

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
Lifting Devices
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.



Sling Protection

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The Down Assemblies

The Down Accessories

Towing & Recovery

Rope & Cordage

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 than 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

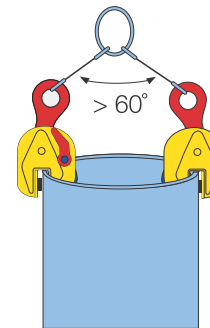
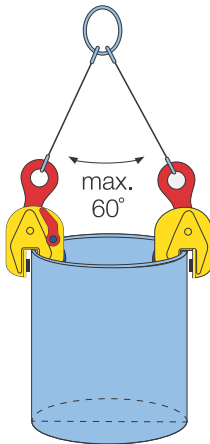
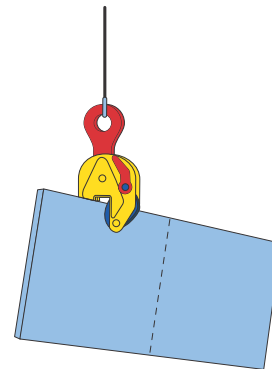
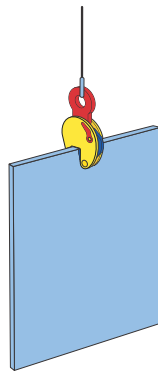
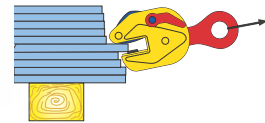
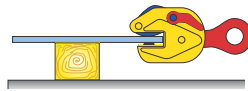
Pipe & Hose Restraints

The Down Assemblies

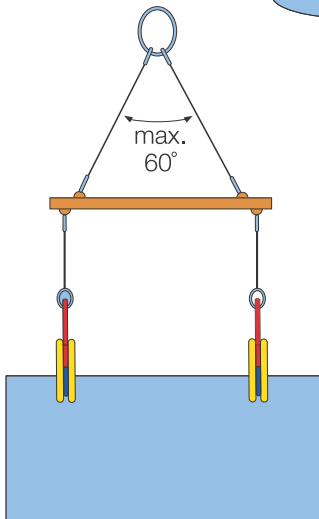
The Down Accessories

Towing & Recovery

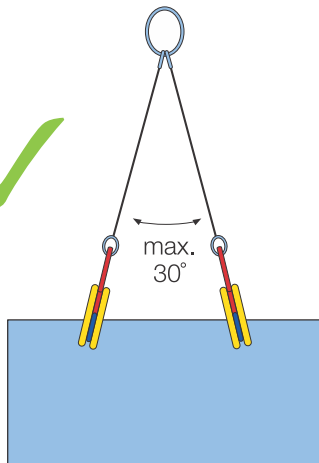
Rope & Cordage



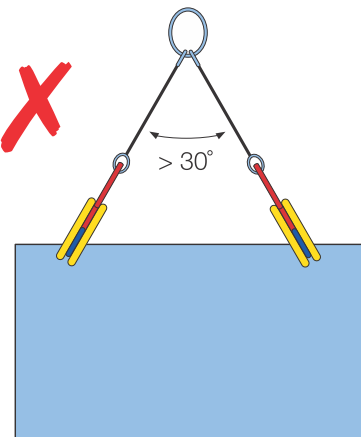
max. 60°



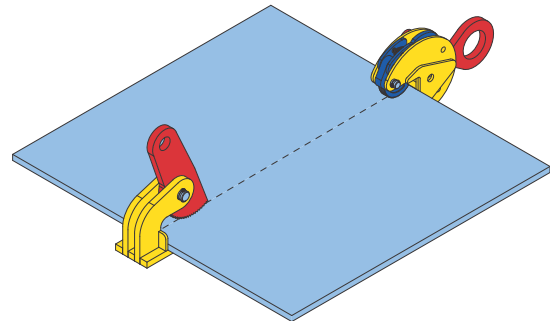
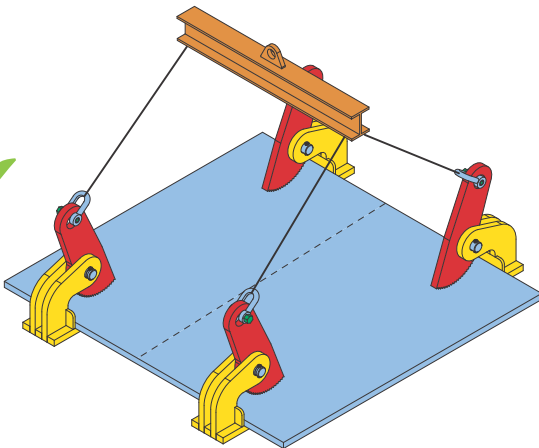
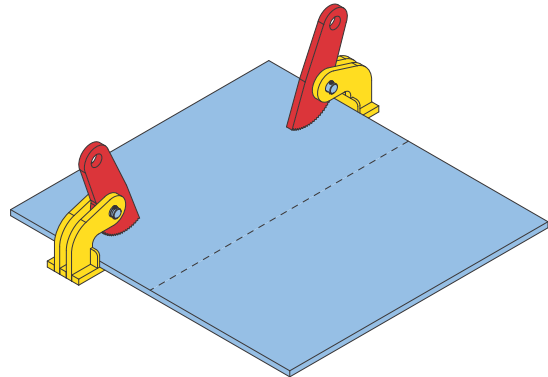
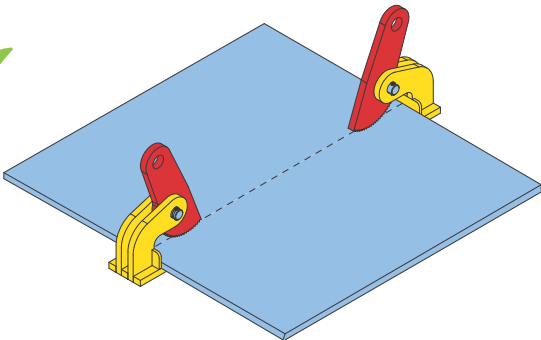
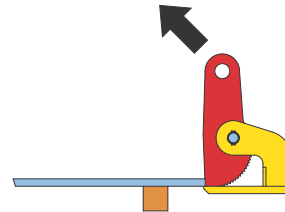
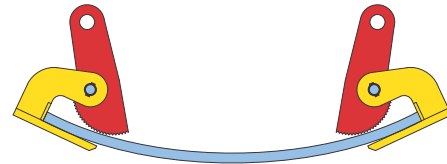
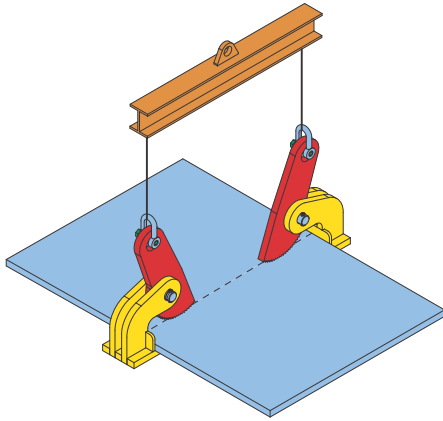
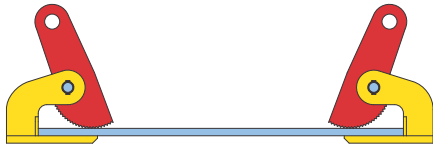
max. 30°



