



Our innovation, your safety



Product Catalogue

Tiger hoisting, winching and height safety ranges

V1 | 2019 | tigerlifting.com

Certification and third party verification



A selection of our certification including ISO 9001 and ISO 14001, SGS third party certificate of compliance, full membership of UK's Lifting Equipment Engineers Association (LEEAA) and SIRA certification for Atex products.

Multi-immersion testing

After successfully completing a series of independent third party verification and testing programmes to established international standards, our latest being 3rd party multi-immersion tests at Catapult ORE in the UK, we are very pleased to be able to state that the SS19 and SS20 range of hoists are fit for use in multi-immersion applications.

The above statement is effective providing the timescales, pre-use testing, maintenance and service requirements as detailed in Tiger document Multi-immersion Instruction Document 201603 are strictly adhered to.

Tiger chain blocks & lever hoists achieve DNV GL third party verification

We're thrilled to announce that Tiger chain blocks and lever hoists (with overload limiters) have been verification tested according to NORSOK R-002. Testing was carried out by DNV GL AS at the company's corrosion and materials technology laboratory in Bergen, Norway. NORSOK R-002 is one of the most prescriptive standards for lifting appliances and lifting accessories, going further than most standards to ensure complete safety in the oil and gas industry. It targets key known failure modes that can be apparent in mass produced branded products.

The scope included:

- Overload protection load tests to maximum permissible load
- Independent testing of the two independent brake mechanisms
- Various load and functional tests
- Tests of chain end connection to minimum chain breaking load

To meet the requirements for extensive corrosion protection (section 5.24) we were able to provide all the necessary manufacturing documentation to achieve verification against this critical part of the standard.

About DNV GL

Driven by its purpose of safeguarding life, property and the environment, DNV GL enables organisations to advance the safety and sustainability of their business. They provide classification and technical assurance along with software and independent expert advisory services to the maritime, oil and gas, and energy industries. They also provide certification services to customers across a wide range of industries. Operating in more than 100 countries, their 16,000 professionals are dedicated to helping their customers make the world safer, smarter and greener.



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The home of ultimate quality, durable and safe products

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 to include high quality height safety hardware products.

We have many close partnerships with successful lifting equipment distributors across the world and as a global innovator and provider we work constantly with customers and key suppliers to continually develop our products and product range.

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.

Our hoisting range includes chain blocks and lever hoists, trolleys, clamps and combination units. We offer a wide range of winches for a variety of applications. Our height safety hardware includes beam anchors, fall arrest block and karabiners. We also offer spark proof, corrosion resistant and bespoke OEM products for special applications.



Global track record and enviable reputation

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 employ over 100 people across our distribution centre located in Europe and our manufacturing plant based in Taiwan.

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

As the manufacturer of our hoisting and winching products, we hold complete technical files to provide full back-up and reassurance on our products' performance and to ensure that advice for our equipment is readily available. We have a wealth of technical expertise to give our customers full product support.



A brand to rely on

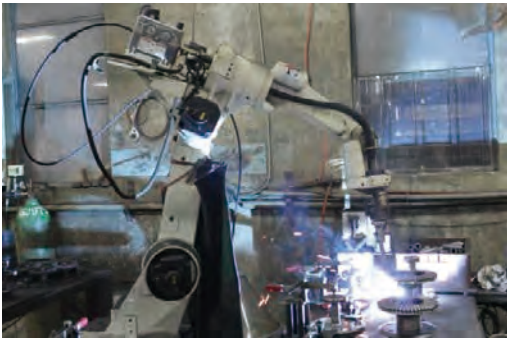
Robust and reliable are phrases synonymous with Tiger Products. They must be, and are, of the highest quality in order to meet the lifting requirements specified by our customers and to operate effectively in the extremely harsh environmental conditions our clients often place them in.

Innovation and client centric focus

Here at Tiger we take great pride in our innovative and client driven engineering background. With over 50 years of professional manufacturing experience, Tiger's commitment to innovation and customer satisfaction mean we will continue to develop our products – and ultimately solutions – for what can be complex scenarios, by communicating and working closely with our customers.

There are many examples of our innovation, improvements and response to client requirements. For example, all gear boxes for Tiger lever hoists have one piece construction pinion gears.

This revolutionary process in gear manufacturing uses drop-forged raw material, precision machined and heat treated with precise ratios between teeth and body providing a more robust and durable design.



The original Brake Hand Winch design was developed by Tiger over 40 years ago. It has certainly stood the test of time, but has also been the focus of recent new development. There is now a dual handle pinion shaft option available on all BHW Brake Hand Winch models, allowing a handle to be fitted on both sides. This has been designed, following customer feedback, for areas with difficult access or situations when the conventional right handed winch handle isn't suitable.

Bespoke project work

We have the facilities, capacity and motivation to not only customise items from our own product collection, but to also create something completely different working to a client's own brief.

We often provide bespoke products for special applications, and are committed to meeting the unique needs and expectations of our customers.

3D product drawings

We can provide 3D drawings of our products for project planning.

Expanding range

We continually increase our range to include products our customers ask for. All products we include are of the highest quality. We aim to offer the best possible selection, service, quality and value without compromising our brand and values.

Spares

Our products are exceptionally engineered, resilient and hardwearing and our clients' ability to service and maintain them is a crucial part of their getting best life-time value from them.

As the original manufacturer we only supply original Tiger replacement parts – all designed to our high engineering standards securing optimum performance and lifespan efficiencies.

Our full range of spares is available from stock so we can remain responsive to your requirements.

Robust and reliable products, constant innovation and patented designs ensure Tiger meets your lifting requirements. We are perfectly positioned to provide best-in-class products to our global customer base.

Our innovation, your safety.

HOISTING

Our range of hoisting equipment is renowned as some of the best in the industry and is the equipment of choice for many quality and safety driven organisations.

Features such as the Quad Cam pawls, centrifugal torsion brake, "EZ Check" hooks, cross-hauling capabilities and load limiters ensure that your safety is never compromised.



Subsea & offshore



Beam clamps



Trolleys



Spark resistant



Lever hoists



Chain blocks



Entertainment rigging



Adaptor hoists

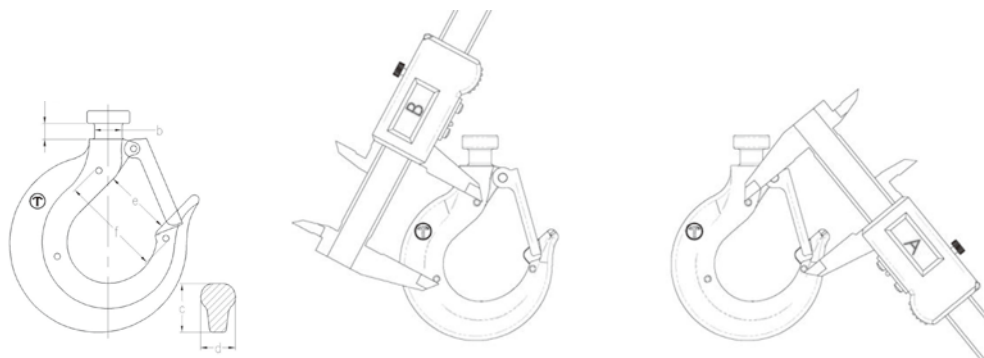


Wire rope pullers



Combination units

Chain blocks and lever hoists



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. With this system a quick check that the A and B measurements are the same (as shown in the diagram above) will indicate if the hooks have stretched: If $A \leq B$ the hook is fine; If $A > B$ the hook needs to be replaced.

They are drop forged and heat treated alloy hooks 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. The entire hook fitting has been protected using OCP or stainless steel fixtures and fittings.

Capacity (Tonnes)	Collar Measurements (mm)	Hook thickness at point shown in diagram (mm)	Hook throat Opening (mm)			“EZ Check” Measurement (mm)
	A	B	C	D	E	F
0.5/0.75	8	13.5	19	15	29	47
0.8/1.0	8	13.5	23	17	34	52
1.5	10	15.5	26	21	39	59
2.0	10	17.5	30	22	42	64
3.0	12.5	20	37	32	42	76
5.0/6.0	19	30	43	36	58	86
8.0	21.7	33	50	43	60	110
10.0	20	33	52	48	70	121
15.0	-	36	67	60	67	130
20.0	-	48	77	72	90	162
30.0	-	56	94	78	102	177

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. Finish: Tiger hoists are finished in our high quality powder coat paint offering excellent corrosion protection.

Load Chains:

Tiger only use the highest quality alloy, calibrated load chains in Grade 80 (T) or 100 (V) conforming to EN818-7 and ISO 16872. Our hoists are also available with stainless steel load chain.

Performance:

Tiger chain blocks and lever hoists have undergone a full test program that includes:

Type Testing

- Ultimate strength test, at least 4 times the Working Load Limit (WLL)
- Continuous cyclic testing of over 1500 cycles
- Chain end anchorage test, passing at least 2.5 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

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.

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

Cross Hauling/Fleeting Operations

Chain blocks and lever hoists fitted with our patent protected Quad Cam brake system have 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 and cross-hauling applications up to 45° without de-rating.

Note: All such operations should be carried out in accordance with manufacturer's instructions and fully risk assessed by a competent person.

Brake Efficiency:

Tiger uniquely uses an 8 point multi start thread pinion shaft which has measurably increased the efficiency in brake reaction times.

Finish:

Tiger hoists are finished in our high quality powder coat paint offering excellent corrosion protection.

Tiger Adaptor Hoists - 360° Rotation and 180° Pivot for Maximum Flexibility


Tiger Adaptor Hoists are available with our drop-forged clevis adaptor allowing for the interchangeable range of EN1677 Tiger grade 100 at 400°C tempered clevis fittings.

The range includes clevis shackles, self-locking (safety) hooks, reeveable egg (master) links and sling hooks. This Tiger manufactured knuckle configuration gives 360° Rotation and 180° Pivot for maximum flexibility, whilst maintaining our 4:1 factor of safety at all angles.

Available for Tiger TCB14/SS20 chain blocks and PROLH/SS19 lever hoists


Quad Cam Brake Design:

Our patented braking system feature has been designed by Tiger to enhance the safety of our lever hoists and chain blocks. This unique design ensures there is always permanent engagement of one of the pawls in the ratchet wheel. The reciprocating action always forces the pawl into the gear even without a pawl spring. This ensures the brake is always fully functional. 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. Our quad cam pawl system is fitted to TCB/SS20 chain blocks and PROLH/SS19 lever hoists.

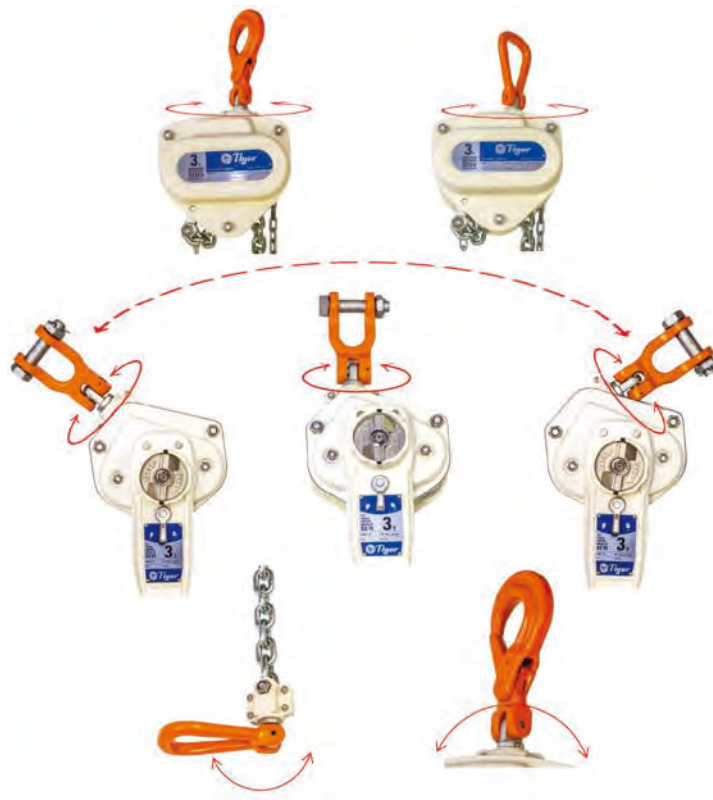
Overload protection:

If the exact load can't be accurately determined then consider using hoists with slipping clutch overload protection. If the chain block or lever hoist 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 or handle to be operated whilst not engaging the gear box. This prevents further lifting of the load, though lowering is still possible. Load limiters can be fitted to TCB/SS20 chain blocks and PROLH/SS19 lever hoists. Tiger chain blocks and lever hoists fitted with overload limiters are DNV GL Verification tested according to NORSOK R-002.



Adaptable chain blocks and lever hoist

360° rotation and 180° pivot for maximum flexibility



- Available for Tiger TCB14/SS20 chain blocks and PROLH/SS19 lever hoists.
- All fittings meet the standards of EN1677 grade 100 at 400°C tempering.
- Drop forged adaptor for maximum strength certified 4:1 FOS at all angles.
- Self-locking (safety) hook, clevis shackle, reeveable egg (master) link or sling hook fitting available.
- Overload protection available.
- For lifting at angles (cross hauling / fleeting / drifting).
- Chain Blocks – 500kg – 10t capacity.
- Lever Hoists – 800kg – 10t capacity.



Additional adaptable fittings for TCB14/SS20 chain blocks and PROLH/SS19 lever hoist

To replace the top hook, bottom hook or both hooks



Clevis Self-locking Hook



Clevis Sling Hook



Clevis Shackle



Clevis Reevable Egg/Master Link



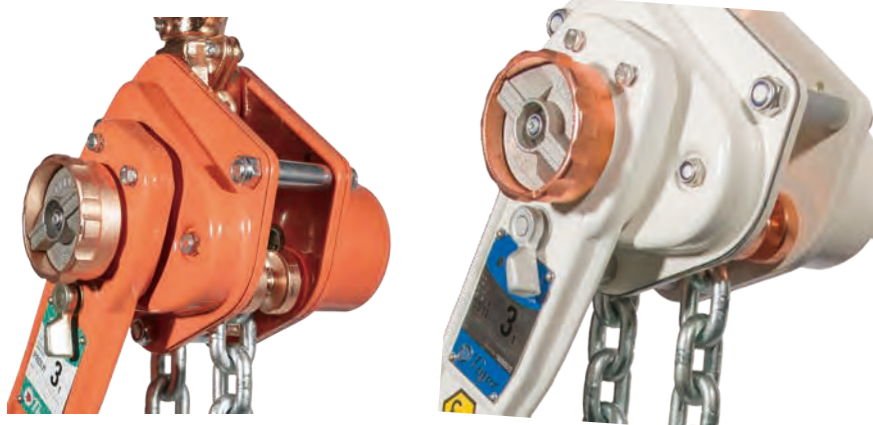
Spark resistant chain blocks and lever hoists

Ex II 2 GD c IIC T4 IIIC T135°C.

In many areas of industry, plants are operated with potentially explosive atmospheres. Due to the very high risk to personal and other assets, extremely strict guidelines and technical requirements are in place in explosive zones. Tiger Spark Resistant products are manufactured in accordance with ATEX Directive 94/9/EC and the Machinery Directive 2006/42/EC. Our products are lightweight and durable with a proven track record.

Atex marking: Ex II 2 GD c IIC T4 IIIC T135°C. Suitable for gas and dust hazardous areas: Zone 1 & 2 (gas) and Zone 21 & 22 (dust).

We can supply chain blocks, lever hoists, beam clamps, trolleys and combination block and trolley units.

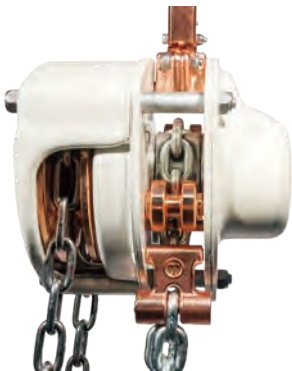


- Category II – high safety – Certification: Ex II 2 GD c IIC T4 IIIC T135°C
- Manufactured in accordance with ATEX Directive 94/9/EC and Machinery Directive 2006/42/EC
- Developed for the use in potentially explosive atmospheres (ATEX zones).
- Special coated units
- Different capacities and heights of lift to suit your specific requirements
- Available with stainless steel load chain
- Available with overload protection

Note: It is the responsibility of the user to identify which explosion proof classification is required, not the hoist manufacturer or supplier.

