/79	1	3.94	7.09	8.4	1.41	160	47
32-5-8/14	5	14	8	126/102	1	3.94	7.09	8.4	1.41	205	61
32-5-12-20	5	20	12	172/138	1	3.94	7.09	8.4	1.41	670	82
32-10-4/6	10	6	4	69/60	1-1/4	5.51	10.63	10.6	1.78	95	49
32-10-6/10	10	10	6	111/74	1-1/4	5.51	10.63	10.6	1.78	175	69
32-10-8/14	10	14	8	132/108	1-1/4	5.51	10.63	10.6	1.78	460	88
32-10-12/20	10	20	12	163/144	1-1/4	5.51	10.63	10.6	1.78	680	118
32-15-4/6	15	6	4	72/64	1-1/2	5.25	10.5	13.6	2.22	165	78
32-15-6/10	15	10	6	104/87	1-1/2	5.25	10.5	13.6	2.22	365	111
32-15-8/14	15	14	8	135/111	1-1/2	5.25	10.5	13.6	2.22	478	145
32-15-12/20	15	20	12	180/147	1-1/2	5.25	10.5	13.6	2.22	700	194

**WARNING: NEVER EXCEED WORKING LOAD LIMIT!**

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For full user manual please visit [www.superslings.ca](http://www.superslings.ca)

Sling Protection  
Web Slings  
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Hoists & Blocks  
Lifting Devices  
Pipe & Hose Restraints  
Tie Down Assemblies  
Tie Down Accessories  
Towing & Recovery  
Rope & Cordage

## Model 32 High-Capacity Adjustable Spreader Beam

### Adjustable Spreader Beam

Product details

#### Application

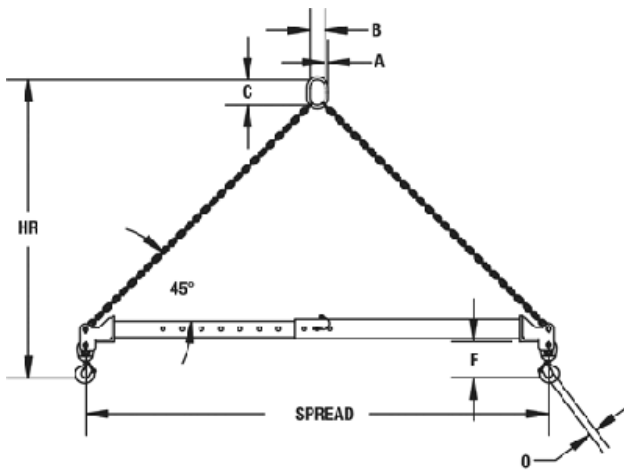
This is a fixed length spreader beam that provides an economical solution, ideal for lifting in/out door applications

#### Features and benefits

- Ideal where headroom is not limited.
- Adds stability to lift.
- Available with standard chain or wire rope rigging.
- Telescoping adjustment at 12 inch increments
- Wide range of additional sizes and capacities available.
- Complies with ASME standards

#### Options

- OPTION C - Chain top rigging from beam to crane hook.
- OPTION W - Wire rope top rigging from beam to crane hook.



Model Number	Capacity (tons)	Max Spread (ft)	Min Spread (ft)	HR (in.)	A (in.)	B (in.)	C (in.)	F (in.)	O (in.)	Weight (lbs)	Chain Rigging Weight (lbs)
32-20-7/11	20	11	7	107/93	1.75	6.0	12.0	14.2	2.27	430	175
32-20-9/15	20	15	9	144/123	1.75	6.0	12.0	14.2	2.27	540	225
32-20-12/20	20	20	12	180/151	1.75	6.0	12.0	14.2	2.27	822	275
32-25-7/11	25	11	7	107/98	2	7.0	14.0	14.2	2.27	430	240
32-25-9/15	25	15	9	141/119	2	7.0	14.0	14.2	2.27	540	295
32-25-12/20	25	20	12	179/149	2	7.0	14.0	41.2	2.27	825	365
32-30-7/11	30	11	7	115/102	2	7.0	14.0	18.3	3.02	615	240
32-30-9/15	30	15	9	145/124	2	7.0	14.0	18.3	3.02	750	295
32-30-12/20	30	20	12	183/154	2	7.0	14.0	18.3	3.02	1065	365
32-40-7/11	40	11	7	118/105	2.25	8.0	16.0	18.3	3.02	620	375
32-40-9/15	40	15	9	148/127	2.25	8.0	16.0	18.3	3.02	840	470
32-40-12/20	40	20	12	184/154	2.25	8.0	16.0	18.3	3.20	1500	565

### WARNING: NEVER EXCEED WORKING LOAD LIMIT!

Failure to follow instructions can result in serious property damage, injury or death!