> 30°



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 & Carriage		



TS / TSE / STS Vertical Lifting Clamp

Heavy duty vertical lifting clamp

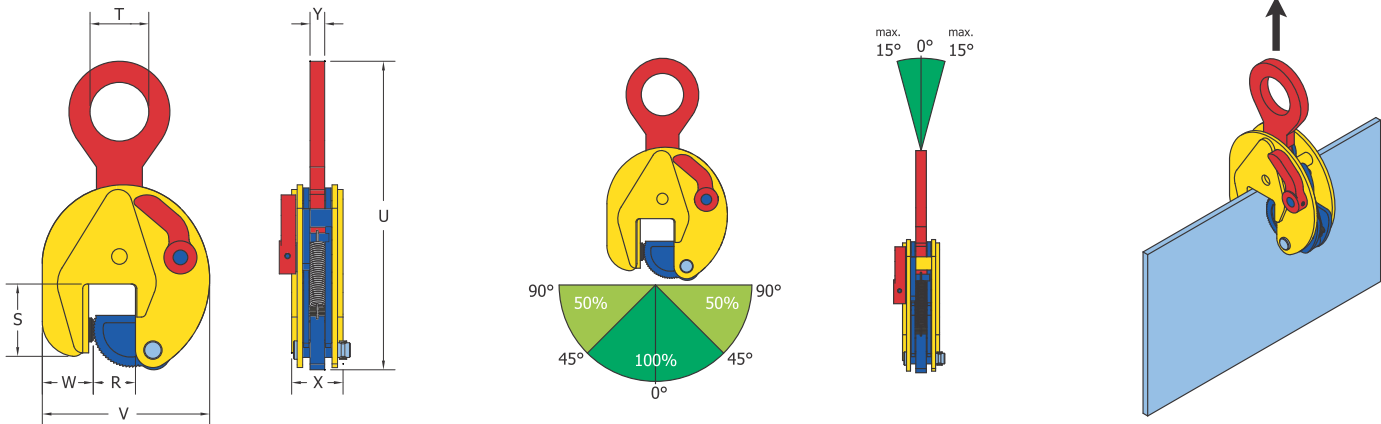
Product details

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

Sling Protection
Web Slings
Round Slings
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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

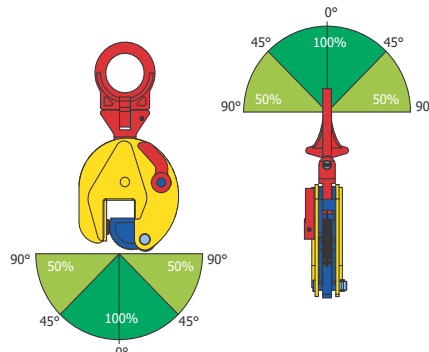
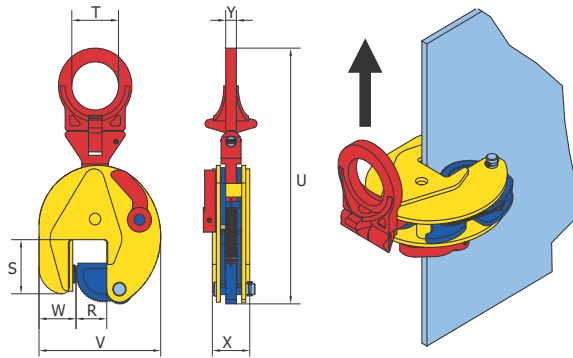
Application

- 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

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HARDOX Vertical Lifting Clamp