- Stainless steel hand chain (chain blocks)
- Corrosion protected load chain
- Marine specific friction discs
- Brake chamber protection from outside contamination
- Copper plated suspension and load hooks, load chain guides, grip rings, hand wheels and end anchorage
- Stainless steel fixings and fasteners
- Lever hoist also available using our PROLH unit and standard load chain

Combined chain blocks and trolleys available



Ex II 2 GD c IIC T4 IIIC T135°C

II	2	GD	c	IIC	T4	IIIC	T135°C	
								T135°C Dust Temperature Class: Maximum external surface temperature 135°C
								IIIC Groups of Dust: Protected for group IIIC which includes groups IIIA & IIIB
								T4 Gas Temperature Class: Maximum external surface temperature 135°C
								IIC Gas Explosion Group: Protected for group IIC which includes groups IIA & IIB
								c Protection type: Design safety
								GD Ex Atmosphere: Gas and Dust
								2 Category: High Safety
								II Equipment Group: surface industries

Subsea lever hoist SS19

**The original & proven subsea lever hoist
– constantly developed and improved.**

After years of experience in subsea environment, SS11 has been elevated and upgraded to SS19. The unique design features – including the one piece construction pinion gears and Quad Cam Pawl System – and the anti-corrosion properties incorporated in this range, give it significant safety advantages over standard lever hoists, making the hoist the ideal tool for all marine and extreme applications.

The SS19 range is suitable for use in multi-immersion applications providing the timescales, pre-use testing, maintenance and service requirements as detailed in relevant Tiger documents are strictly adhered to.

This model 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.

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 4 point pinion threads.



The continued development of the SS19 range of Subsea lever hoists is evidence of Tiger's commitment to innovation and customer satisfaction.

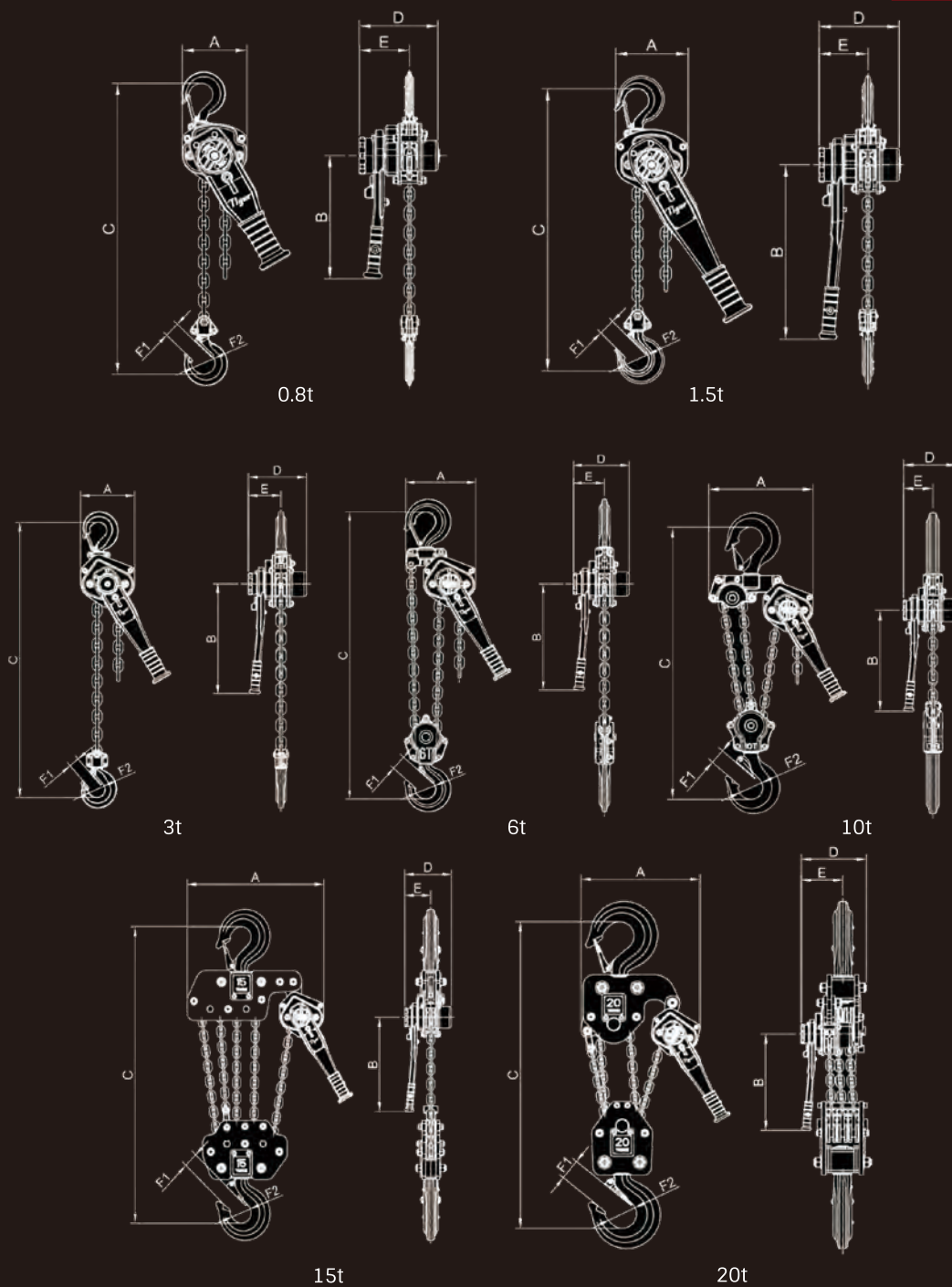
Images above (from left): Tiger have incorporated the ultimate safeguard of a single point failure mode as described in IMCA D028 Rev. 1 Note 7.2 by installing a new specially designed adjustable chain end stop profiled to fit the contours of the hoist body; Unique Torsion Brake System

- Suitable for use in multi-immersion applications
- DNV GL Verification tested according to NORSOK R-002
- Available with slipping clutch overload protection
- Range from 800kg – 20000kg
- Available with forged clevis adaptor components
- Patented Quad Cam Pawl System
- Certified and proven track record
- Equipped with our unique Torsion Brake System
- One piece construction pinion gear
- Marine specific friction discs
- Light load protection at 2% of the rated capacity
- Lifts, holds and lowers the load at 2% of rated capacity

- No requirement for preload tension to activate the ratchet mechanism
- Adaptable to use both inverted and horizontally
- Brake chamber protection from outside contamination
- High performance premium grease
- Stainless steel fixings and fasteners
- Operating temperature range -40°C to +50°C
- Adjustable chain end anchorage specifically designed to the contours of the hoist
- Available with load bearing swivel hooks to meet relevant standards i.e. AS 1418.2
- Also available with stainless steel load chain
- Spark resistant option available (See page 12)



The SS19 meets and exceeds the requirements of IMCA D028 Rev. 1 “Guidance on the use of chain lever hoists in the offshore subsea environment”, as well as other industry client specifications whilst conforming to standards such as BS EN 13157: 2004+A1:2009, ANSI/ASME B30.21-2005, AS1418.2 and SANS 1636.



Product Code	Capacity (tonne)	Effort (kg)	Dimensions (mm)							Load Chain		Standard HOL (m)	Mass @ std HOL (kg)	Mass for extra metre HOL (kg)
			A	B	C	D	E	F1	F2	Diameter (mm)	No. of falls			
SS-0080	0.8	23	128	243	295	158	99	28	45	6.3	1	3	9.0	0.9
SS-0160	1.6	26	154	370	320	172	104	34	51	7.1	1	3	12.5	1.1
SS-0320	3.2	38	182	370	400	195	108	36	56	10.0	1	3	22.0	2.2
SS-0630	6.3	40	242	370	570	195	108	49	70	10.0	2	3	34.5	4.3
SS-1000	10.0	47	379	370	630	195	108	54	87	10.0	3	3	55.0	6.5
SS-1500	15.0	44	566	370	840	195	108	59	81	10.0	5	3	128.0	10.8
SS-2000	20.0	49	470	370	1050	250	160	81	110	10.0	6	3	174.0	13.1

Professional lever hoist

PROLH

The professional's choice incorporating our patented Quad Cam Pawl design and Torsion Brake System.

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.

Like the SS19 range, 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.

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 4 point pinion threads.

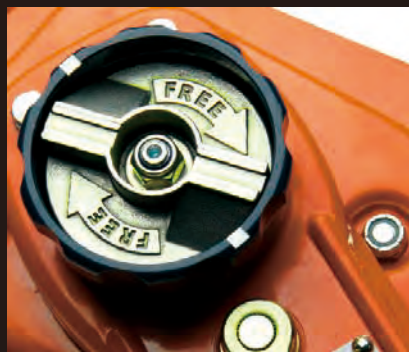
The PROLH is ideally suited for applications in the overhead transmission industry, shipyards and offshore platforms and is also suitable for underground mining use.

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
- Available with slipping clutch overload protection
- Range from 800kg - 20000kg
- Available with forged clevis adaptor components
- Patented Quad Cam Pawl System
- Equipped with our unique torsion brake mechanism
- One piece construction pinion gear
- Light load tested and certified at 2% of the rated capacity
- Adaptable to use both inverted and horizontally
- Individual spares readily available
- Operating temperature of -40°C to +50°C
- All major parts are heat treated and precisely machined
- Finished in high quality powder coat paint offering excellent corrosion protection
- Can be chained up to meet your exact requirements
- Also available with stainless steel load chain or spark resistant hooks
- Available with load bearing swivel hooks to meet relevant standards



Patented Quad Cam Pawl System



Unique Torsion Brake System

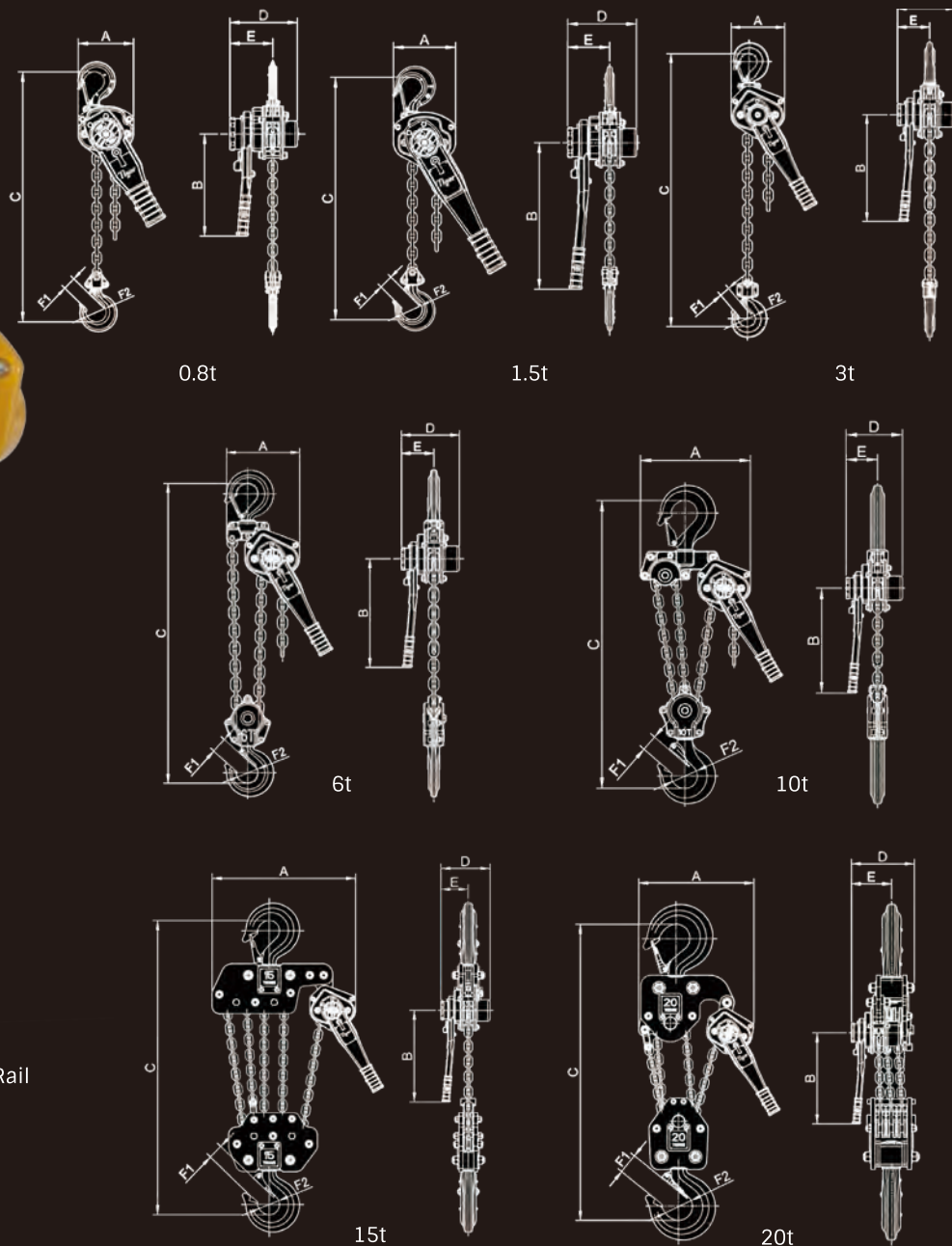


Chain stripper specifically designed to guide the load chain safely onto or off the load sheave without snagging or jamming, allowing safe use in any orientation



Our PROLH lever hoist has UK Network Rail
PADS Certification

Certificate of Acceptance PA05/06651



Product Code	Capacity (tonne)	Effort (kg)	Dimensions (mm)							Load Chain		Standard HOL (m)	Mass @ std HOL (kg)	Mass for extra metre HOL (kg)
			A	B	C	D	E	F1	F2	Diameter	No. of falls			
PLH-0075	0.8	23	128	236	295	158	99	28	45	6.3	1	1.5	7.5	0.9
PLH-0150	1.5	26	154	360	320	172	104	34	51	7.1	1	1.5	10.5	1.1
PLH-0300	3.0	38	182	360	400	195	108	36	56	10.0	1	1.5	18.0	2.2
PLH-0600	6.0	40	242	360	570	195	108	49	70	10.0	2	1.5	28.5	4.3
PLH-1000	10.0	47	379	360	630	195	108	54	87	10.0	3	1.5	46.0	6.5
PLH-1500	15.0	44	566	360	840	195	108	59	81	10.0	5	1.5	112.0	10.8
PLH-2000	20.0	49	470	360	1050	250	160	81	110	10.0	6	1.5	156.0	13.1

Industrial lever hoist TLH

Lightweight, compact and rugged

The TLH 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. The hoist is finished in our high quality powder coat paint offering excellent corrosion protection. This all ensures the TLH is the ideal hoist for long-term use with less maintenance and servicing costs.

The strong impact resistant gearbox housing, complete with close tolerance fit bearings that fully support the pinion shaft and planet gears, maintains smooth revolutions whilst under load. High gear ratios keep physical effort to a minimum. This provides maximum mechanical efficiency.

The user friendly heavy duty end stops make it easy for the operator to position the chain whilst "freewheeling" but most importantly gives complete compliance to all known standards.

These units meet and exceed all the requirements within BS EN 13157: 2004+A1:2009, ANSI/ASME B30.21, AS1418.2 and SANS 1636.

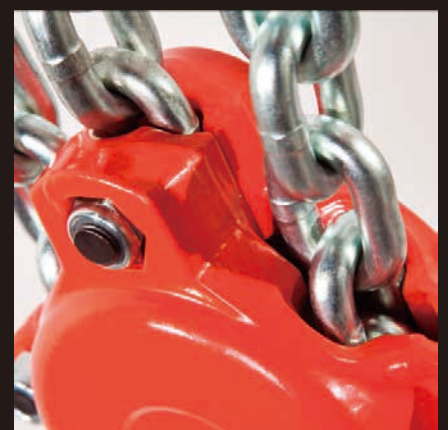
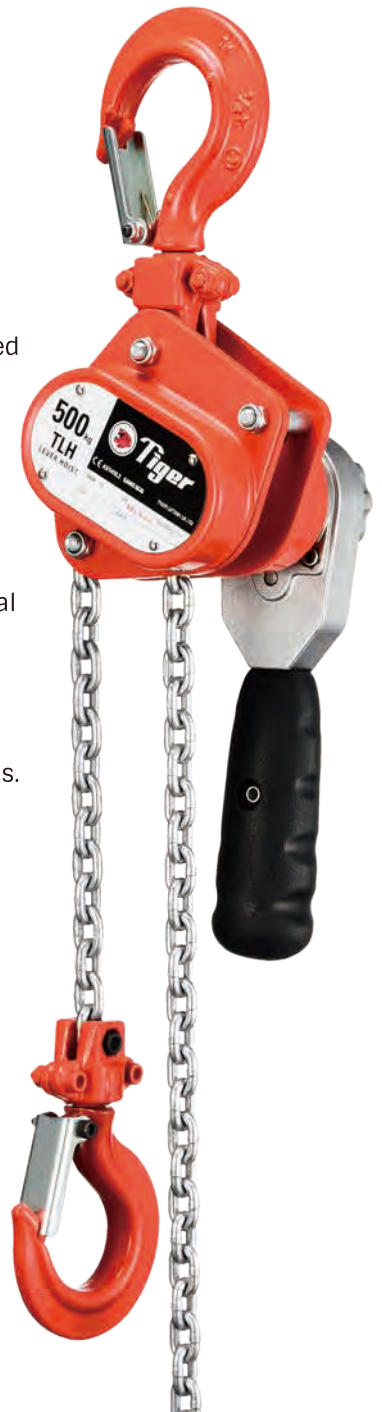
Images below (from left)

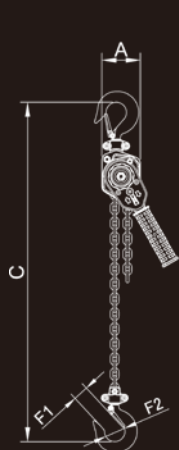
Our 250kg and 500kg come with useful belt bags;

Heavy duty end stop holds a load of at least 2.5 times the rated capacity meeting the requirements of BS EN 13157:2004;

Recessed forgings offer full protection to the load chain anchor bolts on all our bottom hooks. Load sheave protected design on all multi-fall hooks.