For full user manual please visit [www.superslings.ca](http://www.superslings.ca)

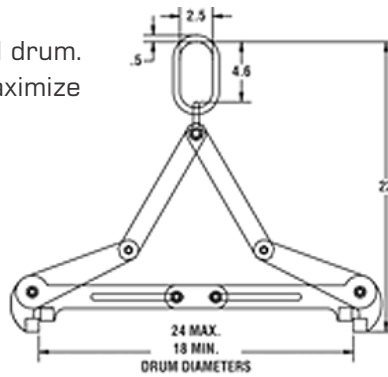
Sling Protection  
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Round Slings  
Synthetic Chain Slings  
Wire Rope Slings  
Chain Slings  
Shackles & Turnbuckles  
Hooks & Links  
Lifting Points  
Hoists & Blocks  
Lifting Devices  
Pipe & Hose Restraints  
Tie Down Assemblies  
Tie Down Accessories  
Towing & Recovery  
Rope & Cording

## Vertical Drum Grab

### Product details

- This vertical drum grab is ideal for handling closed or open steel drums.
- No fasteners, binders, or rings to put around drum.
- Grab allows drums to be closely stored to maximize floor space.
- Grab will not damage drum.
- Complies with ASME standards

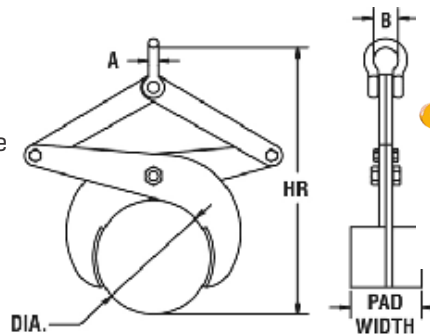
Model Number	Rated Capacity (tons)	Weight (lbs.)
150-1	1	19



## Pipe Tongs

### Product details

- Pipe Tongs are made of sturdy construction to handle pipe, round bars and cast pipe.
- Tongs are provided with steel curved gripping arms.
- Optional replaceable polyurethane pads available to protect smooth or polished surfaces.
- Load must be balanced and controlled when lifting.
- Use in pairs with a lifting/spreader beam for added stability.
- Complies with ASME standards.

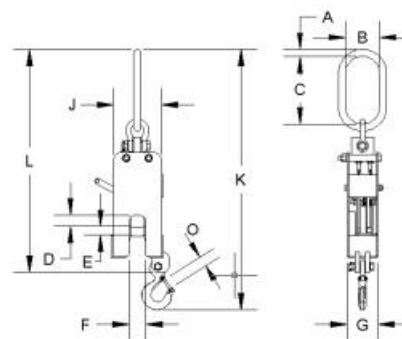


Model Number	Rated Capacity (lbs.)	Bare Steel Range Min. - Max. (in)	Urethane Pad Range Min. - Max. (in)	HR Min. - Max. (in)	Pad Width (in)	A (in)	B (in)	Weight (lbs.)
108-1/2-2/4	1000	2 - 4	1.25 - 3.25	13.46 - 11.78	2.25	0.5	1.31	7
108-1-4/8	2000	4 - 8	3.25 - 7.25	21.06 - 18.70	5	0.5	1.31	18
108-1-7/12	2000	7 - 12	6.25 - 11.25	39.71 - 34.40	6	0.88	2.28	73
108-1-10/15	2000	10 - 15	9.25 - 14.25	37 - 33.63	6	0.75	2	50
108-1-15/20	2000	15 - 20	14.25 - 19.25	59.53 - 64.72	8	.97	2.28	225

## Manual Rig Release

### Product details

- NEW- Rope Guide allows rigging to be released when hook is either above or beside the operator. If hook is located below the operator, please see Upward Pull option in the special application section.
- Designed for rugged outdoor use.
- Easy to use - simply rig, lift, set and release.
- LOCK & CAPTURE feature engages with very little load weight (see Minimum Load in chart below).
- Rated load capacity can be lifted from either Lift Arm or the lower Strip Sling Hook. Do not exceed rated capacity of hook.
- Oversized bail for easy mounting on crane hook - 5, 10 & 15 ton units provided with fixed bails.
- Designed and manufactured to ASME standards.