Hard Steel vertical lifting clamp

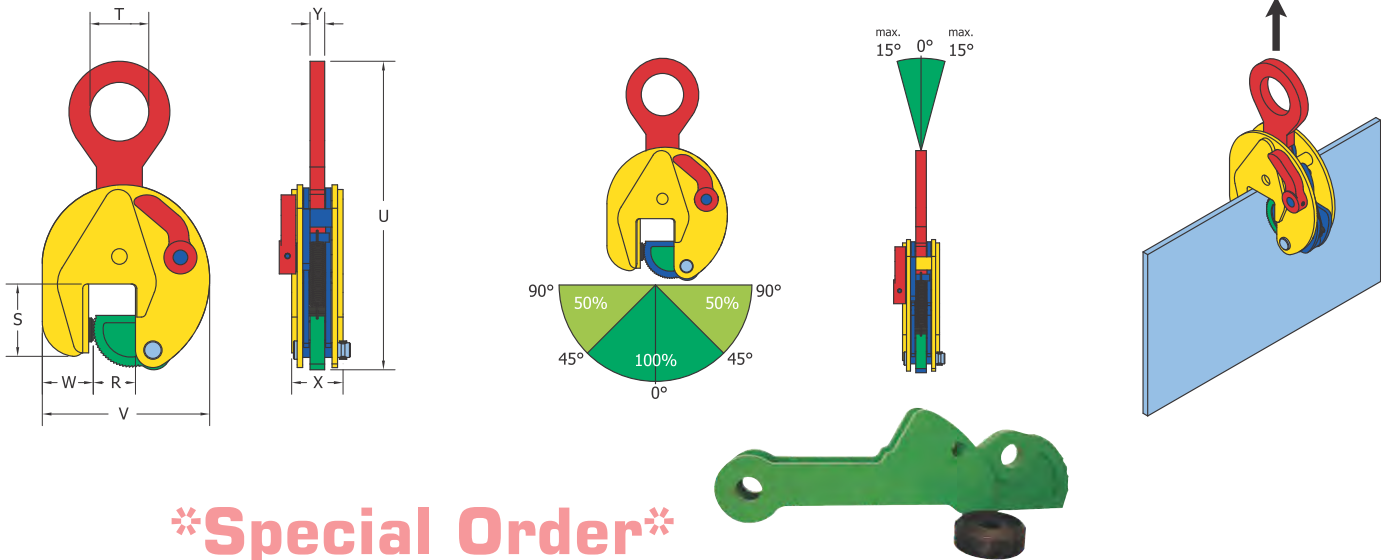
Product details

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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FHX / FHSX Horizontal lifting