Background image actual size

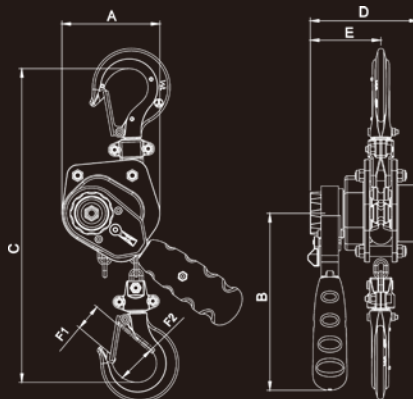




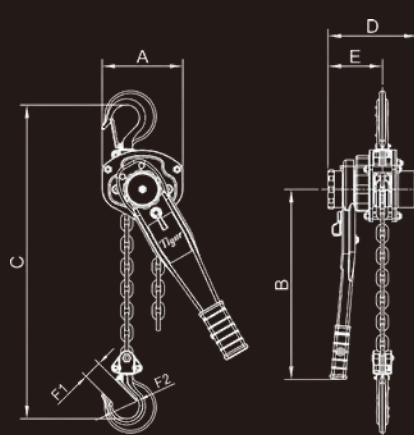
0.25t



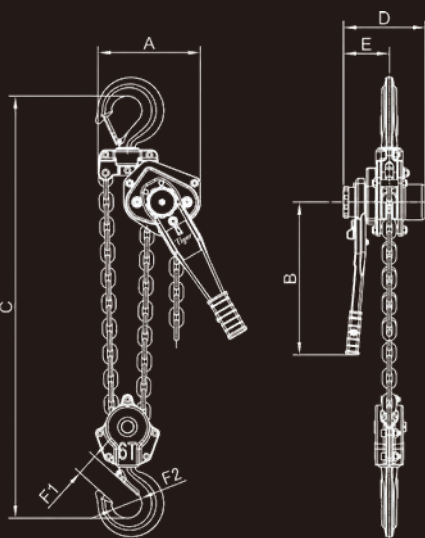
0.5t



0.75t-3t



6t



10t

- Range from 250kg –10000kg
- Rugged steel body construction
- Lightweight and portable
- 360 degree handle rotation
- Short stroke and low lever pulling effort
- Easy single-hand “freewheeling” operation
- Safe reliable twin pawl mechanical brake
- Guaranteed light load protection
- Heat treated alloy steel triple spur gears and pinion shaft
- Heavy duty chain end stop
- Operating temperature of -40°C to +50°C
- 1.5m height of lift as standard but can be chained to exact requirements
- Individual spares readily available
- Also available with stainless steel load chain
- Available with load bearing swivel hooks to meet relevant standards i.e. AS 1418.2

Product Code	Capacity (tonne)	Effort (kg)	Dimensions (mm)							Load Chain		Standard HOL (m)	Mass @ std HOL (kg)	Mass for extra metre HOL (kg)
			A	B	C	D	E	F1	F2	Diameter	No. of falls			
LH-0025	0.25	30	60	156	245	82	63	22	31	4.0	1	1.5	2.0	0.3
LH-0050	0.5	30	94	156	280	103	67	24	38	4.0	1	1.5	3.0	0.3
LH-0075	0.75	23	128	240	275	158	99	24	38	6.3	1	1.5	7.5	0.9
LH-0150	1.5	26	154	360	320	172	104	34	51	7.1	1	1.5	10.0	1.1
LH-0300	3.0	38	182	360	400	195	108	36	56	10.0	1	1.5	18.0	2.2
LH-0600	6.0	40	242	360	570	195	108	49	70	10.0	2	1.5	29.5	4.3
LH-1000	10.0	47	379	360	630	195	108	54	87	10.0	3	1.5	46.0	6.5

Lever Hoists with Shipyard Hooks

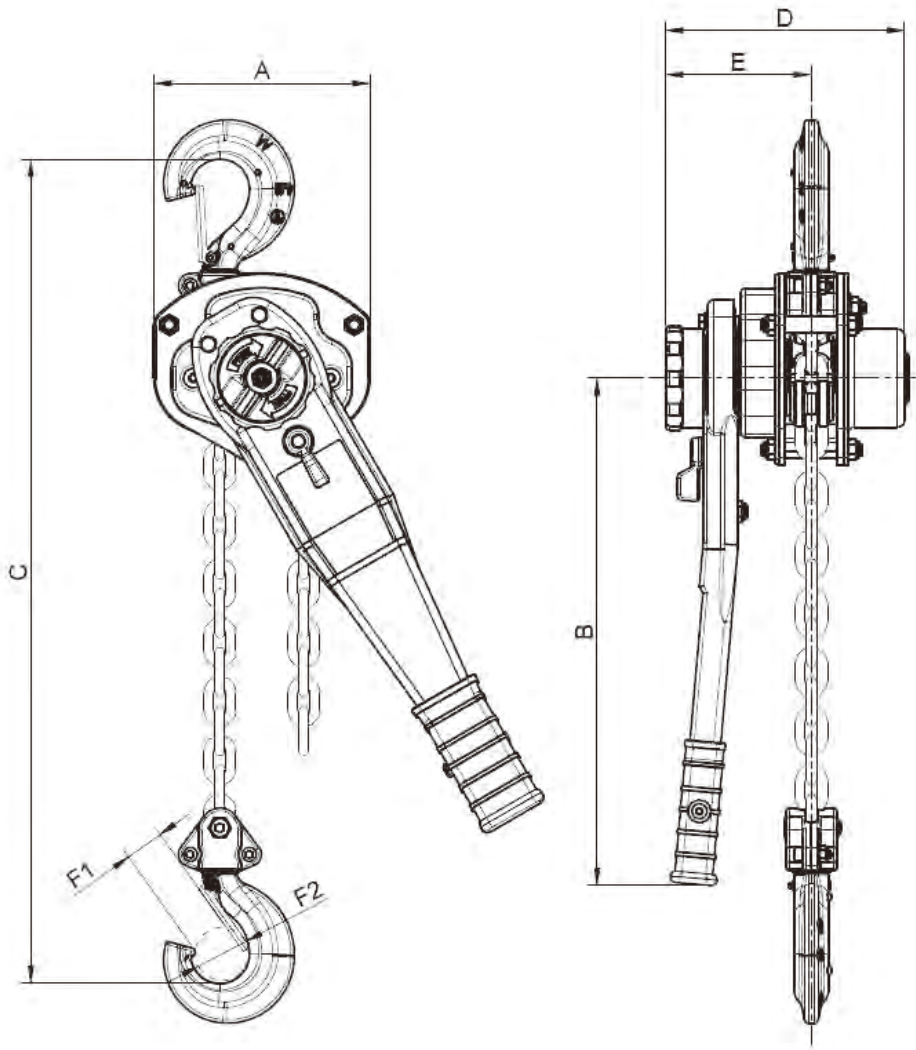
PROLH lever hoists incorporate many of the advanced safety features that Tiger has developed including one piece construction pinion gears and our patented Quad Cam Pawl System. These units meet and exceed all the requirements within BS EN 13157: 2004+A1:2009, ANSI/ASME B30.21, AS1418.2 and SANS 1636. The PROLH is ideally suited for applications in the overhead transmission industry, shipyards and offshore platforms and is also suitable for underground mining use.

Shipyard hooks are available in 1.6t & 3.2t capacities. They are optional top or bottom hooks that are designed specifically for Tiger lever hoist applications where point loading of the hook is possible.

Our drop forged and heat treated alloy shipyard hooks are furnished with heavy duty spring latch kits. 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. Our hooks incorporate our "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.



Product Code	Capacity (tonne)	Effort (kg)	Dimensions (mm/0							Load Chain		Standard HOL (m)	Mass @ std HOL (kg)	Mass for extra metre HOL (kg)
			A	B	C	D	E	F1	F2	Diameter (mm)	No. of falls			
PLH-0160	1.6	26	154	360	320	172	104	27	38	Ø7.1	1	1.5	10.5	1.1
PLH-0320	3.2	38	182	360	420	195	108	38	50	Ø10.0	1	1.5	18.0	2.2



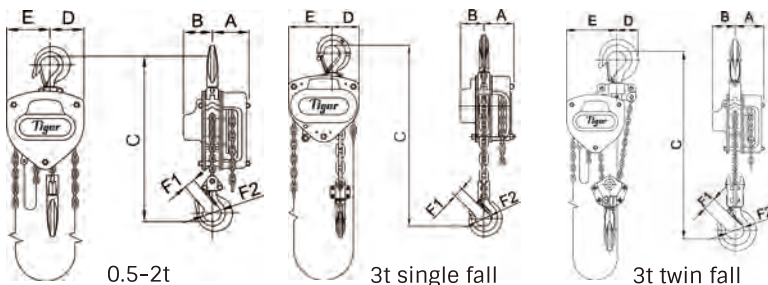
Chain block TCB

The TCB is manufactured from the highest quality steel materials, offering a lightweight, compact and rugged construction, producing an exceptionally strong product resistant to impact damage. The exceptional short head room allows for easy installation where every centimetre must be achieved. Using only the highest quality materials precisely machined in our own factory, the TCB is the ideal block for long term use with less maintenance and servicing costs. These units meet and exceed all the requirements within BS EN 13157:2004+A1:2009, ANSI/ASME B30.16, AS1418.2 and SANS 1594.



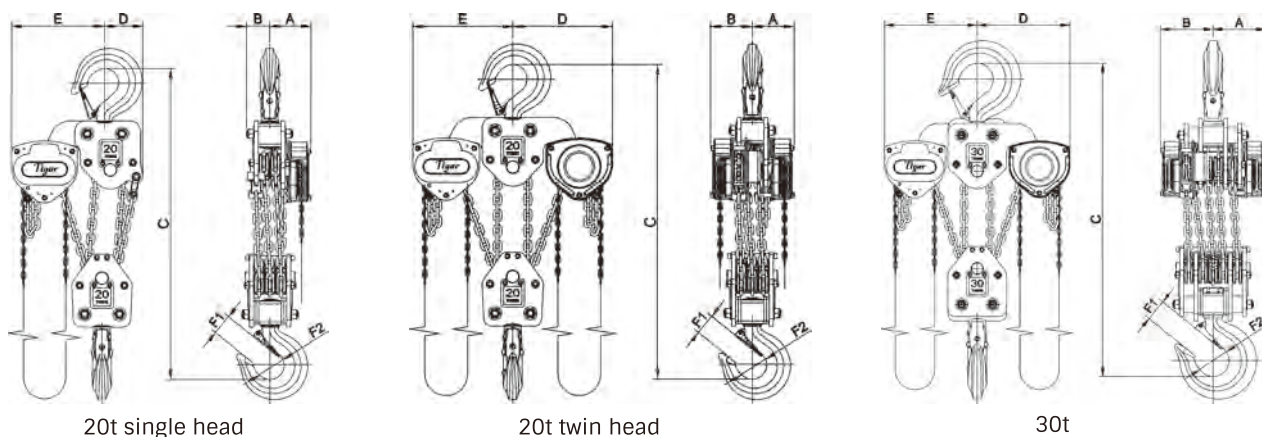
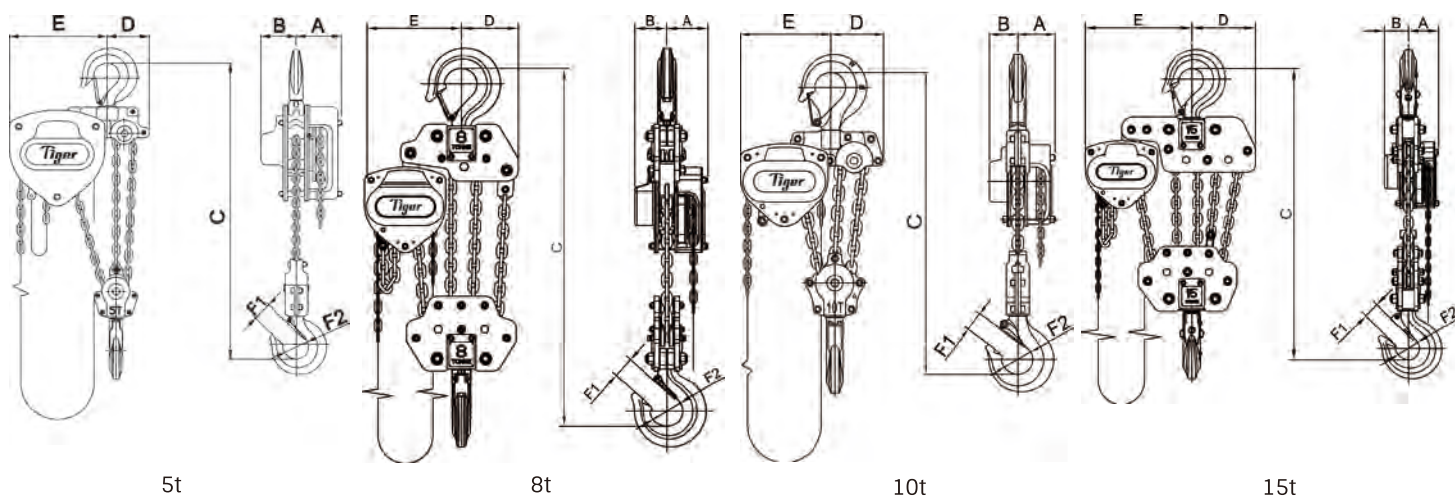
Images above from left:

Optional chain carrier;
Strong and contoured chain end anchor 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. This prevents accidents, by acting as a stop when the lift length of the load chain is exceeded when lowered.




- DNV GL Verification tested according to NORSOK R-002
- Range from 500kg –30000kg
- Available with forged clevis adaptor components
- Patented Quad Cam Pawl System
- Certified 2% light load protection
- Rugged steel body construction
- Lightweight and portable
- Double cover protection for brake chamber
- Heat treated alloy steel triple spur gears and pinion shaft
- Operating temperature of -40°C to +50°C
- Can be chained to meet your exact requirements
- Individual spares readily available
- Suitable for underground mining use
- Tested and certified for “fleeting” and “cross-hauling” applications up to 45°
- Overload protection available
- Also available with stainless steel load chain
- Available with load bearing swivel hooks to meet relevant standards i.e. AS 1418.2

Product Code	Capacity (tonne)	Effort (kg)	Dimensions (mm/0							Load Chain		Standard HOL (m)	Mass @ std HOL (kg)	Mass for extra metre HOL (kg)
			A	B	C	D	E	F1	F2	Diameter (mm)	No. of falls			
CB-0050	0.5	21	93	66	305	52	78	24	38	Ø6.3	1	3	10.5	1.9
CB-0100	1.0	25	93	66	340	63	87	28	45	Ø6.3	1	3	11.5	1.9
CB-0150	1.5	32	98	73	385	78	102	34	51	Ø7.1	1	3	16.0	2.1
CB-0200	2.0	34	101	79	420	87	113	35	53	Ø8.0	1	3	20.0	2.4
CB-020L	2.0	42	98	73	399	78	102	35	53	Ø7.1	1	3	16.5	2.1
CB-0300	3.0	38	109	84	550	98	157	36	56	Ø10.0	1	3	30.5	3.2
CB-030T	3.0	34	98	73	465	60	148	36	56	Ø7.1	2	3	23.0	3.2
CB-0500	5.0	37	101	79	575	122	209	49	70	Ø8.0	3	3	37.5	5.2
CB-0800	8.0	37	101	79	745	140	238	51	78	Ø8.0	4	3	64.0	6.6
CB-1000	10.0	40	109	84	660	153	263	54	87	Ø10.0	3	3	64.0	7.5
CB-1500	15.0	41	109	84	840	225	378	59	81	Ø10.0	5	3	128.5	11.8
CB-2000	20.0	43	161	90	1050	148	360	81	110	Ø10.0	6	3	178.5	14.2
CB-200T	20.0	43	161	161	1050	383	383	81	110	Ø10.0	6	3	210.5	15.2
CB-3000	30.0	42	220	220	1200	388	388	91	135	Ø10.0	10	3	307.0	23.8



Corrosion resistant chain block SS20

With the advantages of having been fully protected against corrosion, the SS20 is the ideal block for salt water use with less maintenance and servicing costs. These units meet and exceed all the requirements within BS EN 13157:2004+A1:2009, ANSI/ASME B30.16, AS1418.2 and SANS 1594.