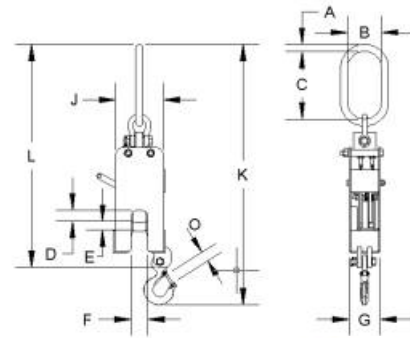


## Manual Rig Release

The **Rig-Release** Remote Releasing Hook will allow you to set loads - and then - quickly, efficiently, and safely release the rigging from a safe distance. The Rig-Release simply hooks to your crane or spreader beam. You can then attach the slings(s) directly to the Rig-Release and rig the load. Once the load line is set and the crane line is slack, pull the release rope to release the sling(s). No need for a man lift on site or to have a worker crawl out (or up) just to disconnect sling(s). It's all done from a safe distance.

### Product details

- NEW- Rope Guide allows rigging to be released when hook is either above or beside the operator. If hook is located below the operator, please see Upward Pull option in the special application section.
- Designed for rugged outdoor use.
- Easy to use - simply rig, lift, set and release.
- LOCK & CAPTURE feature engages with very little load weight (see Minimum Load in chart below).
- Rated load capacity can be lifted from either Lift Arm or the lower Strip Sling Hook. Do not exceed rated capacity of hook.
- Oversized bail for easy mounting on crane hook - 5, 10 & 15 ton units provided with fixed bails.
- Designed and manufactured to ASME standards.

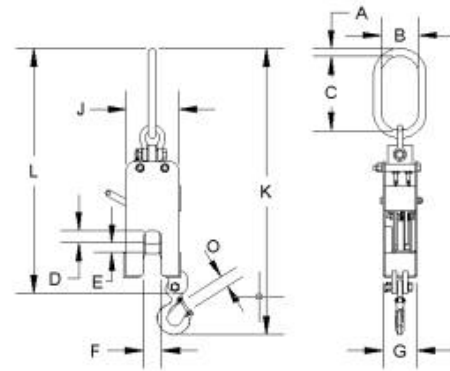


Model Number	Rated Cap.	Dimensions (in)												Weight (lbs)
		(tons)	D	E	F	G	J	K	L	O	A	B	C	
RR-1	1	1.15	.75	1.25	2.77	4.25	23.10	19.75	.89	.63	3.0	6.0	.63	14
RR-2.5	2.5	1.75	1	1.5	4.25	9.56	31.67	26.88	1.09	.63	3	6	.63	45
RR-5	5	1.83	1.5	1.5	5	11.13	36.4	30.75	1.36	2	4	7	1.25	110
RR-10	10	2.25	1.75	2	6.31	11	41.16	32.13	2.08	2	4	7	1.25	200
RR-15	15	3	2.5	2.5	6.31	15	49.25	39.25	2.27	2.5	5	9	1.5	325

## Radio Controlled Rig Release

### Product details

- Allows rigging to be released from a safe distance with the push of a button.
- Designed for rugged outdoor use.
- Easy to use - simply rig, lift, set and release.
- LOCK & CAPTURE feature engages with very little load weight (see Minimum Load in chart below).
- Includes two 12 VDC 0.8 Amp Hr. sealed maintenance free lead acid batteries (rechargeable).
- Includes one charger, and one vehicle adapter for standard 12 VDC vehicle outlets.
- Battery life lasts through an 8 hour shift, depending on frequency of operation.
- Minimum required cycle time is 1 - 2 minutes between releases.
- Over sized bail for easy mounting on crane hook, 5 ton unit provided with fixed bail.
- Designed and manufactured to ASME standards.



Model Number	Rated Cap.	Dimensions (in)												Weight (lbs)
		(tons)	D	E	F	G	J	K	L	O	A	B	C	
RR-2.5(R)	2.5	1.75	1	1.5	4.25	9.56	31.15	26.88	1.09	0.6	3.0	6.0	.63	50
RR-5(R)	5.0	1.83	1.5	1.5	5.0	11.13	36.40	30.75	1.36	2	4	7	1.25	115

## Triangle Beams

### Product details

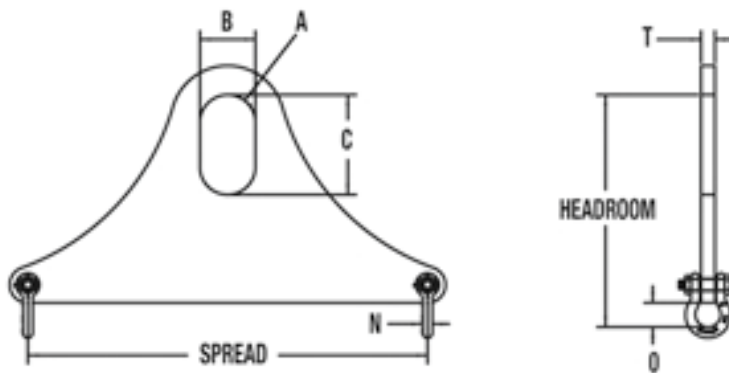
Caldwell Triangle Beams provide a low headroom solution when a short span is all you need to make the connections between the load and the crane. Caldwell Triangle Beams are available in standard capacities from 13 to 149 tons and comply with ASME standards.