Lightweight heavy duty clamp for horizontal lifting

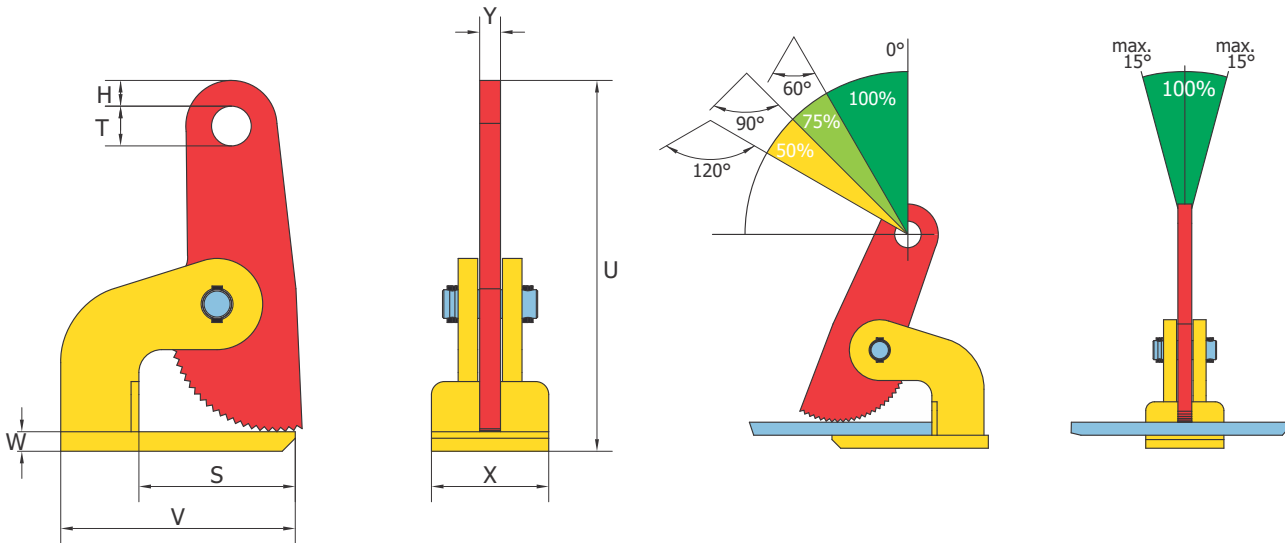
Product details

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

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



TPH / TPH-HD Pipe lifting

Heavy duty clamp for horizontal pipe lifting

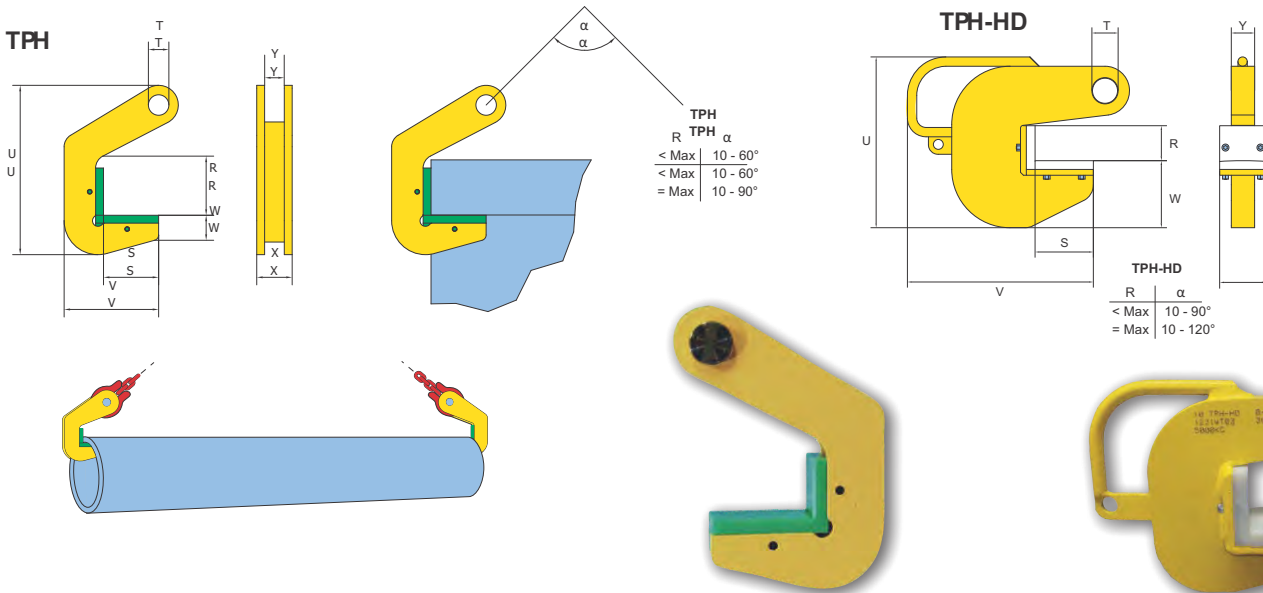
Product details

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



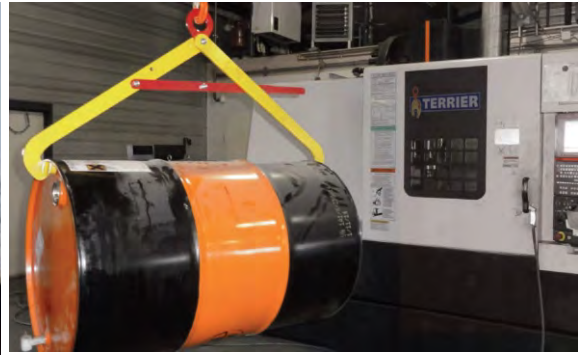
Artikel No.	Model	Capacity (kg)	Jaw-opening (mm)	Dimensions in mm							Weight (kg)
				S	T	U	V	W	X	Y	
850000.5	0.75 TS-H	750	0 - 13	47	30	202	100	37	37	10	1.7
850880.5	1 TSE-H	1000	0 - 25	56	45	263	141	37	47	15	3.5
850901.5	2 TSE-H	2000	0 - 35	78	64	336	183	56	56	16	7
850331.5	3 TSE-H	3000	0 - 35	78	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

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

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 & Cords

Lift it up, Tie it down, Pull it around



For more available models visit www.superslings.ca

- Sling Protection
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- Tie Down Assemblies
- Tie Down Accessories
- Towing & Recovery
- Rope & Cordage



Crosby IP

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

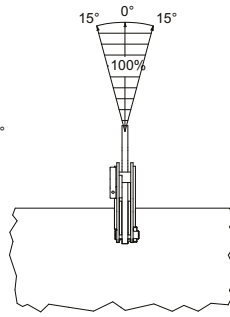
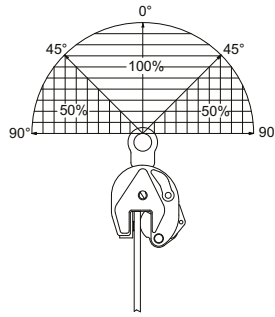
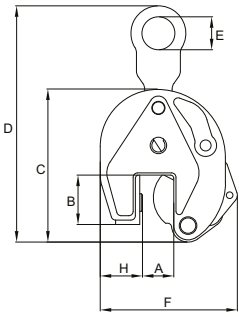
Product details

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

Crosby IPU Universal Vertical Plate Clamps



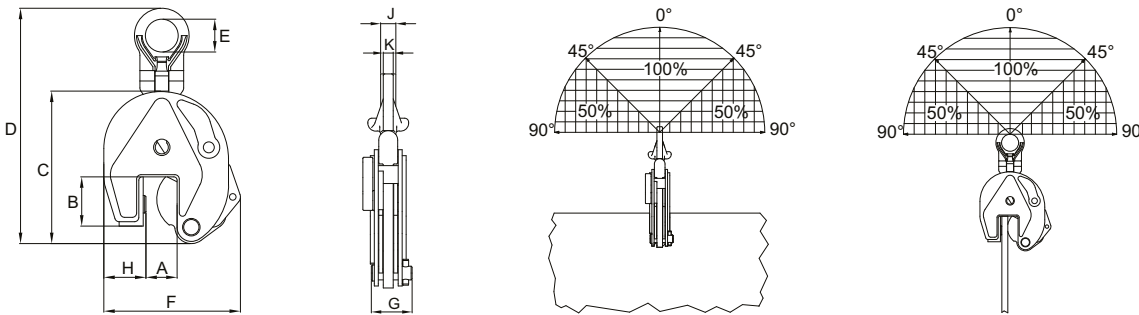
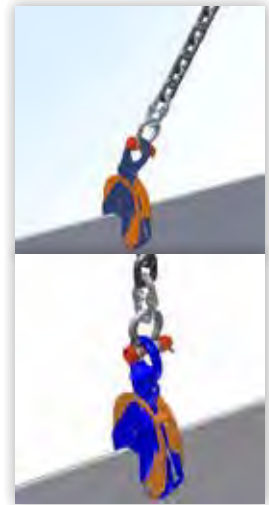
Universal - For Lifting in any Direction Universal Eye

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

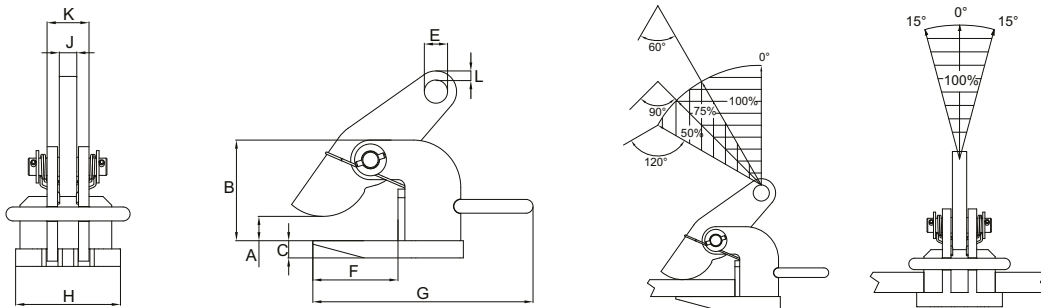


Horizontal Plate Clamp

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

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- Hooks & Links
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- 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