- Suitable for use in multi-immersion applications
- DNV GL Verification tested according to NORSOK R-002
- Available with slipping clutch overload protection
- Range from 500kg - 30000kg
- Over 1000 hours continuous protection
- Corrosion protected load and hand chain
- Marine specific friction discs
- Available with forged clevis adaptor components
- Rugged steel body construction
- Lightweight and portable
- Double cover protection for brake chamber
- Stainless steel fixings and fasteners
- Patented Quad Cam Pawl System
- Guaranteed 2% light load protection
- Heat treated alloy steel triple spur gears and pinion shaft
- -40°C to +50°C Operating temperature range
- Can be chained to any height of lift to meet your exact requirements
- Marine chain bags available on request
- Individual spares readily available
- Also available with stainless steel chain
- Spark resistant option available (See page 13) 
- Available with load bearing swivel hooks to meet relevant standards i.e. AS 1418.2

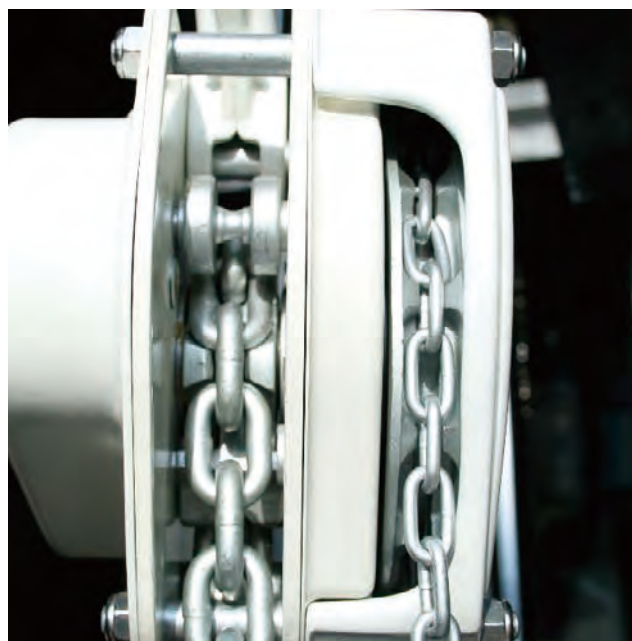


Product Code	Capacity (tonne)	Effort (kg)	Dimensions (mm)							Load Chain		Standard HOL (m)	Mass @ std HOL (kg)	Mass for extra metre HOL (kg)
			A	B	C	D	E	F1	F2	Diameter (mm)	No. of falls			
SCB-0050	0.5	21	93	66	305	52	78	24	38	6.3	1	3	10.5	1.9
SCB-0100	1.0	25	93	66	340	63	87	28	45	6.3	1	3	11.5	1.9
SCB-0150	1.5	32	98	73	385	78	102	34	51	7.1	1	3	16.0	2.1
SCB-0200	2.0	34	101	79	420	87	113	35	53	8.0	1	3	20.0	2.4
SCB-0300	3.0	38	109	84	550	98	157	36	56	10.0	1	3	30.5	3.2
SCB-0500	5.0	37	101	79	575	122	209	49	70	8.0	3	3	37.5	5.2
SCB-1000	10.0	40	109	84	660	153	263	54	87	10.0	3	3	64.0	7.5
SCB-1500	15.0	41	109	84	840	225	378	59	81	10.0	5	3	128.5	11.8
SCB-2000	20.0	43	161	90	1050	148	360	81	110	10.0	6	3	178.5	14.2
SCB-3000	30.0	42	220	220	1200	388	388	91	135	10.0	10	3	307.0	23.8

Please see page 23 for technical drawings



Recessed forgings offer full protection to the load chain anchor bolts on all our bottom hooks. Load sheave protected design on all multi fall hooks.



Unique corrosion protection of all the internal parts including load and hand chain, ensuring over 1000 hours continuous protection under ASTM B117 Salt spray conditions.

More features of TCB & SS20 chain blocks

Convertibility: The TCB/SS20 chain block top hook can be replaced by a competent person so the block can be directly fitted to our beam trolley range of the equivalent capacity achieving the lowest possible headroom.

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. Tiger chain blocks easily pass the brake lock out test as per BS 3243:1990 with a 2% load of the rated capacity.



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.

ROV compatible chain block



The Tiger ROV compatible chain block is available in various different interface options all in accordance with BS ISO 13628-8:2002 ROV Interfaces on Subsea production systems. Tested and finished in accordance with Annexes B & K of BS ISO 13628-1:2005:

1. Hydraulic Hot Stab connection type A and B
2. Rotary Torque Receptacle Classes 1,2 & 3
3. D Handle, T-bar or Fishtail Direct Drive manual connection
4. QD Direct Drive Couplings

Available as a 3.0 tonne, 10 tonne, 15 tonne and 20 tonne (single head six fall) capacity chain blocks, chained up to project specific heights of lift (HOL) that can be pre-set to meet the exact starting point required within the rigging drawings.



QD direct drive couplings



Manual D handle interface



One of our torque receptacle options

Quality machining

Strong impact resistant gearbox housing complete with close tolerance fit bearing that fully support the pinion shaft and planet gear to maintain smooth revolutions whilst under load, Subsea suitable bearings for top and bottom hook load sheaves enclosed in drop forged housing assembled with stainless steel fittings.



High performance marine spec hydraulic system



New hand wheel feature



Strong impact resistant gearbox

Chain block data table Please see page 23 for chain block technical drawings

Product Code	Capacity (tonne)	Effort (kg)	Dimensions (mm)							Load Chain		Standard HOL (m)	Mass @ std HOL (kg)	Mass for extra metre HOL (kg)
			A	B	C	D	E	F1	F2	Diameter (mm)	No. of falls			
SCB-0300	3.0	38	109	84	550	98	157	36	56	10.0	1	3	30.5	3.2
SCB-1000	10.0	40	109	84	660	153	263	54	87	10.0	3	3	64.0	7.5
SCB-1500	15.0	41	109	84	840	225	378	59	81	10.0	5	3	128.5	11.8
SCB-2000	20.0	43	161	90	1050	148	360	81	110	10.0	6	3	178.5	14.2

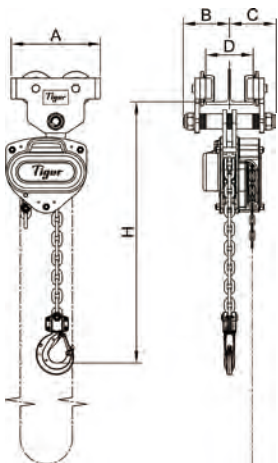
ROV block data table

Product Code	Capacity (tonne)	Max Torque (Nm)	Revs per 300mm travel (max 125 RPM)	Mass out of Water (kg) (Includes chain block @ std HOL)			
				Hot Stab	QD Drive	Torque Tool	Fishtail
RCB-0300	3.0	45	55	60.5	54.5	57.5	53.5
RCB-1000	10.0	50	165	90.5	84.5	87.5	83.5
RCB-1500	15.0	52	275	160.5	154.5	157.5	153.5
RCB-2000	20.0	55	340	208.0	202.0	205.0	201.0

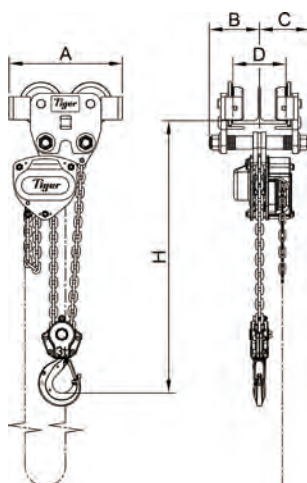
- 3.0t, 10.0t, 15.0t and 20.0t capacity units available
- Fully corrosion protected
- Compliant with BS ISO 13628-8:2002 & BS ISO 13628-1:2005
- Stainless steel 316 framework and handle
- Proven Subsea brake design
- Patented Quad Cam pawl system
- One-piece brake chamber cover
- Heavy duty flexible chain bag c/w stainless steel mounting frame
- 4 Point manipulator connection points
- Compact and light weight
- Balanced design for easy handling and installation
- Subsea suitable bearings for top and bottom hook load sheaves
- Marine specific friction discs
- New hand wheel feature for on-deck height of lift adjustments
- Bespoke chain lengths to meet exact customer requirements
- Full individual spares back up
- Each unit is fully tested and certified before delivery

For chain block information please see pages 24 and 25 .

Combination chain block and trolley



Single bar plain



Twin bar plain



Spark resistant version

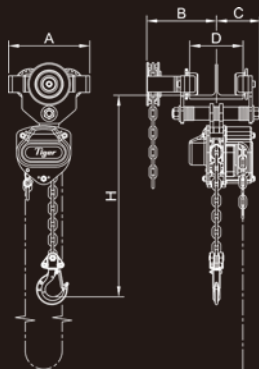
- Range from 0.5t to 30.0t
- Ideal for locations where headroom is limited
- Geared and plain trolley versions available
- Can be chained up to meet your specific requirements
- Twin bar or single bar trolley options
- Corrosion or spark resistant versions available
- Chain Carrier available
- Extended beam width available



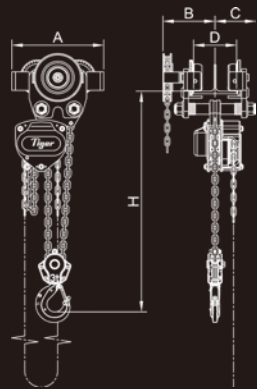
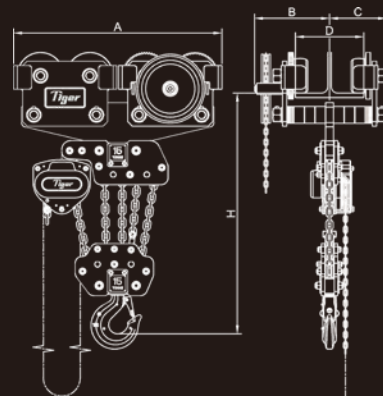
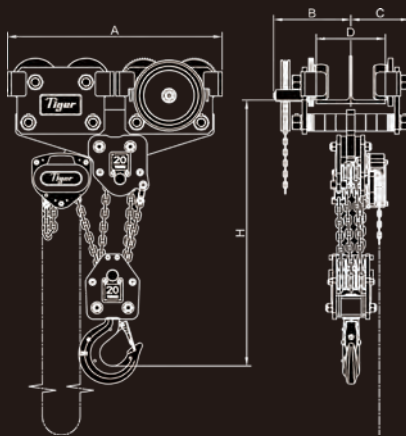
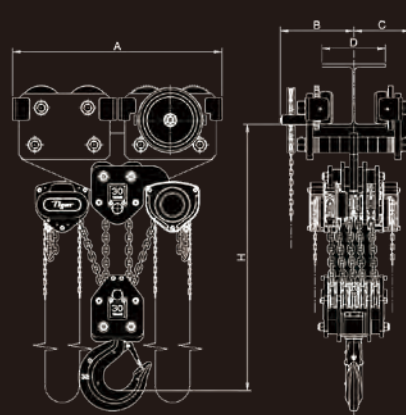
Plain/Push combination units

	Product Code	Capacity (tonne)	D - Track width		Dimensions (mm)				Net Weight (kg) @ std HOL
			Range 1 (mm)	Range 2 (mm)	A	B	C	H	
Single Bar Trolleys	CCBTPS-0050	0.5	62-128	62-203	195	106	106	310	16.0
	CCBTPS-0100	1.0	62-128	62-203	213	113	113	350	19.5
	CCBTPS-0200	2.0	88-154	88-230	236	136	136	450	33.0
	CCBTPS-0300	3.0	87-153	88-230	281	146	146	530	48.5
Twin Bar Trolleys	CCBTPT-030T	3.0	87-153	88-230	320	142	142	435	45.5
	CCBTPT-0500	5.0	106-194	106-305	352	167	166	545	69.0
	CCBTPT-1000	10.0	150-320	N/A	460	255	255	730	185.0

Standard height of lift (HOL) of chain block - 3m. We can change this to suit your requirements.



Single bar geared

Twin bar geared
3.0t - 10tTwin bar geared
15tTwin bar geared
20tTwin bar geared
30t

Geared trolley combination units

	Product Code	Capacity (tonne)	D - Track width		Dimensions (mm)				Net Weight (kg) @ std HOL
			Range 1 (mm)	Range 2 (mm)	A	B	C	H	
Single Bar Trolleys	CCBTGS-0050	0.5	62-128	62-203	195	165	106	310	20.0
	CCBTGS-0100	1.0	62-128	62-203	213	170	113	350	23.5
	CCBTGS-0200	2.0	88-154	88-230	236	182	136	450	37.5
	CCBTGS-0300	3.0	87-153	88-230	281	184	146	530	53.5
Twin Bar Trolleys	CCBTGT-030T	3.0	87-153	88-230	320	181	142	435	58.5
	CCBTGT-0500	5.0	106-194	106-305	352	202	166	545	74.5
	CCBTGT-1000	10.0	150-320	N/A	460	335	255	730	200.0
	CCBTGT-1500	15.0	150-320	N/A	930	335	255	880	420.0
	CCBTGT-2000	20.0	150-320	N/A	930	335	255	1000	460.0
	CCBTGT-3000	30.0	150-320	N/A	990	348	267	1145	640.0

Standard geared trolley hand chain length - 2.5m. We can change the length to suit your requirements.
Standard height of lift (HOL) of chain block - 3m. We can change this to suit your requirements.

Low Headroom Combination Chain Block and Trolley

Main Features

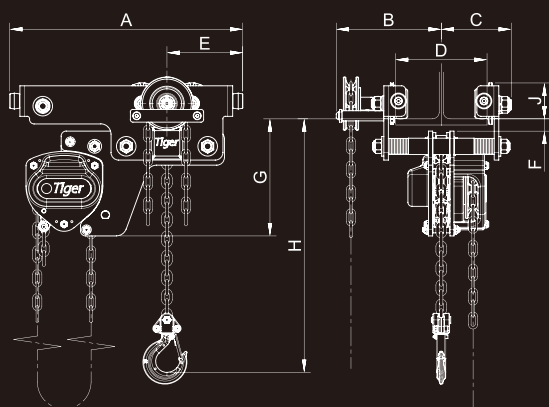
- Very low headroom
- Range from 1.0t to 10.0t
- Ideal for locations where headroom is limited
- Operating temperature of -30°C to + 50°C (temperature range of - 50°C to + 50°C available as an option)
- Can be chained to any height of lift to meet your exact requirements
- Chain carrier available
- Spark Resistant version available
- Available with load limiter
- Available with beam locking device

Certification:

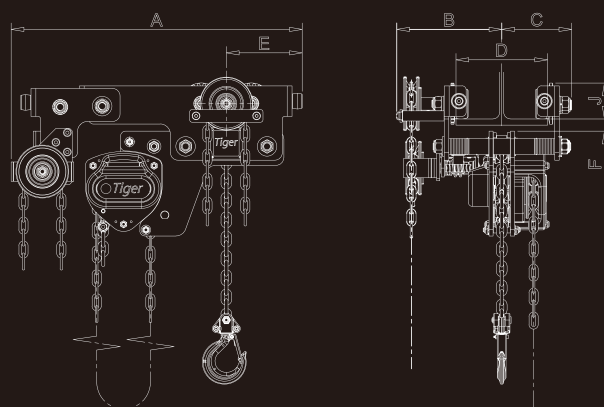
Each unit comes fully certified with a test certificate or an EC Declaration of Conformity stating compliance with the essential health and safety requirements of the Machinery Directive 2006/42/EC.