### Features

- Low Headroom
- Designed to ASME standards

### Available Options:

- Custom Capacities
- Extra Spreads
- Full Capacity Center Lift Points
- Built-In Stand
- Oblong with Top Shackle
- Longer Spreads
- Shorter Spreads
- Various Rigging Options



Model Number	Rated Capacity (tons)	Spread (ft.)	Dimension (in)							Net Weight (lbs)
			HR	A	B	C	T	O	N	
20TB-13-2	13	2	19.2	2.25	5	9	1.25	2.19	0.88	90
20TB-13-3	13	3	21	2.25	5	9	1.25	2.19	0.88	138
20TB-24-2	24	2	24.4	2.75	6	12	1.75	3.25	1.25	181
20TB-24-3	24	3	26.5	2.75	6	12	1.75	3.25	1.25	251
20TB-34-2	34	2	30.3	3.38	7	16	2	4.19	1.5	273
20TB-34-3	34	3	32.6	3.38	7	16	2	4.19	1.5	360
20TB-50-2	50	2	32	3.63	7	16	2.5	4.94	1.75	396
20TB-50-3	50	3	34.5	3.63	7	16	2.5	4.94	1.75	518
20TB-70-2	70	2	35.12	4	7	18	3	5.12	2	570
20TB-70-3	70	3	37.62	4	7	18	3	5.12	2	737
20TB-110-2	110	2	41.4	5.25	3.5	20	3.5	7.62	2.5	890
20TB-110-3	110	3	44.5	5.25	3.5	20	3.5	7.62	2.5	1,129
20TB-149-2	149	2	46	5.63	9	22	4.5	9.87	3	1,300
20TB-149-3	149	3	49.24	5.63	9	22	4.5	9.87	3	1,640



20 YEARS of  
**super slings inc.**

Secure Solutions

# PIPE & HOSE RESTRAINTS



Pipe & Hose Restraints	Tie Down Assemblies	Tie Down Accessories	Towing & Recovery	Lifting Devices	Hoists & Blocks	Lifting Points	Hooks & Links	Shackles & Turnbuckles	Chain Slings	Wire Rope Slings	Synthetic Chain Slings	Round Slings	Web Slings	Sling Protection
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# super connect

## Temporary PipeWork Restraints



# WARNING!

This bulletin contains important safety information about the use of SUPER-CONNECT restraints, however; it **DOES NOT** contain all the information you need to know about securing pipes/hoses safely. Restraint slings are one part of the securement system and it is your responsibility to consider all risk factors prior to using any pipework or hose restraint system. Failure to do this may result in severe **INJURY** or **DEATH** due to sling failure and/or other securement components.

### 1. WARNINGS & NOTES OF CAUTION

- a. Proper installation of the iron securement system is essential to the integrity and functionality of the entire system.
- b. Ensure that the iron securement system is correct for the size, type, and pressure class of the iron being secured.
- c. The iron securement system is intended to **reduce** the risk of serious injury and/or damage to equipment in the event that a union type connection separates or ruptures while under pressure.
- d. Pre-Use and periodic inspection of both the iron and iron securement system in accordance with OEM instructions and the iron securement system described herein is essential to the integrity and functionality of the entire system.
- e. Iron securement slings and hardware must only be used for iron securement system and **NEVER** for lifting or rigging of ANY OTHER KIND.
- f. Harsh chemicals such as acids or alkalis may affect the integrity of the iron securement system components. **NEVER** use iron securement slings that appear to be saturated with chemicals or solvents, appear to have chemical burns, abrasions or otherwise appear compromised.
- g. Take care when making up iron connections not to impact any component of the iron securement system with a hammer or mallet.
- h. Anchor points of the iron securement system **MUST** be adequately (See Table 1.). If uncertainty exists on whether or not an anchor point is suitable, contact a professional engineer registered in the territory/jurisdiction of operation.
- i. In the event of a rupture, union separation or uncontrolled flow, all components of the iron securement system **MUST** be taken out of service and returned to the OEM for failure analysis.
- j. Ensure all existing whip check clamps not pertaining to the described iron securement system are removed from the iron.
- k. Failure to comply with any of the above **MAY** result in **INJURY** or **DEATH** in the event of a separation or rupture.
- l. Personnel **MUST** keep clear of pumping iron during pumping operations.