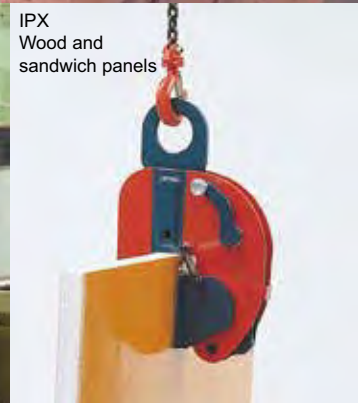


IPSL
Heat-resistant slab clamp (up to 1320 °C)

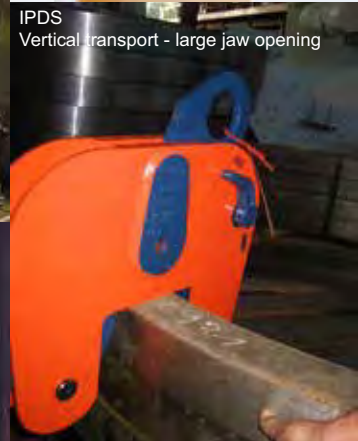


IPX18Z
Lathe clamp

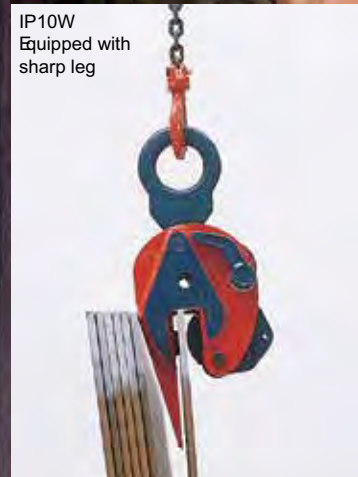
IPX
Wood and
sandwich panels



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
- 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

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

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

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

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

PERCENTAGE OF STATED LIFTING POWER BY SURFACE FINISH

SURFACE FINISH	GROUND SURFACE	100%
	ROUGH MACHINED	100%
	FOUNDRY FINISH	85%
	ROUGH CAST	65%

* 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.



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.



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!

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For full user manual please visit www.superslings.ca

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

DynamicLift™ Magnet

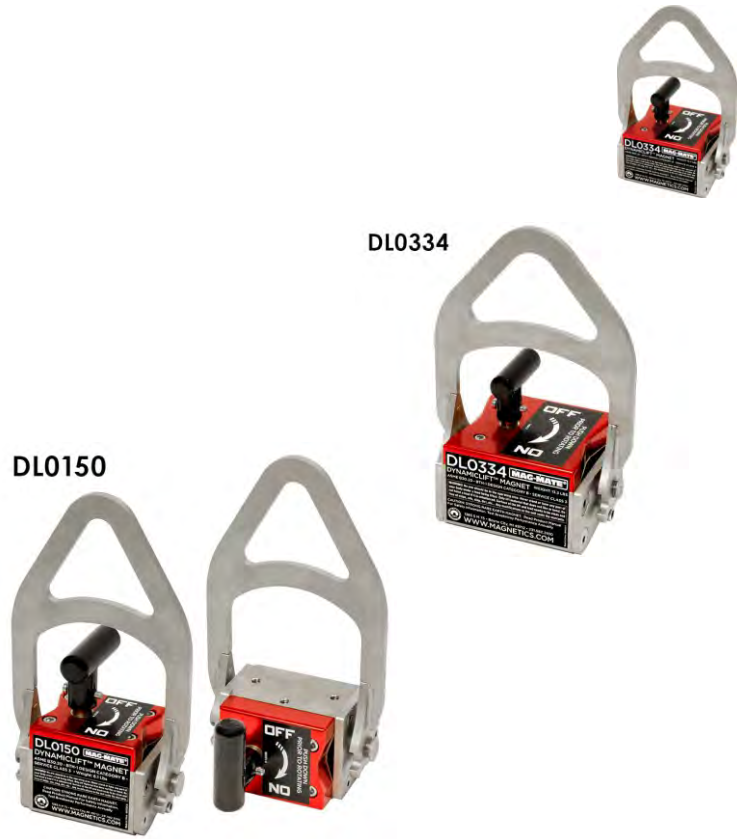
On/Off, Permanent Rare Earth Lifting Magnets

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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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

Lift it up, Tie it down, Pull it around

METALWORKING MAGNETS AND MORE



Magnetic Assemblies, Tools & More



Making Things Better

LIFTING



WELDING

HOLDING



ROBOTICS



FABRICATION



TOOLS



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

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

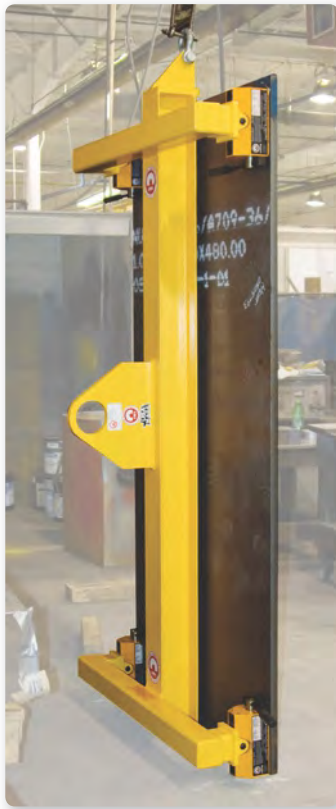
Tie Down Accessories

Towing & Recovery

Rope & Cordage

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.