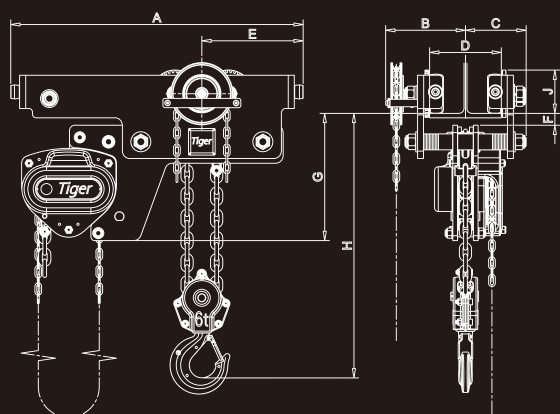
Product Code	Locking Device	Capacity (tonne)	Dimensions(mm)								
			A	B	C	D	E	F	G	H	J
LHCG-0100		1.0	458	207	138	62-180	149	24	230	210	70.5
LHCG-0100-K	Y	1.0	572	207	138	62-180	149	24	230	210	70.5
LHCG-0200		2.0	576	207	146	88-180	179	24	299	26	79.5
LHCG-0200-K	Y	2.0	678	207	146	88-180	179	24	299	260	79.5
LHCG-0300		3.0	698	209	153	88-180	221	32	341	305	96.5
LHCG-0300-K	Y	3.0	814	209	153	88-180	221	32	341	305	96.5
LHCG-0600		6.0	791	216	164	106-194	274	32	344	425	117
LHCG-0600-K	Y	6.0	924	216	164	106-194	274	32	344	425	117
LHCG-1000		10.0	873	278	235	106-320	377	45	364	550	118
LHCG-1000-K	Y	10.0	1013	282	263	106-320	377	45	364	550	118



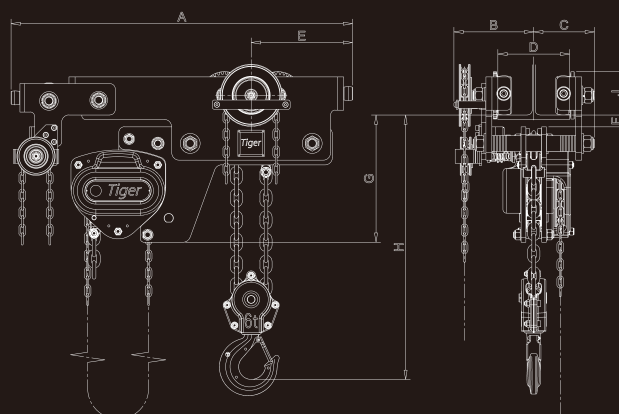
1.0t - 3.0t (LHCG)



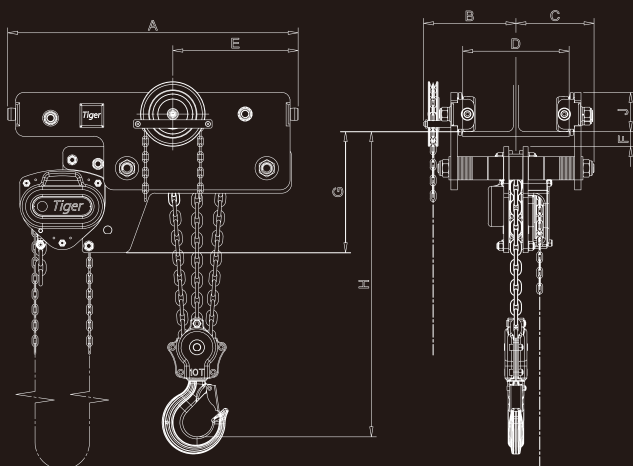
1.0t - 3.0t with locking device (LHCG-K)



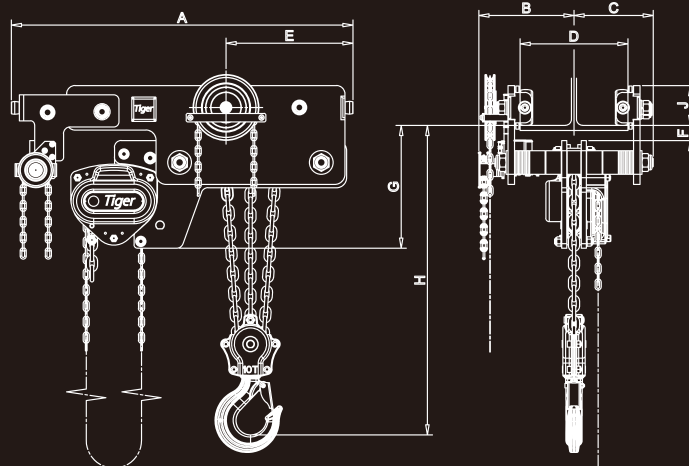
6.0t (LHCG)



6.0t with locking device (LHCG-K)



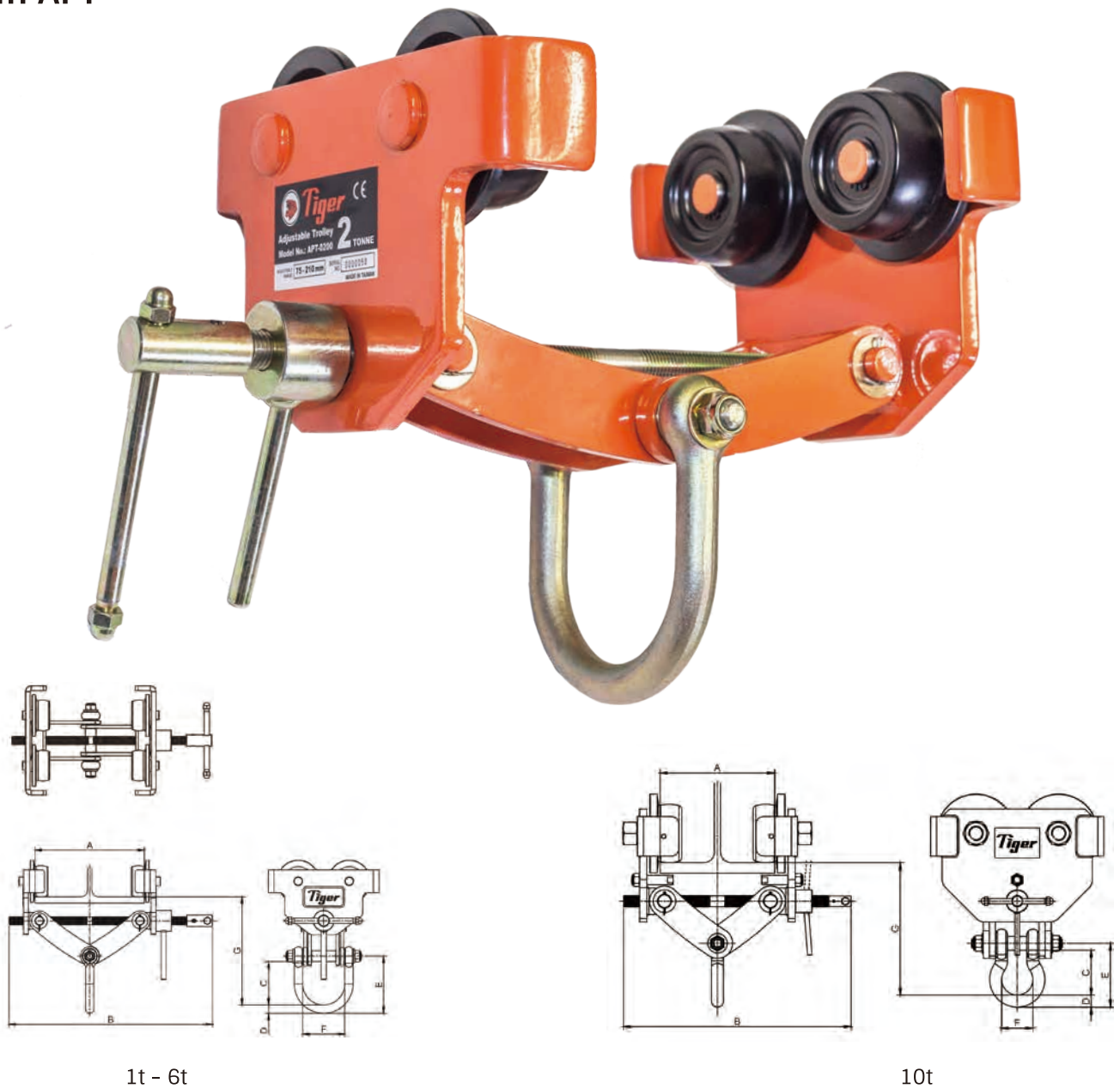
10.0t (LHCG)



10.0t with locking device (LHCG-K)

Adjustable trolley

Plain APT



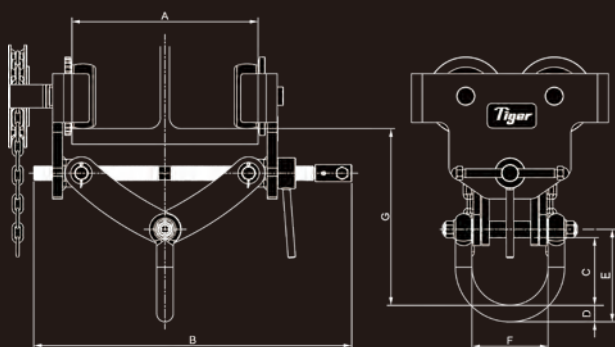
1t - 6t

10t

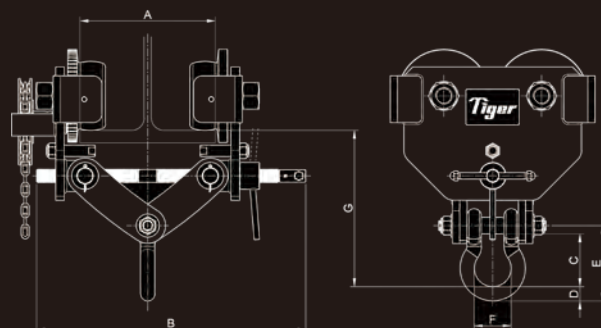
- Fitted with a screw spindle which allows easy adjustment and high clamping force to the various flange sizes within its capacity
- Designed to provide smooth and easy traversing
- The anti-drop plates design ensures extra safety, and also prevents damage to wheels when contacting end rail stoppers
- Wheels run on sealed ball bearings for smoother rolling with less effort and maintenance
- Plain Trolley Range from 1.0t to 10.0t. Geared trolley available as 6t or 10t unit
- Operating temperature of -30°C to +50°C (temperature range of -50°C to +50°C available as an option)
- The 5:1 factor of safety allows for use with manual or powered hoists

Adjustable trolley

Geared AGT



6t



10t

Product Code	Type	Capacity (tonne)	Track width range (mm)	Dimensions (mm)						Min. curve ratio (m)	Net Weight (kg)
			A	B	C	D	E	F	G		
APT-0100	Plain	1.0	75-210	391	83	16	110	81	255-208	1.0	9.5
APT-0200	Plain	2.0	75-210	391	94	18	123	89	276-227	1.3	13.5
APT-0300	Plain	3.0	75-210	403	105	22	141	112	288-241	1.5	23.0
APT-0600	Plain	6.0	105-305	521	111	27	151	125	358-290	1.5	35.5
AGT-0600	Geared	6.0	105-305	521	111	27	151	125	358-290	1.5	40.0
APT-1000	Plain	10.0	160-305	606	119	32	170	83	400-340	2.7	118.0
AGT-1000	Geared	10.0	160-305	606	119	32	170	83	400-340	2.7	221.0

Standard geared trolley hand chain length - 2.5m. We can change the length to suit your requirements.

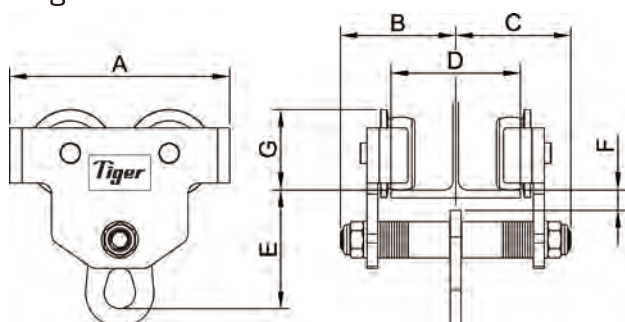
Trolley TP/TG

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

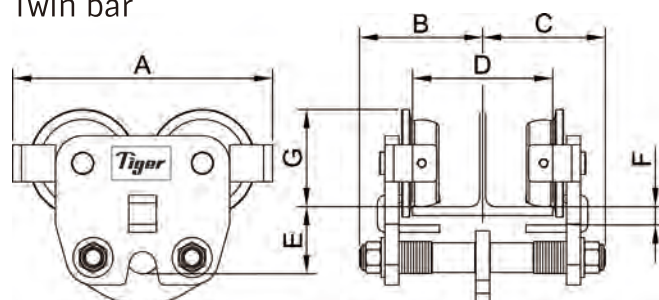


Plain trolley

Single bar



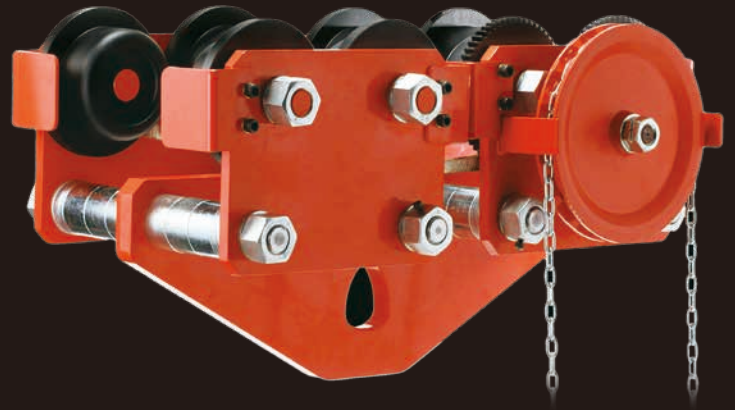
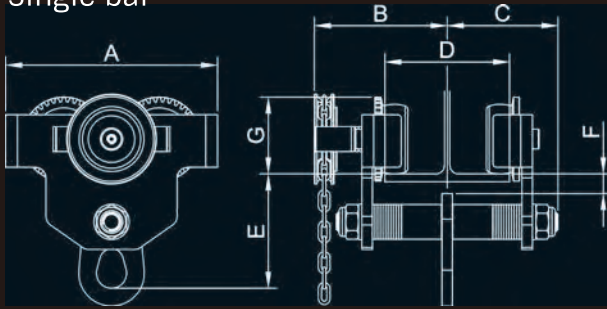
Twin bar



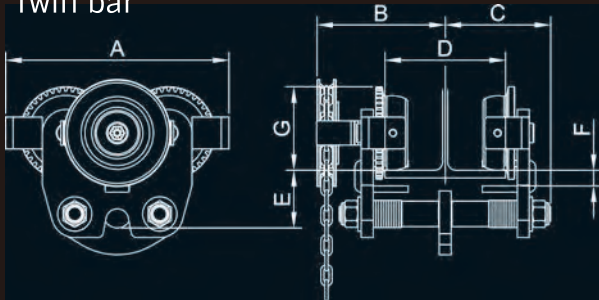
	Product Code	Type	Capacity (tonne)	D - Track width		Dimensions (mm)						Min. curve ratio (m)	Net Weight (kg)
				Range 1 (mm)	Range 2 (mm)	A	B	C	E	F	G		
Single Bar Trolleys	TPS-0050	Plain	0.5	62-128	62-203	195	106	106	98	20	64	0.8	5.0
	TPS-0100	Plain	1.0	62-128	62-203	213	113	113	106	20	71	1.0	7.5
	TPS-0200	Plain	2.0	88-154	88-230	236	136	136	132	25	80	1.3	12.0
	TPS-0300	Plain	3.0	87-153	88-230	281	146	146	150	25	97	1.5	19.0
	TPS-0500	Plain	5.0	106-194	106-305	323	169	169	174	30	117	1.5	30.0
Twin Bar Trolleys	TPT-0300	Plain	3.0	87-153	88-230	320	142	142	82	16	110	1.5	19.0
	TPT-0500	Plain	5.0	106-194	106-305	352	167	166	91	24	131	1.5	30.0
	TPT-1000	Plain	10.0	150-320	N/A	460	255	255	248	42	182	2.7	135.5

Geared trolley

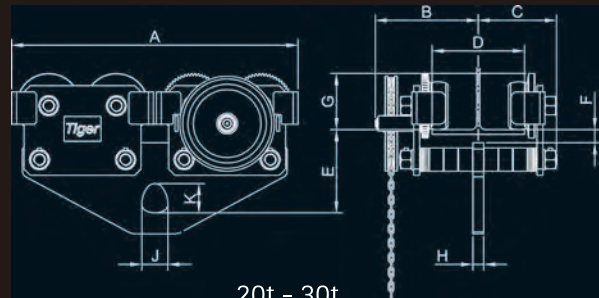
Single bar



Twin bar



3t - 10t



20t - 30t



Optional beam locking device

	Product Code	Type	Capacity (tonne)	D - Track width		Dimensions (mm)									Min. curve ratio (m)	Net Weight (kg)
				Range 1 (mm)	Range 2 (mm)	A	B	C	E	F	G	H	J	K		
Single Bar Trolleys	TGS-0050	Geared	0.5	62-128	62-203	195	165	106	98	20	64				0.8	9.0
	TGS-0100	Geared	1.0	62-128	62-203	213	170	113	106	20	71				1.0	11.0
	TGS-0200	Geared	2.0	88-154	88-230	236	182	136	132	25	80				1.3	16.5
	TGS-0300	Geared	3.0	87-153	88-230	281	184	146	150	25	97				1.5	23.5
	TGS-0500	Geared	5.0	106-194	106-305	323	210	169	174	30	117				1.5	34.5
Twin Bar Trolleys	TGT-0300	Geared	3.0	87-153	88-230	320	181	142	82	16	110				1.5	23.5
	TGT-0500	Geared	5.0	106-194	106-305	352	202	166	91	24	131				1.5	34.5
	TGT-1000	Geared	10.0	150-320	N/A	460	335	255	248	42	182				2.7	150.0
	TGT-2000	Geared	20.0	150-320	N/A	930	335	255	270	42	182	35	85	95	6.0	356.0
	TGT-2500	Geared	25.0	150-320	N/A	930	335	255	278	42	182	38	100	115	6.0	363.0
	TGT-3000	Geared	30.0	150-320	N/A	990	348	267	288	42	182	38	100	115	6.0	368.0

Standard geared trolley hand chain length - 2.5m. We can change the length to suit your requirements.