### 2. RIG UP - PUMPING IRON

- a. Iron should be rigged up according to OEM instructions ensuring all unions are made up tight.
- b. Run iron between units in the most "direct" path possible.
- c. Iron must be properly supported off the ground using blocking stands

### 3. SECUREMENT SLING SPECIFICATIONS

Refer to OEM specifications for details on sling sizing and identification requirements.

#### General Sling Notes

- a. All slings must be synthetic type covered with a nylon or polyester protective sleeve.
- b. Various sling lengths can be used in this system, however; it is recommended that longer slings (20') be used when possible.
- c. Polyester slings are not significantly affected by most compounds or chemicals including: alcohols, hydrocarbons, keynotes, soaps, detergents, water, most weak acids or alkalis.
- d. The service temperature range for polyester slings in -40°C to 90°C. Steam cleaning in excess of 90°C will damage the sling.

### 4. SLING REQUIREMENT, SELECTION & USE

#### Sling Requirements

- a. Slings must be manufactured, tested, inspected and used in compliance with ASME B30.9-2014
- b. Sling type to be polyester endless round slings
- c. Join between hitches with reef knot or shackle. Shackles designed to minimum ultimate strength of 6 x WLL to be used are:
  - i. 4.75 tonne (3/4" nominal) for SC02 thru SC04
  - ii. 6.5 tonne (7/8" nominal) for SC05 thru SC07
  - iii. 8.5 tonne (1" nominal) for SC08
  - iv. 9.5 tonne (1-1/8" nominal) for SC09
  - v. 12 tonne (1-1/4" nominal) for SC10
  - vi. 17 tonne (1-1/2" nominal) for SC11

**NOTE:** Anchor points **MUST** be capable of withstanding a static load without failure equal to the breaking strength of the specified slings. Consult engineering if uncertainty exists on whether or not an anchor is suitable for the application intended. **ONLY** "Certified" Anchor points can be used to anchor the securement slings.



## Sling Selection

- Choose Cross Reference chart based on type of fluid pressurizing the temporary pipework system.
- Determine maximum inside diameter (ID) of temporary pipework components and find this value in the first vertical column.
- Follow the row from the ID value to the column that exceeds the maximum non-shock working pressure of the temporary pipework system.
- The column selected will derive the size code of the recommended Super-Connect sling for the temporary pipework system.
- From the size code, determine the length of sling required for the temporary pipework system.

## Use of Slings

- It is the responsibility of the end user of this system to install, operate and maintain the system and components. Proper training of personnel installing, operating and maintaining the system is the responsibility of the end user.
- The included restraint ratings are applicable when used with approved operating procedures for the half-hitch sling method of high pressure piping restraint, in conjunction with anchor points selected and approved by a qualified person.
- An approved maintenance and inspection plan, meeting or exceeding both the sling manufacturer's requirements and industry best practices is mandatory. This plan must include pre-use and annual inspections.

## 4. RIG UP - SECUREMENT SLINGS

Proper rig up of the sling securement system is **essential** to the integrity of the system during operations. Users **MUST** be trained to properly use the sling securement system and final rig up should be checked by a supervisor, prior to commencing operations.

### Recommended Installation Procedure

- starting at an anchor point, connect a sling using a shackle through the sling loop (See figure 2)
- Keeping the sling tight, hitch the sling around each union connection (See figure 3 & 4)
- Valves require a hitch on each end. (See figure 8).
- Small valves may only require 1 hitch on the wing end.
- Swivels require an additional hitch in the center of the swivel. (See figure 9)
- When a slings becomes too short to hitch around a union or when running the length of a straight section: Choke a new sling through the sling. Pull the new sling tight in the direction of rigging and continue on. (See figure 5)
- Ensure all hitches around the unions are tight and all the slick is taken out of the sling rigging.
- In order to take out excessive slack in tight areas or due to the sling terminating close to a union, an additional hitch may be used to take up the excess length.
- Anchor similar to step "a." above on the opposite end to the iron string. Or anchor around the wellhead using a "choker". (See figure 6)
- Typical configurations are shown in figure 7.