- Sling Protection
- Web Slings
- Round Slings
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- 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



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

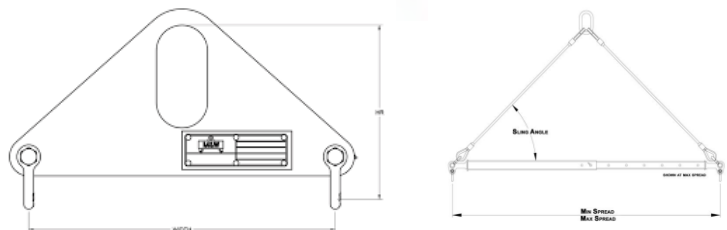
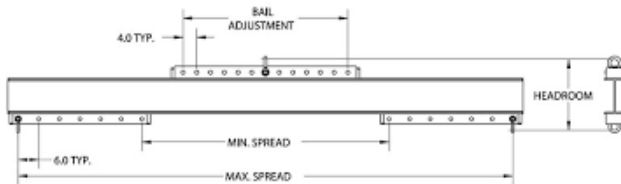
Our staff of professional engineers are skilled at creating custom designed solutions that incorporate the best design practices of today. Our direct involvement with ASME, years and range of experience, and access to the latest technology complete this well-rounded group. We utilize all of these tools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



- Sling Protection
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- Rope & Cordage



Fork Hook Attachments

Forklift Attachments

Product details

Application

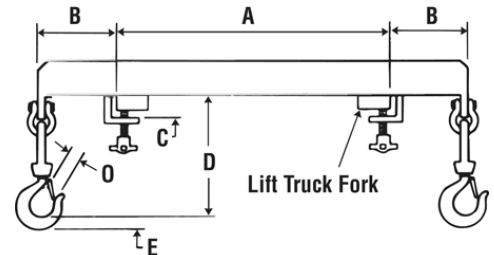
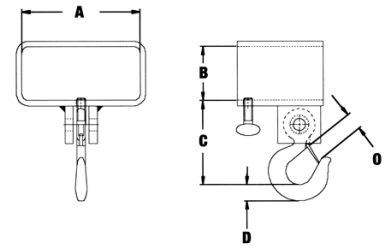
Caldwell Fork Lift Beams are specifically designed to make fork lifts more versatile by providing positive handling of loads otherwise impractical for fork lifts.

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.

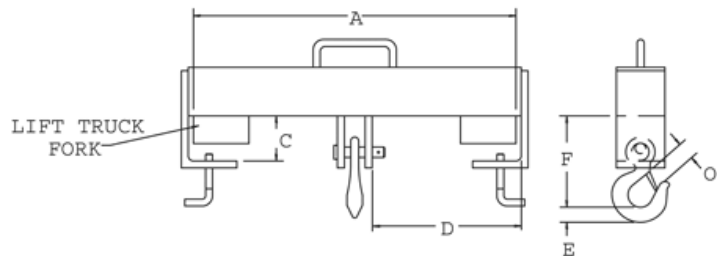
Model 5(s) - Single Fork/Single Hook

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

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

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

Model 17 Adjustable Lifting Beam

Adjustable Lifting Beam

Product details

Application

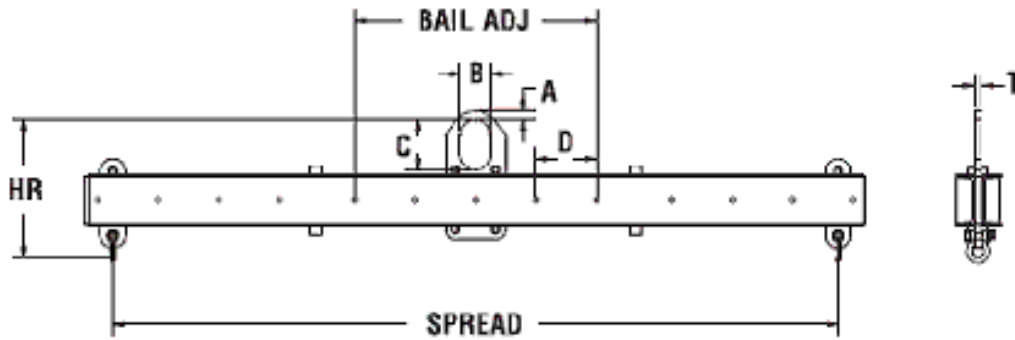
Versatile beam had adjustable spreaders and lifting bail standard to allow for handling of a wide range of loads with a single lifting beam. Product can be used with provided shackles or add optional hooks for increased versatility.

Options:

- OPTION S- Pair of swivel hooks

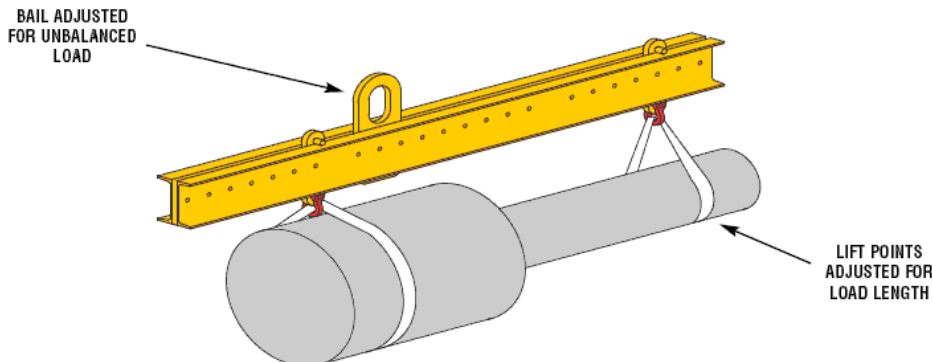
Features and benefits

- 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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- Sling Protection
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- Chain Slings
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- Hooks & Links
- 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

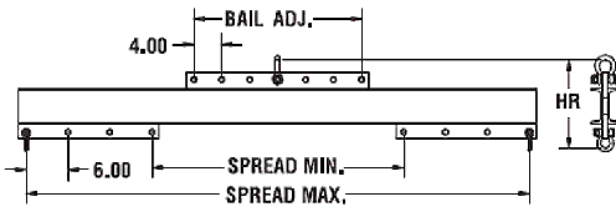
Adjustable bail, adjustable spreads, and the option to add top rigging for additional stability, this is a versatile lifting / spreader beam.