Spark resistant trolley

Ex II 2 GD c IIC T4 IIIC T135°

In many areas of industry, plants are operated with potentially explosive atmospheres. Due to the very high risk to personal and other assets, extremely strict guidelines and technical requirements are in place in explosive zones.

Tiger Spark Resistant products are manufactured in accordance with ATEX Directive 94/9/EC and the Machinery Directive 2006/42/EC.

Our products are lightweight and durable with a proven track record.

Plain and geared trolleys available.

- Solid bronze trolley wheels
- Rubber buffers for trolleys
- Copper plated hand wheel and stainless steel hand chain (geared trolley)
- Copper plated hanging plate
- Special corrosion protected body
- Combination block and trolley units available
- Optional Beam locking device

It is the responsibility of the user to identify which explosion proof classification is required, not the hoist manufacturer or supplier.



Certification:

Under the ATEX Directive 94/9/EC, equipment for areas with an explosion hazard is assigned to groups, categories and temperature classes. Our products are assigned as follows:

Ex II 2 GD c IIC T4 IIIC T135°C

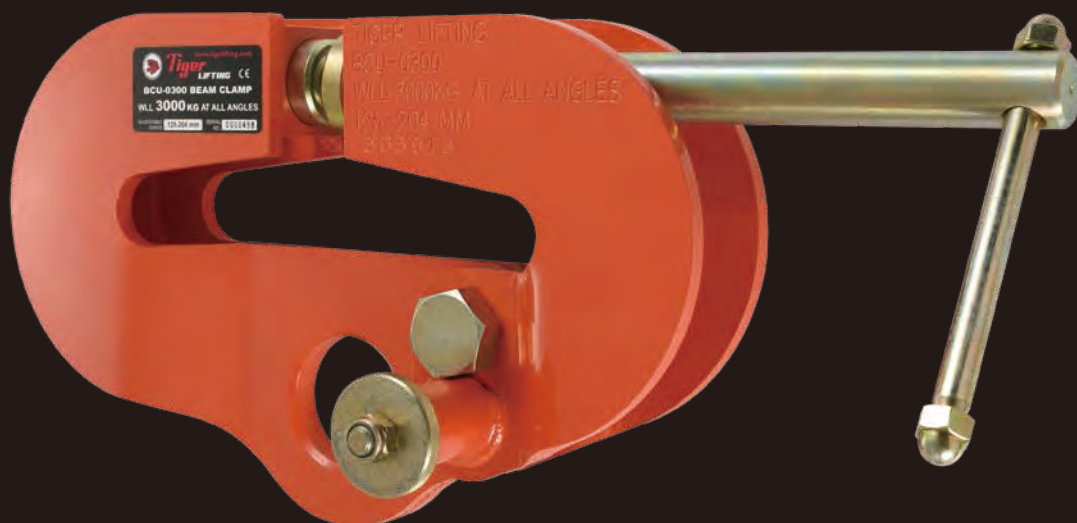
Suitable for gas and dust hazardous areas: Zone 1 & 2 (gas) and Zone 21 & 22

Dimension data available on pages 34 - 35

Ex II 2 GD c IIC T4 IIIC T135°C

II	2	GD	c	IIC	T4	IIIC	T135°C	
								T135°C Dust Temperature Class: Maximum external surface temperature 135°C
								IIIC Groups of Dust: Protected for group IIIC which includes groups IIIA & IIIB
								T4 Gas Temperature Class: Maximum external surface temperature 135°C
								IIC Gas Explosion Group: Protected for group IIC which includes groups IIA & IIB
								c Protection type: Design safety
								GD Ex Atmosphere: Gas and Dust
								2 Category: High Safety
								II Equipment Group: surface industries

Universal beam clamp BCU

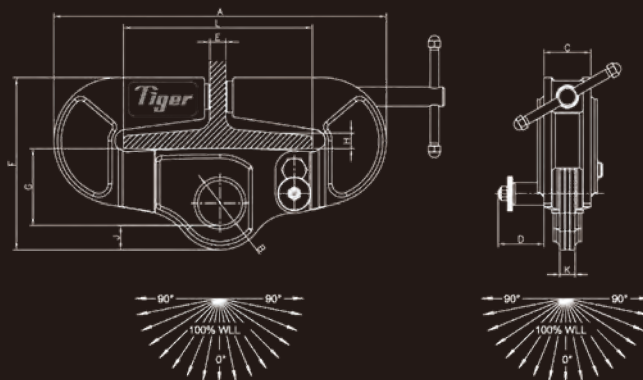


The Tiger Universal Beam Clamp Model No BCU has been designed not only for vertical use, but also for side load applications, where conventional clamps are not suitable. This clamp is highly flexible in application and can be used for lifting, pulling or as a semi-permanent anchor point.

It can be loaded at any angle and eliminates the use of spreader beams in various lifting operations.

- Suitable for pulling and lifting at angles across the beam
- Designed for both vertical and side loading applications – can be loaded at any angle
- Full rated capacity at any lifting angle

Warning: Do not exceed working load limits or use this equipment for lifting flat plate sections



- 3.0t and 5.0t capacities available, 10t available soon
- Quick and versatile rigging point for hoisting equipment
- Low headroom design
- Highly flexible – for lifting, pulling or as a semi-permanent anchor point
- Designed to accommodate a wide range of beam widths
- Multidirectional adjusting screw spindle ensures a high clamping force to the beam web
- Operating temperature of -50°C to +50°C
- 4:1 factor of safety
- Complies with ASME B30.20 and EN13155:2003+A2 :2009

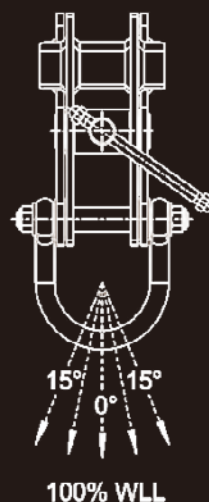
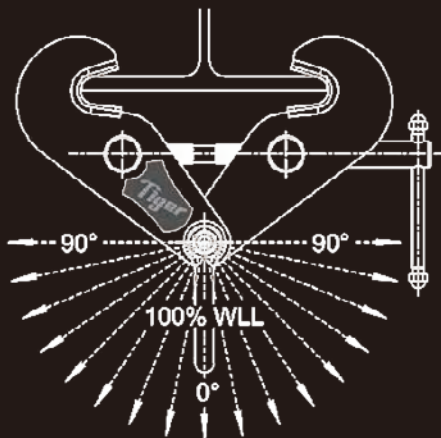
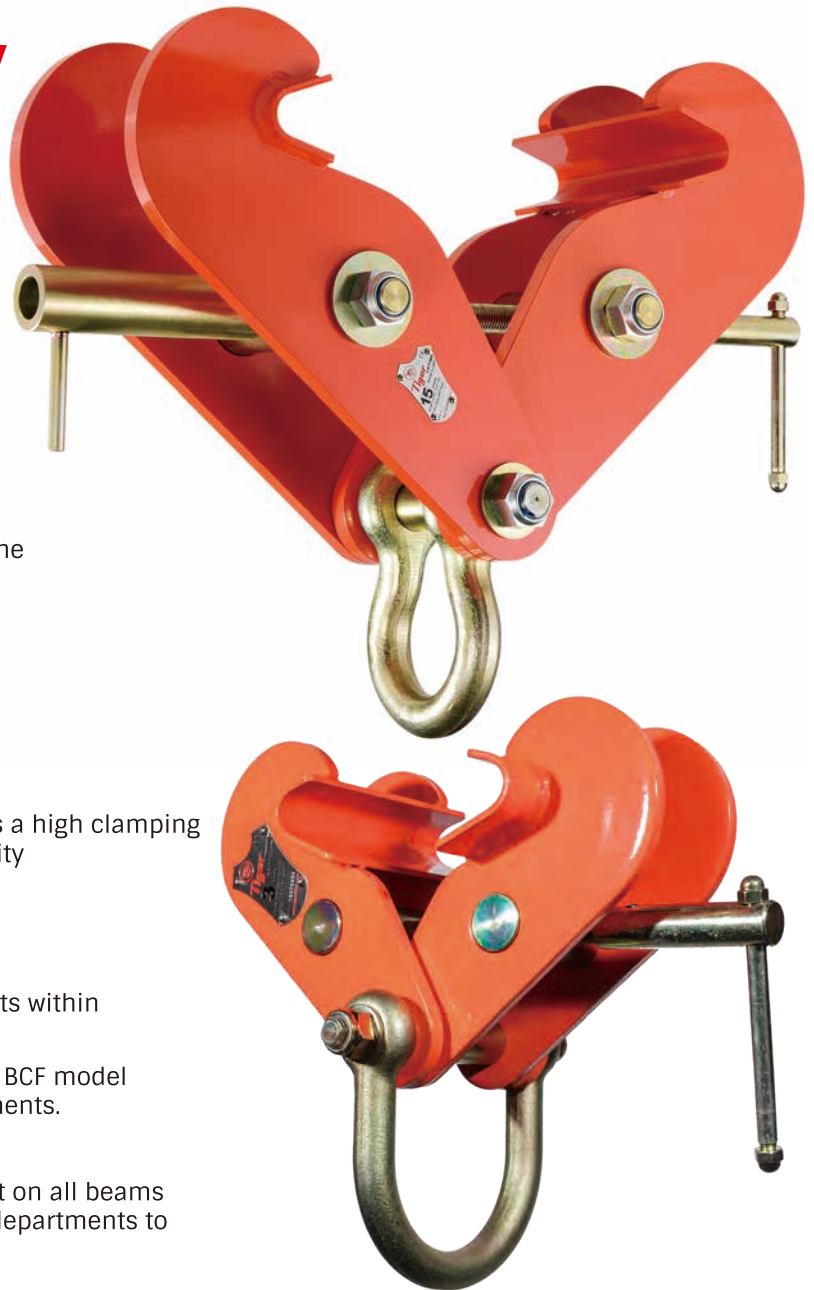
Product Code	Capacity (tonne)	Dimensions (mm)											Net Weight (kg)
		A	B	C	D	E	F	G	H	J	K	L	
BCU-0300	3.0	387	60	70	63	32	235	100	25.4	28	20	125-204	15.5
BCU-0500	5.0	524	70	74	72	32	270	120	25.4	38	24	125-305	27.0
BCU-1000	10.0	524	70	75	82	32	278	120	25.4	38	25	125-305	TBA

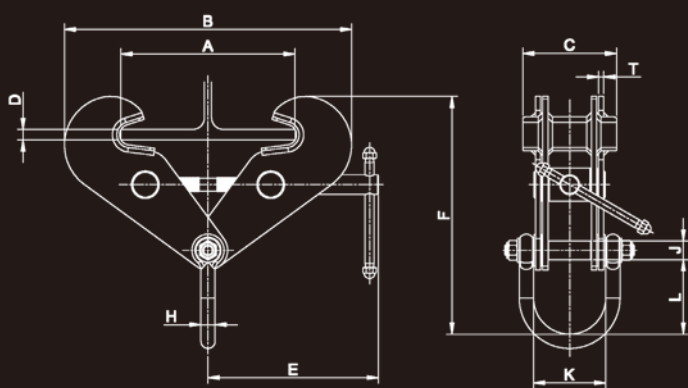
Fixed jaw heavy duty beam clamp with shackle BCF

- Range from 1.0t to 30.0t
- Quick and versatile rigging point for hoisting equipment
- Shackle suspension point
- Suitable for pulling and lifting at angles across the beam
- Up to 90° side loading with no deration
- 15° cross loading with no deration
- Highly flexible – for lifting, pulling or as a semi-permanent anchor point
- Evenly distributed loads achieved through maximum jaw surface area
- Multidirectional adjusting screw spindle ensures a high clamping force to the various flange sizes within its capacity
- Beam width range 75mm to 457mm
- Operating temperature of -50°C to +50°C
- 4:1 factor of safety
- These units meet and exceed all the requirements within BS EN 13155:2003+A2:2009 and AS4991

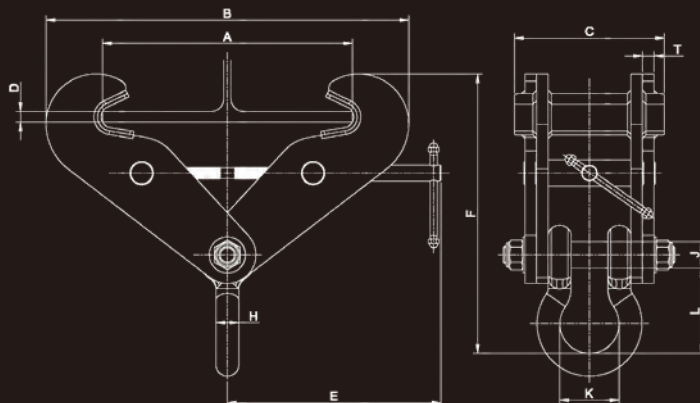
No deration up to 90° has been established for Tiger BCF model clamps and applies only for overhead beam attachments. It DOES NOT apply when used for lifting beams.

We advise that structural calculations are carried out on all beams and supporting steel work by qualified engineering departments to ensure safe operation.

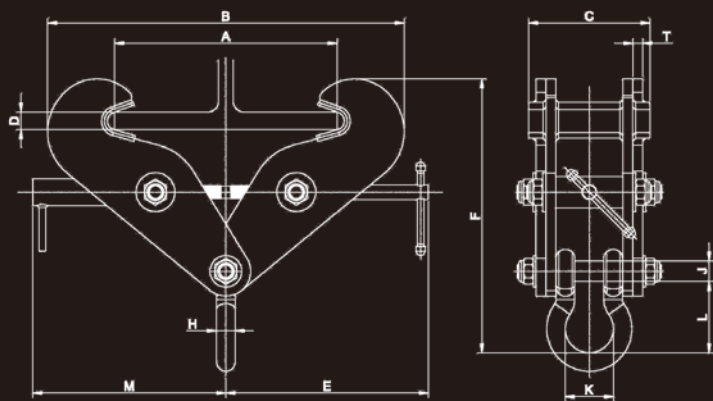




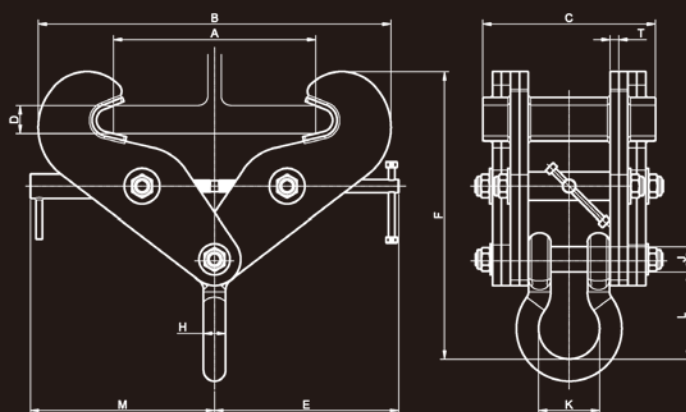
1t - 5t



10t



15t & 20t



30t

Product Code	Capacity (tonne)	Dimensions (mm)												Net Weight (kg)
		A	B	C	D	E	F	H	J	K	L	M	T	
BCF-0100	1.0	75-195	206-321	105	20	190	300-266	16	21	80	84		6	5.5
BCF-0200	2.0	75-195	206-321	105	20	190	311-276	18	21	88	95		8	6.5
BCF-0300	3.0	100-350	223-476	140	25	270	418-344	22	27	110	105		10	12.0
BCF-030S	3.0	75-190	216-325	140	20	190	310-271	22	27	110	105		10	9.5
BCF-0500	5.0	100-310	223-438	140	25	286	424-368	27	27	124	111		12	14.5
BCF-050S	5.0	75-190	216-325	140	20	190	315-276	27	27	124	111		12	11.0
BCF-1000	10.0	120-350	282-511	210	30	314	460-389	32	37	83	120		16	26.5
BCF-1500	15.0	203-457	463-742	250	36	416	644-558	38	44	99	146	400	20	76.0
BCF-2000	20.0	203-457	471-766	300	50	416	697-609	45	49	126	179	410	25	100.0
BCF-3000	30.0	203-457	483-800	390	63	416	742-648	50	57	138	197	416	20	TBA

T=beam clamp side plate thickness
D=maximum beam flange thickness

Spark resistant beam clamp

Ex II 2 GD c IIC T4 IIIC T135°

In many areas of industry, plants are operated with potentially explosive atmospheres. Due to the very high risk to personal and other assets, extremely strict guidelines and technical requirements are in place in explosive zones.