**Figure 2.** Anchor Point  
(For Reference Only)



**Figure 3.** Typical Hitch



**Figure 4.** Typical Hitch around  
Each Side of Union



**Figure 5.** Choker Sling  
Extension



**Figure 6.** Choker Around  
Well Head



**Figure 7.** Typical Configuration  
rig-up



**Figure 8.** Typical Hitch on Valve



**Figure 9.** Typical Hitch on Swivel Assembly



# Super-Connect Pipework Restraints

## Temporary Pipework Restraints

Product details

Super-Connect temporary pipework restraints are rated for both liquid and gas high pressure pipework. These slings are designed to be used in a choker or choke and half hitch configuration to help limit the amount of damage from line failures during pressure pumping operations.


Pumping hazardous energy sources increases the potential risk of pipe rupturing and without safe guarding the pipe; it may become a projectile causing injury or death.

It is recommended that temporary pipework restraint systems be used on and temporary joint piping, hammer unions, hoses, etc. As per the restricted access zone standard, restraints are required to be installed on all temporary piping on the following equipment in the following areas:

All pressure testing equipment:

- Wellheads, Flow lines, Pipelines and Well control equipment.
- During hydraulic fracturing operations from pressure pumping equipment and treating iron to the well head
- Wellhead and pressure piping that are open during active operations:
  - Snubbing
  - E-line
  - Slick-line
  - Coil Tubing
  - Fracturing
  - Acidizing
  - Flow Back

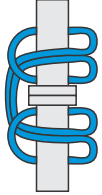




Secure Solutions  
**WARNING!**  
NEVER EXCEED  
WORKING LOAD LIMIT

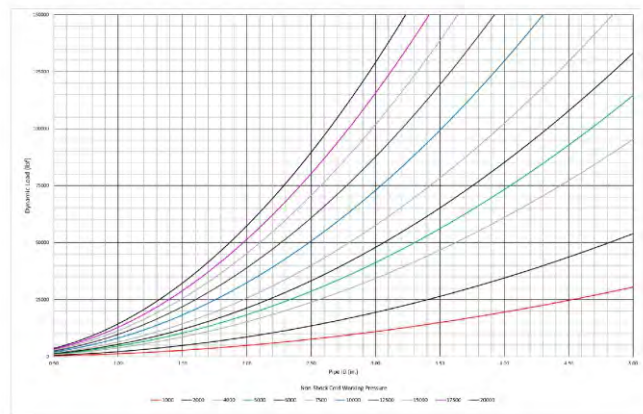
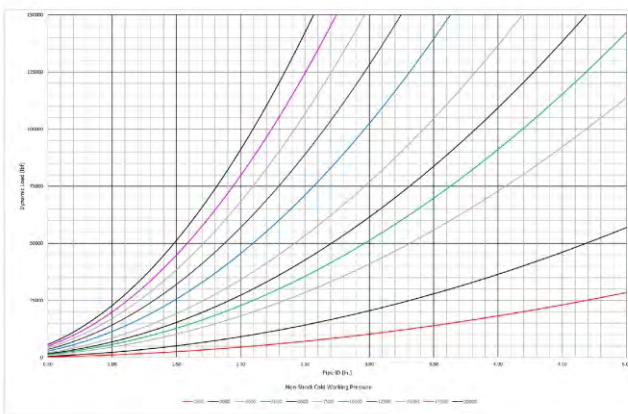
**SUPER-CONNECT  
PIPEWORK RESTRAINT**

RECC SHACKLE	8-1/2 T
SERIAL NUMBER	74675-001
SIZE CODE	SC-08
MATERIAL	POLYESTER
LENGTH	20 FT
DATE	2017-02-09
HITCH TYPE	CHOKE



PIPE ID INCHES	GAS PSI		LIQUID PSI	
	1.00	20,000	20,000	20,000
1.50	20,000	20,000	20,000	
2.00	15,000	20,000	20,000	
2.50	10,000	15,000	20,000	
3.00	6,000	10,000	15,000	
3.50	5,000	6,000	10,000	
4.00	4,000	4,000	6,000	
4.50	2,000	2,000	4,000	
5.00	2,000	2,000	2,000	

## ENGINEERED IN CANADA



**WARNING: NEVER EXCEED WORKING LOAD LIMIT!**

Failure to follow instructions can result in serious property damage, injury or death!