Features and benefits

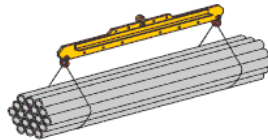
- Has adjustable lifting points.
- Can handle both wide and unbalanced loads.
- Low headroom capability.
- Shackles included.
- Converts to spreader beam with addition of top rigging.
- Optional swivel hooks available.
- Optional chain top rigging available.
- Complies with ASME standards.

Options:

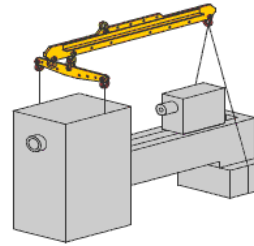
- OPTION S- Pair of swivel hooks
- OPTION C- Chain top rigging
- Cross beams (one or two) specify spread(s), contact Caldwell Applications.



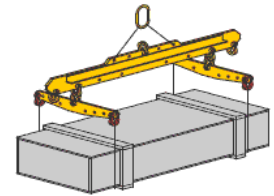
Operation



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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For full user manual please visit 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

Model 18 Fixed Lifting Beam

Fixed Lifting Beam

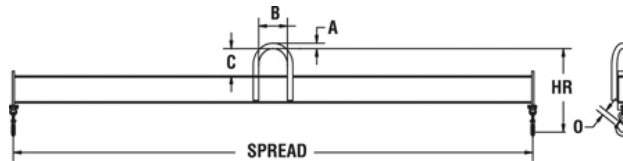
Product details

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

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

Fixed Spreader Beam

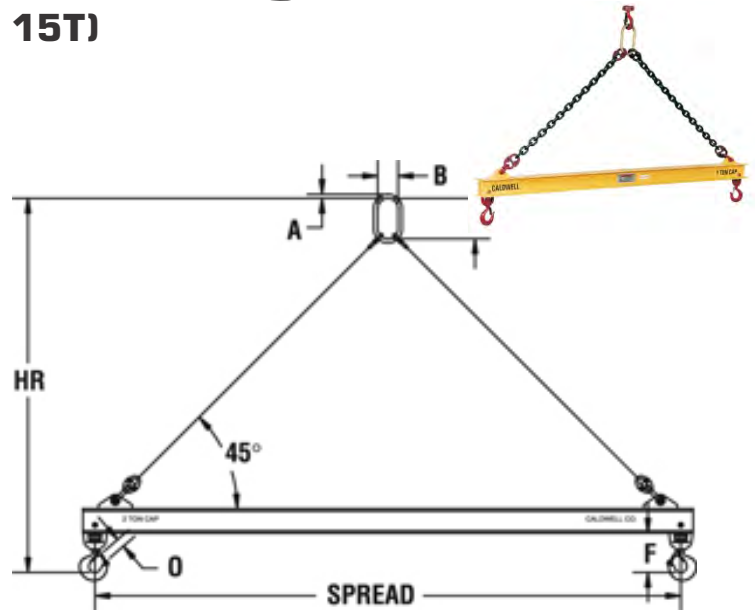
Product details

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

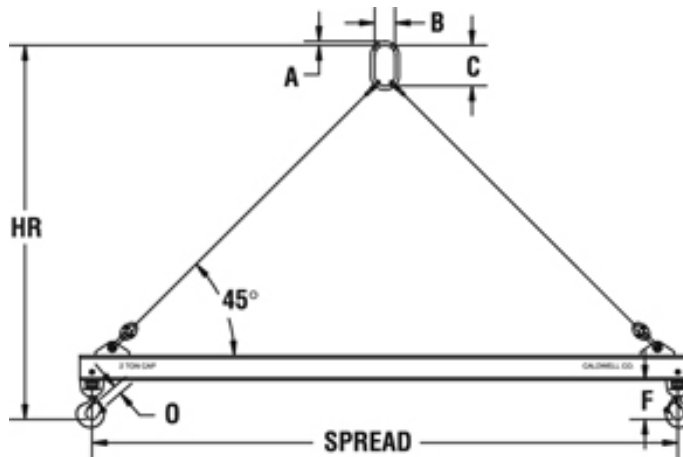
WARNING: NEVER EXCEED WORKING LOAD LIMIT!

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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

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- Hooks & Links
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- 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

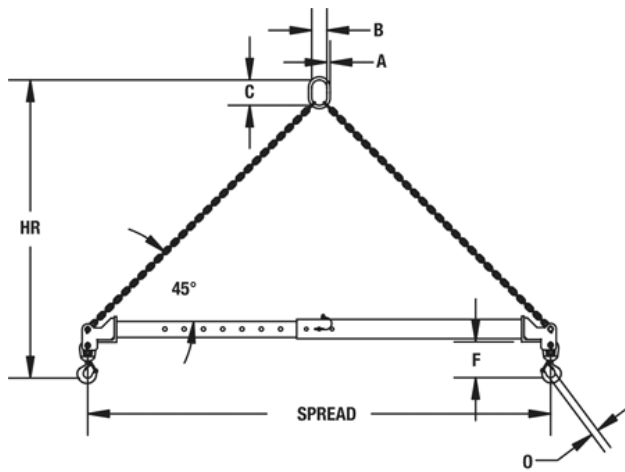
This is a fixed length spreader beam that provides an economical solution, ideal for lifting in/out door applications

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

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Sling Protection
Web Slings
Round Slings
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Lifting Points
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