Tiger Spark Resistant products are manufactured in accordance with ATEX Directive 94/9/EC and the Machinery Directive 2006/42/EC.

Our products are lightweight and durable with a proven track record.

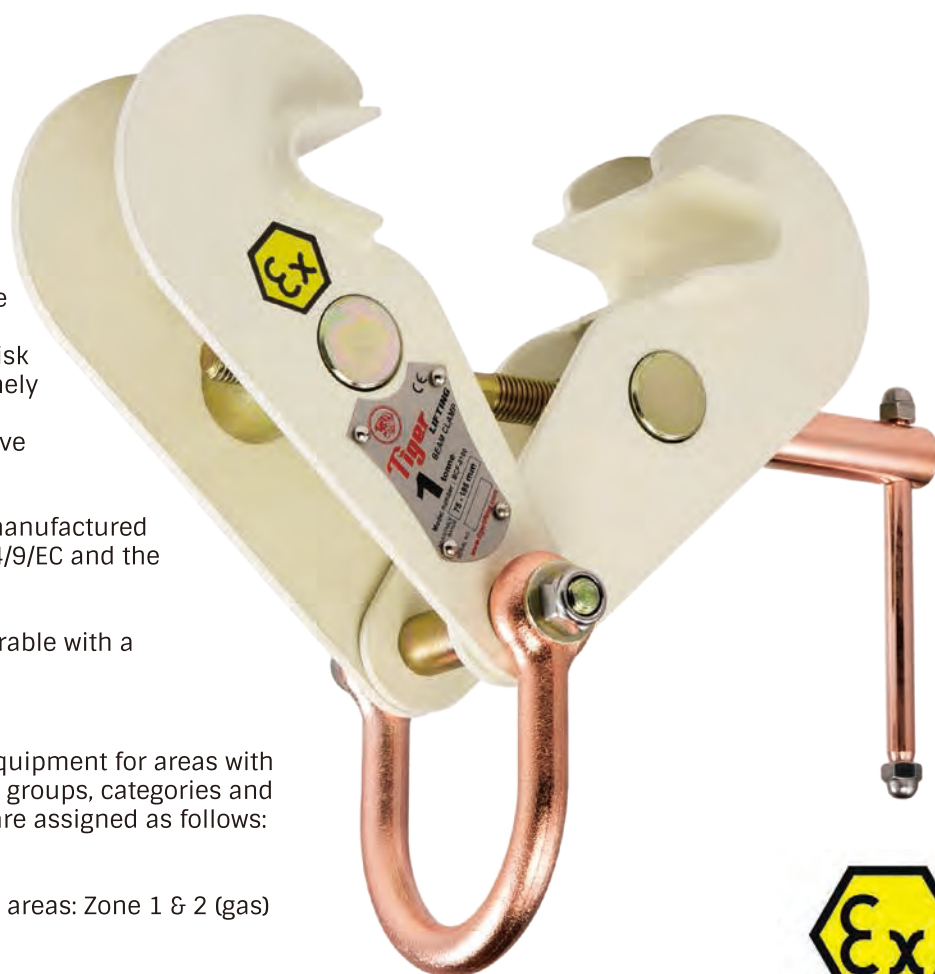
Certification:

Under the ATEX Directive 94/9/EC, equipment for areas with an explosion hazard are assigned to groups, categories and temperature classes. Our products are assigned as follows: Ex II 2 GD c IIC T4 IIIC T135°C

Suitable for gas and dust hazardous areas: Zone 1 & 2 (gas) and Zone 21 & 22 (dust).

Dimension data available on pages 38 - 39

- Copper plated suspension shackle and adjusting bar
- Special corrosion protected coated body
- Optional beam locking device

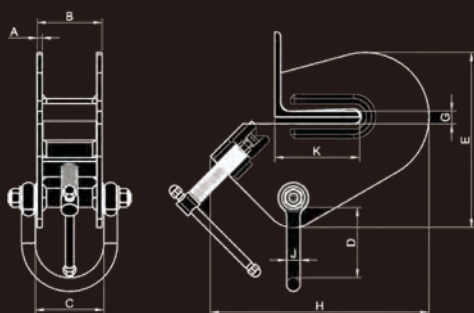
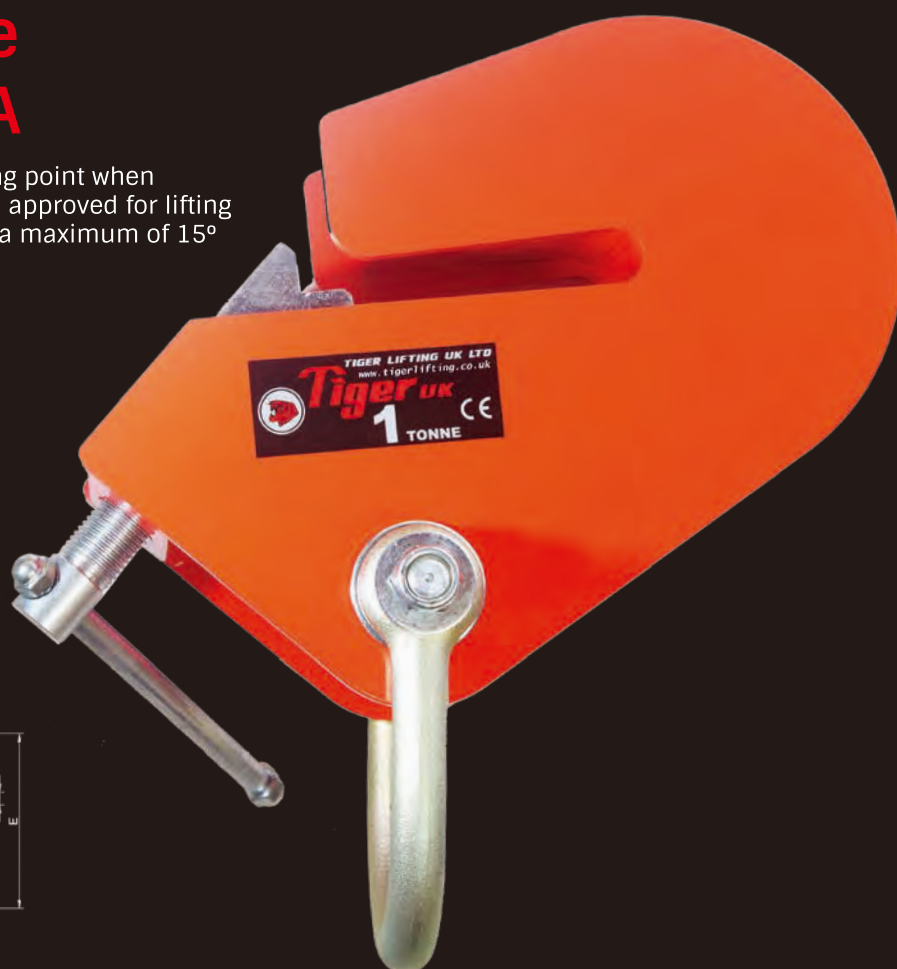


Ex II 2 GD c IIC T4 IIIC T135°C

II	2	GD	c	IIC	T4	IIIC	T135°C	
								T135°C Dust Temperature Class: Maximum external surface temperature 135°C
								IIIC Groups of Dust: Protected for group IIIC which includes groups IIIA & IIIB
								T4 Gas Temperature Class: Maximum external surface temperature 135°C
								IIC Gas Explosion Group: Protected for group IIC which includes groups IIA & IIB
								c Protection type: Design safety
								GD Ex Atmosphere: Gas and Dust
								2 Category: High Safety
								II Equipment Group: surface industries

Adjustable angle beam clamp BCA

This BCA clamp serves as an anchor or lifting point when attached to an overhead steel angle section approved for lifting applications. This clamp can be used up to a maximum of 15° from the vertical.

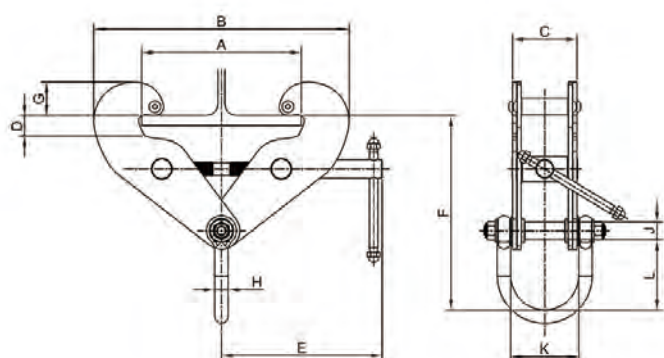
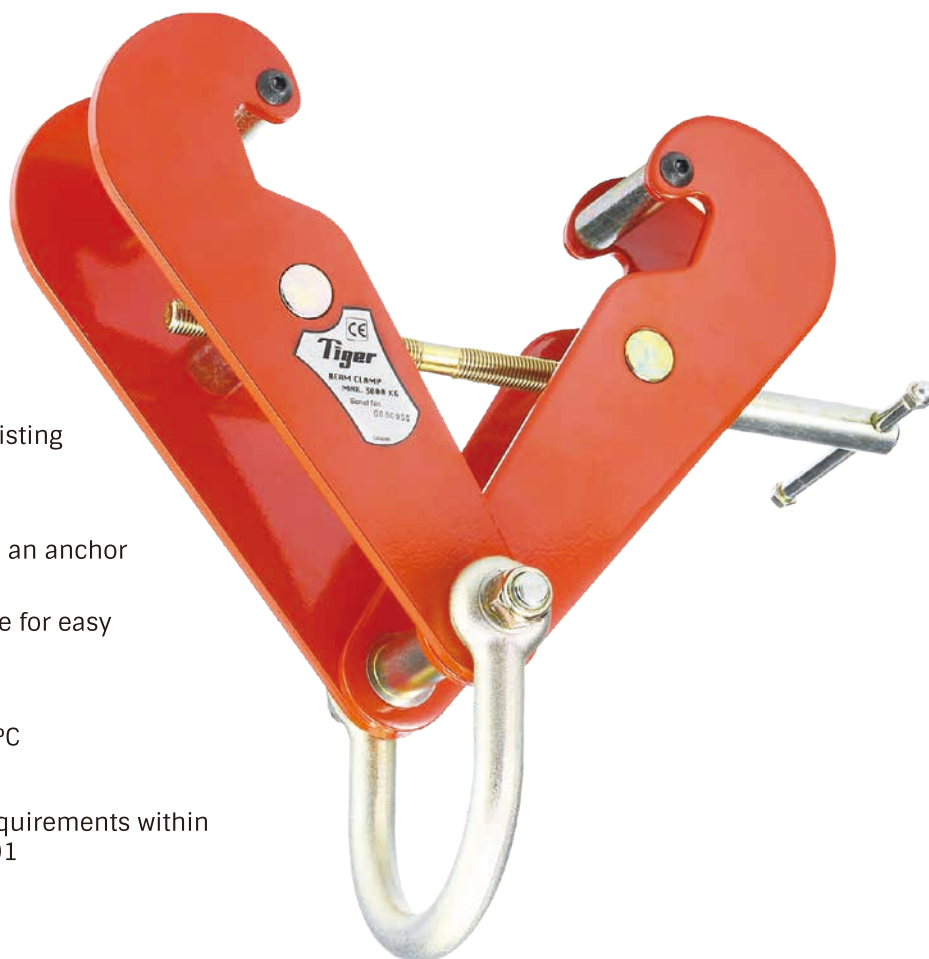


Product Code	Capacity (tonne)	Dimensions (mm)									Net Weight (kg)
		A	B	C	D	E	G	H	J	K	
BCA-0100	1.0	6	76	81	83	206	15	258	16	38-101	5.5
BCA-0300	3.0	10	106	112	104	343	25	490	22	101-203	23.5

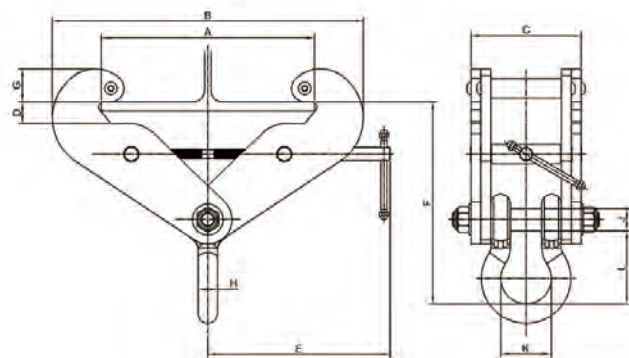
- V shaped clamping jaws ensures safe and secure grip
- Quick and versatile rigging point for hoisting equipment when attached to overhead steel angle section approved for lifting applications.
- Designed to accommodate a wide range of steel angle sections
- No tools required – integrated adjusting screw spindle
- Operating temperature of -50° to +50°
- 1.0t and 3.0t capacities available
- Shackle suspension point
- 4:1 Safety factor
- These units meet and exceed all the requirements within BS EN 13155:2003+A2:2009 and AS4991

Adjustable beam clamp with shackle BCS

- Range from 1.0t to 10.0t
- Quick and versatile rigging point for hoisting equipment
- Shackle suspension point
- Highly flexible – for lifting, pulling or as an anchor point
- Multidirectional adjusting screw spindle for easy attachment and safe and secure grip
- Wide Beam flange adjustment range
- Operating temperature of -50°C to +50°C
- 5:1 factor of safety
- These units meet and exceed all the requirements within BS EN 13155:2003+A2:2009 and AS4991



1-5t



10t

Note: Some stock in the 1t – 5t range may be supplied with a bow shackle rather than a D shackle (as in the drawing of the 10t unit above). If the fitting or dimensions are critical please contact us for information on availability.

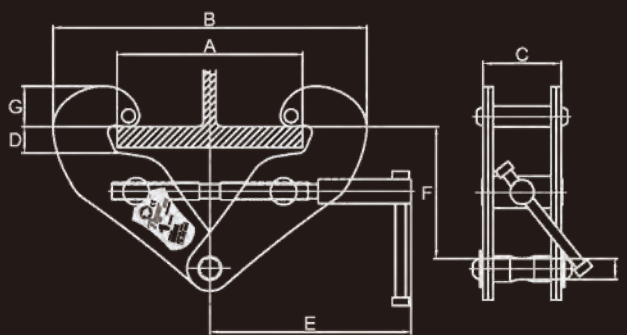
Product Code	Capacity (tonne)	Dimensions (mm)											Net Weight (KG)
		A	B	C	D	E	F	G	H	J	K	L	
BCS-0100	1.0	75-210	182-328	77	26	190	250-225	52-38	16	21	81	83	4.5
BCS-0200	2.0	75-210	182-328	85	26	190	260-236	52-38	18	21	89	94	5.5
BCS-0300	3.0	75-305	214-460	107	35	240	357-311	58-40	22	27	112	105	9.5
BCS-0500	5.0	75-305	214-460	121	35	240	363-315	58-40	27	27	125	111	11.0
BCS-1000	10.0	120-350	295-510	180	30	300	381-330	71-54	32	37	83	120	26.5

Adjustable beam clamp BC

- Range from 1.0t to 10.0t
- Quick and versatile rigging point for hoisting equipment
- Low headroom because of the built in anchor point
- Multidirectional adjusting screw spindle for easy attachment and safe and secure grip
- Wide Beam flange adjustment range
- Operating temperature of -50°C to +50°C
- 5:1 factor of safety
- These units meet and exceed all the requirements within BS EN 13155:2003+A2:2009 and AS4991



Optional locking device



Product Code	Capacity (tonne)	Dimensions (mm)								Net Weight (KG)
		A	B	C	D	E	F	G	J	
BC-0100	1.0	72-210	182-328	77	26	190	144-117	52-38	20	3.5
BC-0200	2.0	72-210	182-328	85	26	190	144-117	52-38	20	4.5
BC-0300	3.0	73-305	214-460	107	35	240	224-179	58-40	22	8.0
BC-0500	5.0	73-305	214-460	121	35	240	224-175	58-40	28	10.0
BC-1000	10.0	120-350	289-496	135	36	277	231-182	75-58	38	24.0

Wire rope puller

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-energised 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.