For full user manual please visit [www.superslings.ca](http://www.superslings.ca)

Sling Protection  
 Web Slings  
 Round Slings  
 Synthetic Chain Slings  
 Wire Rope Slings  
 Chain Slings  
 Shackles & Turnbuckles  
 Hooks & Links  
 Lifting Points  
 Hoists & Blocks  
 Lifting Devices  
 Pipe & Hose Restraints  
 Tie Down Assemblies  
 Tie Down Accessories  
 Towing & Recovery  
 Rope & Cordage

# Super-Connect Pipework Restraints

## Temporary Pipework Restraints

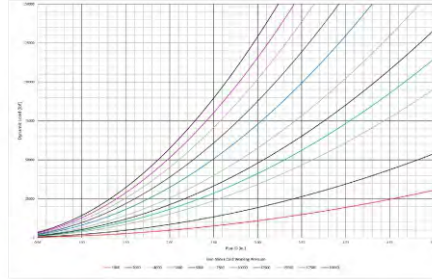
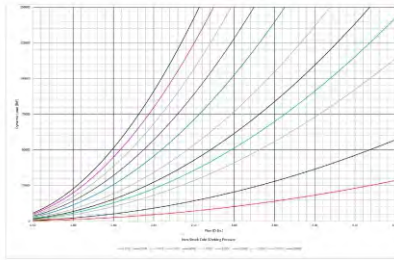
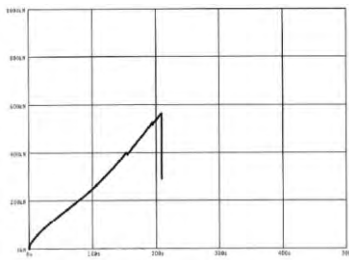
Product details

How-to-Order:

1. Choose cross-reference chart below based on type of fluid pressurizing the temporary pipework system (Liquid or Gas).
2. Determine maximum inside diameter (ID) of temporary pipework components and find this value on the left column of corresponding chart.
3. Follow the Pipe ID row to the PSI that meets or exceeds the maximum PSI of your system to the column that corresponds to Super-Connect Model number.
4. Determine the length required to secure the pipework according to site requirements.

# super connect

## Temporary PipeWork Restraints



### Cross Reference Chart

**LIQUID**



DYNAMIC RESTRAINT LOADS, TEMPORARY PIPEWORK, PRESSURIZED WITH LIQUIDS  
 DYNAMIC LOAD RATED FOR CHOKE / HALF HITCH  
 SUPER CONNECT MODEL NUMBER / PSI

Pipe ID in.	SC01	SC02	SC03	SC04	SC05	SC06	SC07	SC08	SC09	SC10	SC11
1.00	7,500	10,000	15,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000
1.50	2,000	5,000	7,500	10,000	15,000	17,500	20,000	20,000	20,000	20,000	20,000
2.00	2,000	2,000	4,000	6,000	7,500	7,500	10,000	15,000	17,500	20,000	20,000
2.50	1,000	1,000	2,000	4,000	5,000	6,000	7,500	10,000	10,000	12,500	17,500
3.00	X	X	1,000	2,000	2,000	4,000	5,000	6,000	7,500	7,500	12,500
3.50	X	X	1,000	2,000	2,000	2,000	2,000	5,000	5,000	6,000	7,500
4.00	X	X	1,000	1,000	2,000	2,000	2,000	4,000	4,000	5,000	6,000
4.50	X	X	X	1,000	1,000	1,000	2,000	2,000	2,000	4,000	5,000
5.00	X	X	X	1,000	1,000	1,000	1,000	2,000	2,000	2,000	4,000
Shackle Size	4-3/4 t	4-3/4 t	4-3/4 t	6-1/2 t	6-1/2 t	6-1/2 t	6-1/2 t	8-1/2 t	9-1/2 t	12 t	17 t

**GAS**



DYNAMIC RESTRAINT LOADS, TEMPORARY PIPEWORK, PRESSURIZED WITH GAS  
 DYNAMIC LOAD RATED FOR CHOKE / HALF HITCH  
 SUPER CONNECT MODEL NUMBER / PSI

Pipe ID in.	SC01	SC02	SC03	SC04	SC05	SC06	SC07	SC08	SC09	SC10	SC11
1.00	10,000	15,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000
1.50	4,000	6,000	10,000	17,500	20,000	20,000	20,000	20,000	20,000	20,000	20,000
2.00	2,000	2,000	5,000	7,500	12,500	12,500	17,500	20,000	20,000	20,000	20,000
2.50	1,000	1,000	2,000	5,000	6,000	7,500	10,000	15,000	17,500	20,000	20,000
3.00	X	1,000	1,000	2,000	4,000	5,000	6,000	10,000	10,000	12,500	17,500
3.50	X	X	1,000	2,000	2,000	2,000	4,000	6,000	7,500	10,000	12,500
4.00	X	X	X	1,000	2,000	2,000	2,000	4,000	5,000	6,000	7,500
4.50	X	X	X	1,000	1,000	2,000	2,000	2,000	4,000	5,000	6,000
5.00	X	X	X	X	1,000	1,000	2,000	2,000	2,000	4,000	5,000
Shackle Size	4-3/4 t	4-3/4 t	4-3/4 t	6-1/2 t	6-1/2 t	6-1/2 t	6-1/2 t	8-1/2 t	9-1/2 t	12 t	17 t