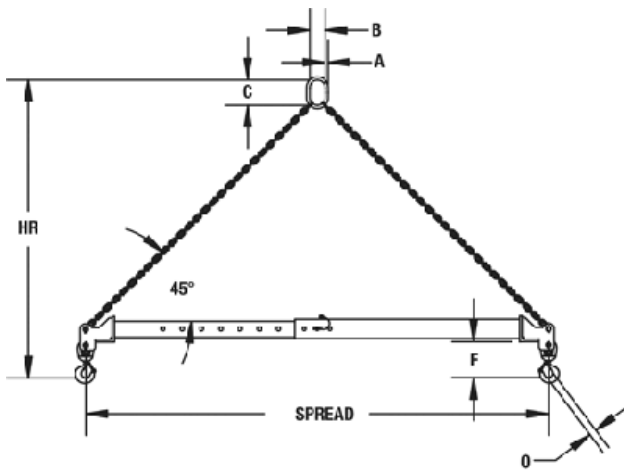
This is a fixed length spreader beam that provides an economical solution, ideal for lifting in/out door applications

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

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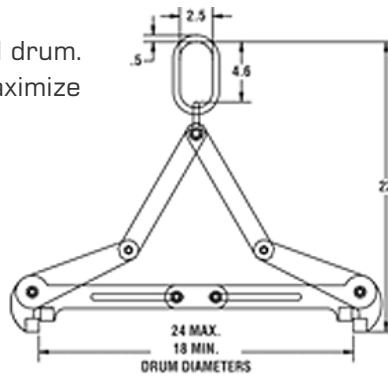
Sling Protection
Web Slings
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Tie Down Assemblies
Tie Down Accessories
Towing & Recovery
Rope & Cordage

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

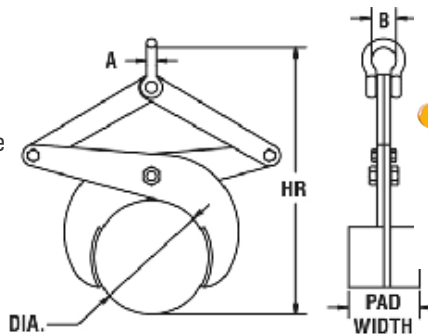
Model Number	Rated Capacity (tons)	Weight (lbs.)
150-1	1	19



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.

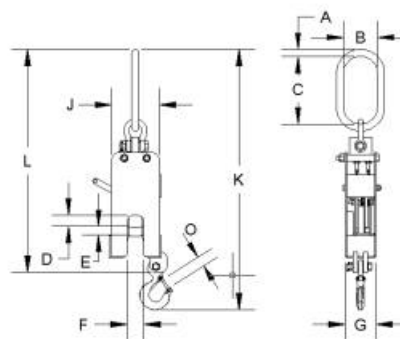


Model Number	Rated Capacity (lbs.)	Bare Steel Range Min. - Max. (in)	Urethane Pad Range Min. - Max. (in)	HR Min. - Max. (in)	Pad Width (in)	A (in)	B (in)	Weight (lbs.)
108-1/2-2/4	1000	2 - 4	1.25 - 3.25	13.46 - 11.78	2.25	0.5	1.31	7
108-1-4/8	2000	4 - 8	3.25 - 7.25	21.06 - 18.70	5	0.5	1.31	18
108-1-7/12	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.

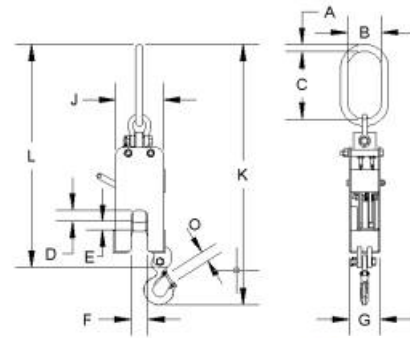


Manual Rig Release

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.

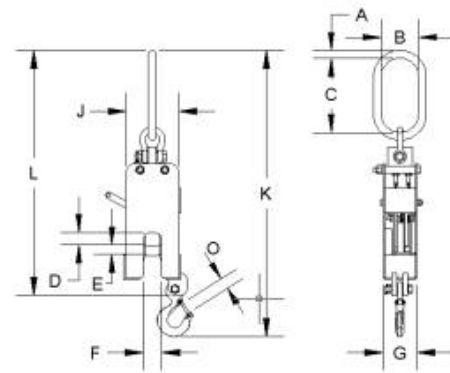


Model Number	Rated Cap.	Dimensions (in)											Weight (lbs)	
		(tons)	D	E	F	G	J	K	L	O	A	B		C
RR-1	1	1.15	.75	1.25	2.77	4.25	23.10	19.75	.89	.63	3.0	6.0	.63	14
RR-2.5	2.5	1.75	1	1.5	4.25	9.56	31.67	26.88	1.09	.63	3	6	.63	45
RR-5	5	1.83	1.5	1.5	5	11.13	36.4	30.75	1.36	2	4	7	1.25	110
RR-10	10	2.25	1.75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

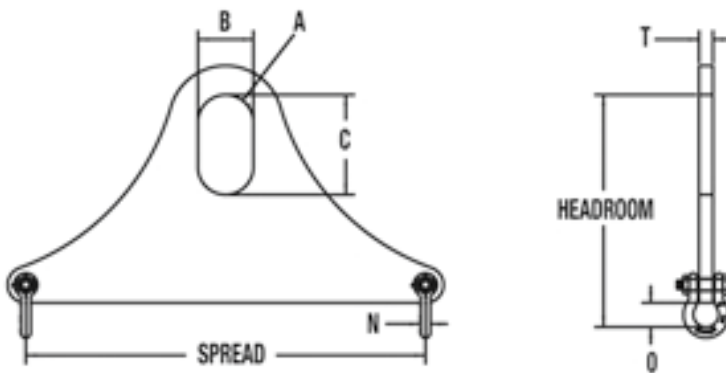
Caldwell Triangle Beams provide a low headroom solution when a short span is all you need to make the connections between the load and the crane. Caldwell Triangle Beams are available in standard capacities from 13 to 149 tons and comply with ASME standards.

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