**NEVER EXCEED THE WORKING LOAD LIMIT.**  
 ALWAYS CHECK THE IDENTIFICATION TAG TO DETERMINE THE SLINGS RATED CAPACITY IS APPROPRIATE FOR THE APPLICATION. RATINGS LISTED ARE VALID FOR NEW SLINGS ONLY. ALWAYS INSPECT BEFORE USE

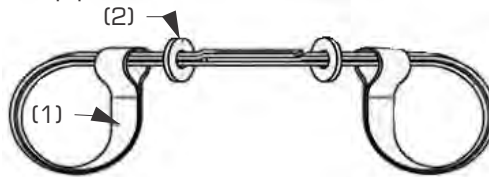
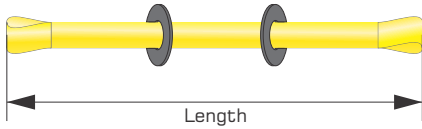
Sling Protection  
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 Towing & Recovery  
 Rope & Cordage

## Web Pipe and Hose Halters

### Temporary Whip Restraints

#### Product details

Help protect your workers from injury and your equipment from damage. To reduce damage and injury to personnel when pipes or hoses accidentally disconnect while under pressure, be sure to use proper Hose Halters™. Suitable for use on pneumatic, water and hydraulic pipes and hoses, these easy to install straps are made from strong, flexible nylon webbing. Slide the rubber grommets (2) to keep choked eyes snug on the hose. The available standard lengths will accommodate pipes and hoses with inside diameters from 1/4" up to 6". Meets both OSHA and Canadian OH&S requirements for restraining devices on pipe and hose connections.



HH430



HH230

Item Code	Length	Hose Inside Diameter							
		1/4"	1/2"	3/4"	1"	2"	3"	4"	6"
<b>Hose Maximum Internal Pressure (PSI) at above Hose I.D.</b>									
HH-130	30"	26,000	6,500	2,900	1,650	400			
HH-140	40"				1,650	400	175	100	
HH-230	30"	52,000	13,000	5,800	3,300	750			
HH-244	44"				3,300	750	350	200	
HH-264	64"					750	350	200	90
HH-330	30"		32,000	14,000	8,100	2,000			
HH-344	44"				8,100	2,000	900	500	
HH-364	64"					2,000	900	500	220
HH-430	30"		42,000	18,000	10,500	2,600			
HH-444	44"				10,500	2,600	1,160	650	
HH-464	64"					2,600	1,160	650	290

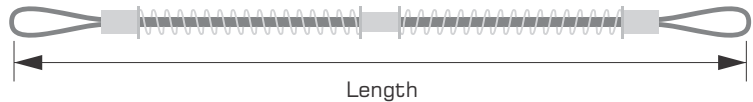
**OSHA 1926.603(a)(10)** states: Safety chains, or equivalent means, shall be provided for each hose connection to prevent the line from thrashing around in case the coupling becomes disconnected.

## Wire Hose Restraints

### Temporary Whip Restraints

#### Product details

**Whip Restraints, hose-hose type** - Made With Galvanized wire rope



Incorrect install



Correct install

Code	Recc Hose Dia.	Length	Wire Rope Dia.	Weight / ea. approx.
	in.	in.	in.	lbs.
WR1822-15	1/2 - 1 1/4	15	1/8	0.16
WR1822-18	1/2 - 1 1/4	18	1/8	0.19
WR1822-20	1/2 - 1 1/4	20	1/8	0.21
WR1822-22	1/2 - 1 1/4	22	1/8	0.23
WR1422-24	1 1/2 - 3	24	1/4	0.91
WR1422-30	1 1/2 - 3	30	1/4	0.92
WR1422-36	1 1/2 - 3	36	1/4	1.22
WR1422-37.5	1 1/2 - 3	37 1/2	1/4	1.26
WR1422-48	1 1/2 - 3	48	1/4	1.50
WR3822-48	3 1/2 - 6	48	3/8	3.00



**Secure Solutions**

# Secure Solutions

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Nisku, Alberta  
Canada, T9E 7N5

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### **Fax**

780-955-7199



**Secure Solutions**  
[info@superslings.ca](mailto:info@superslings.ca)

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Red Deer, Alberta  
Canada, T4P 3R2

### **Phone**

403-406-4996

### **Fax**

403-406-4997

[www.superslings.ca](http://www.superslings.ca)