TRPA (Steel)



TRPA (Aluminium)



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

Tiger wire rope pulling machines are suitable for pulling, lifting, tensioning and releasing in any direction.

They are available in light and compact aluminium or pressed steel construction for applications where aluminium is not recommended.

The wire rope puller comes with a telescopic operating handle* and 20 metres of wire rope fitted with an eye-type hook as standard. Any length of rope can be supplied to your requirements. Alternatively the wire rope puller is available as a machine only, without wire rope. (*the operating handle with the 800kg TRPA/TRPS is not telescopic)

These units meet and exceed all the requirements within BS EN 13157:2004+A1:2009.

Product Code (ALUMINIUM CASING)	WLL (kg)	Pulling Capacity (kg)	Rope Diameter (mm)	Breaking Strain (kN)	Effort (kg)	Advance /Pull (mm)	Net Weight (kg)	Overall Length (mm)	Overall Height (mm)	Overall Width (mm)
TRPA-08	800	1200	8.3	43	35	52	6.0	426	235	64
TRPA-16	1600	2400	11	120	41	55	11.0	545	280	97
TRPA-32	3200	4800	16	162	45	28	22.0	660	325	116
TRPA-54	5400	8000	20	264	76	30	59.0	930	480	152

Product Code (STEEL CASING)	WLL (kg)	Pulling Capacity (kg)	Rope Diameter (mm)	Breaking Strain (kN)	Effort (kg)	Advance /Pull (mm)	Net Weight (kg)	Overall Length (mm)	Overall Height (mm)	Overall Width (mm)
TRPS-08	800	1200	8.3	43	35	52	8.0	440	265	63
TRPS-16	1600	2400	11	120	41	55	14.5	550	300	77
TRPS-32	3200	4800	16	162	45	28	28.0	690	350	91

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.

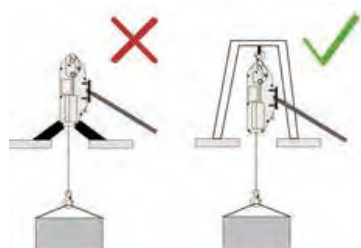


Figure 1

Figure 2

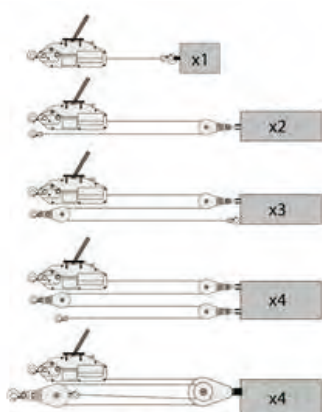


Figure 3

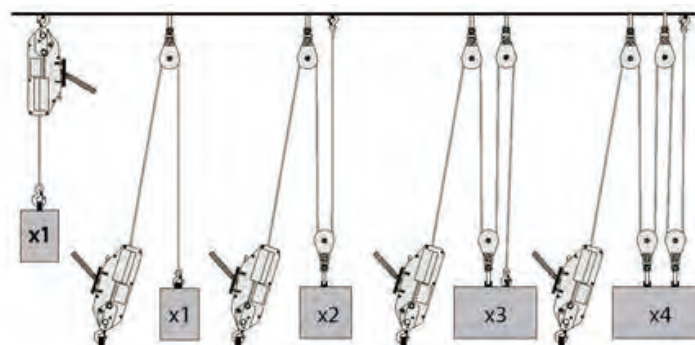


Figure 4

Webbing puller

Tiger webbing pullers are designed for use in hot line applications. They are lightweight and incorporate a webbing strap and lever handle. When clean and dry, the polyester webbing strap provides insulating properties.

Along with the Fibre Reinforced Plastic (FRP) insulated handle this increases electrical safety when tensioning conductors and similar tasks. It also has a load holding function in both forward and reverse modes which are selected by a single click of the ratchet tab. The handle can rotate 360° to allow the most efficient use of the ratchet at any angle.

Not to be used for lifting. Not to be used for supporting people.



- Capacities 1t and 1.5t
- CE marked
- When clean and dry the web strap is non-conductive
- Insulated handle
- Handle rotates full 360°
- Automatic brake with notch at a time operation
- Up-Neutral-Down
- Free wheeling
- Lightweight and compact
- Voltage Proof Test 15kV
- 4:1 factor of safety



Product Code	Capacity (tonne)	Strap Size (mm)	Lever Length (mm)	Max Length (mm)	Min Length (mm)	Net Weight (Kg)
WS-1000	1.0t	2 x 33	400	2000	420	3.2
WS-1500	1.5t	2.2 x 40	460	2000	420	4.5

Entertainment rigging



- A range of Tiger products available in black finish for the entertainment industry
- Chain blocks, lever hoists, beam clamps, trolleys and combination block and trolley units
- Black chain carriers for chain block hand chain available
- Different capacities and heights of lift to suit your specific requirements
- Durable lightweight products
- Proven track record
- See individual product pages for full specifications

Please also see our height safety and winching products for details of other equipment which may be useful for the entertainment industry.

HEIGHT SAFETY

Our recent range of hardware for height safety is proving to be very popular. Manufactured to the same high specifications as our hoisting and winching ranges, it won't let you down.



Beam anchors



Karabiners and scaffold hooks



**Fall arrest blocks
(wire)**



**Fall arrest blocks
(webbing)**

Beam anchor

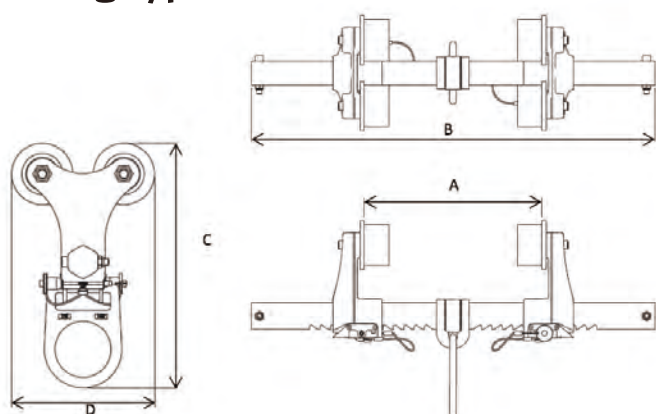
Tiger beam anchors are used as anchorage connectors for personal fall arrest systems. They are designed to be attached to Horizontal I-Beams with an attached personal fall arrest system (full body safety harness, shock absorbing lanyard or fall arrest block). The Tiger single jaw sliding clamp can also be attached to Vertical I-Beams.

Beam Flange Sizes: The Fixed Beam Anchor may only be installed on beams with flanges within the adjustment range of the model.

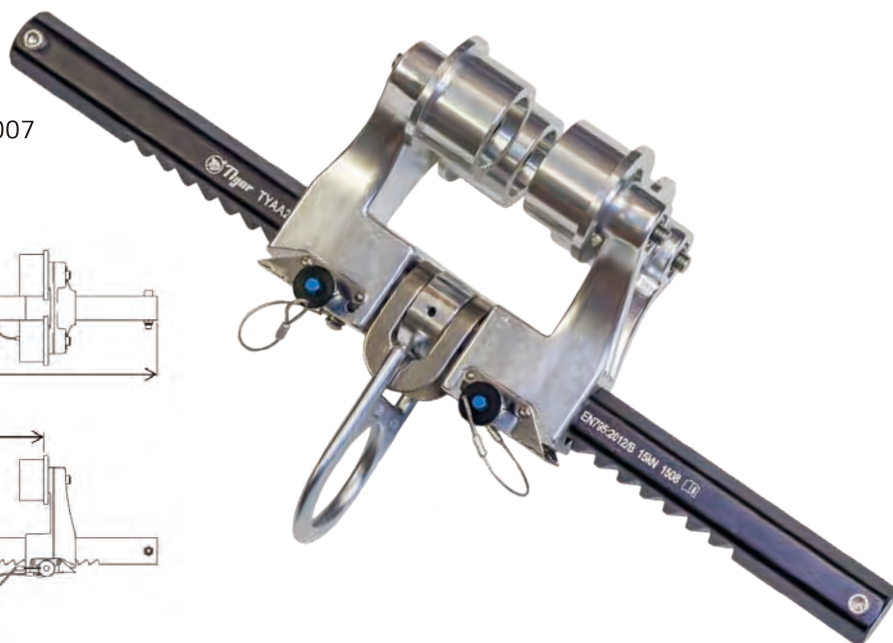
Capacity: This Fixed Beam Anchor is designed for **one person use only**, with a combined weight (clothing, tools, etc.) of no more than 310 lbs (140kgs). No more than one personal protective system may be connected to this equipment at one time.

- CE Certified - CE 1019
- Minimum Breaking Strength 22.3kN (5,000lb/2.27tonne)
- Capacity 140kg
- Quick and versatile anchorage point for personal fall protection equipment
- Easy adjustment
- Beam width ranges 2.5" to 24", 6.35cm to 60cm
- Maximum flange thickness 1.5", 3.8cm
- Unit weight from 1.9kg - 3.5kg
- These units meet the requirements of EN 795:2012/B and ANSI/ASSE Z359.1-2007

Rolling type



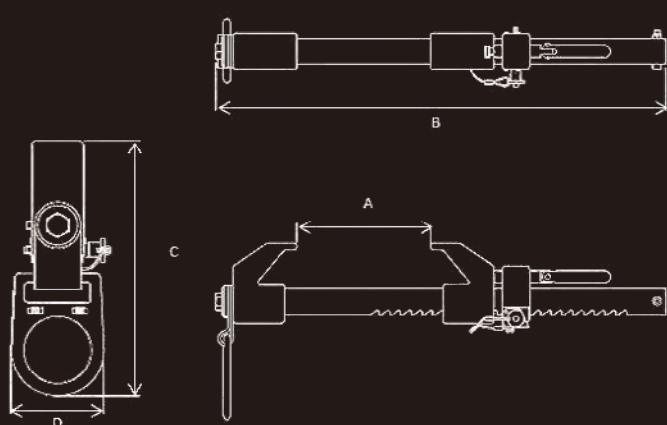
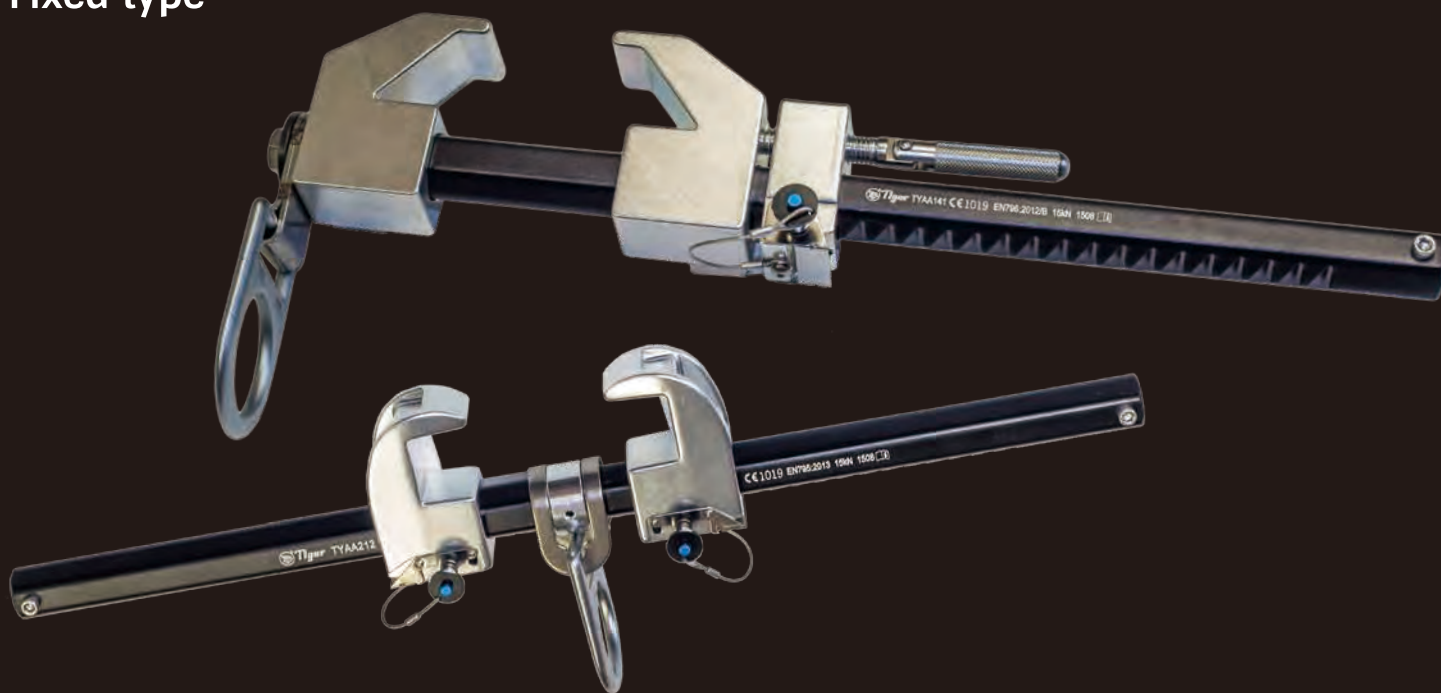
Rolling type two-jaw sliding



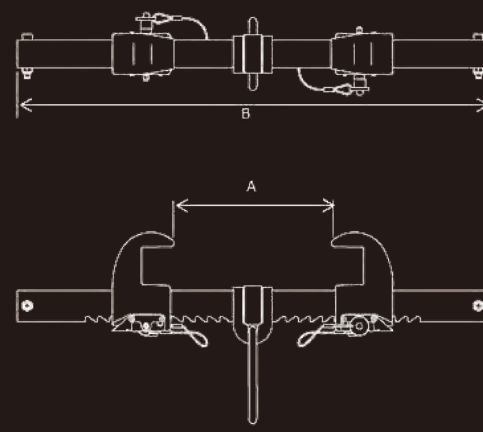
Description	Product Code	Beam Flange Size	Net Weight (Kg)
Mobile Rolling Type Two-Jaw Sliding Horizontal Beam Use	TYAA231	2.5" to 12", 6.35 cm to 30.0 cm	3.00
	TYAA232	2.5" to 18", 6.35 cm to 45.0 cm	3.28
	TYAA233	2.5" to 24", 6.35 cm to 60.0 cm	3.56

Maximum flange thickness 1.5", 3.8cm

Fixed type



Fixed type single-jaw sliding



Fixed type two-jaw sliding

Description	Product Code	Beam Flange Size	Net Weight (Kg)
Fixed Type Single-Jaw Sliding Horizontal & Vertical Beam Use	TYAA141	2.5" to 12", 6.35 cm to 30.0 cm	2.54
	TYAA142	2.5" to 18", 6.35 cm to 45.0 cm	2.83
	TYAA143	2.5" to 24", 6.35 cm to 60.0 cm	3.12
Fixed Type Two-Jaw Sliding Horizontal Beam Use	TYAA211	2.5" to 12", 6.35 cm to 30.0 cm	1.93
	TYAA212	2.5" to 18", 6.35 cm to 45.0 cm	2.22
	TYAA213	2.5" to 24", 6.35 cm to 60.0 cm	2.51

Maximum flange thickness 1.5", 3.8cm

Fall arrest block

Tiger TIB Fall Arrest Retractable Lifelines / Inertia Reels are designed to reduce vertical impact force on the body caused by falling from height. They are used to provide semi-permanent fall protection. The lifeline tension allows the user to move freely around the work area.

PPE Category III Retractable Type Fall Arrestor - wire and webbing types available.

Wire type

Available with 6m, 10m, 15m, 20m, 30m wire rope lengths.

- Lightweight, compact and durable
- Triple pawl brake system with energy dissipating mechanism
- Side cable exit for smooth operation and reduced cable wear
- 150kg capacity for operator and tools
- Top anchor point with built-in swivel-limits lifeline twisting
- Supplied with screw gate karabiner for fitting to a suitable anchor point
- Top scaffold hook available as an option
- Lower self-locking snap hook and swivel with built-in impact indicator for connecting directly to the safety harness
- All fittings meet EN 362:2002
- Buffer spring at cable exit protects block and allows for smooth operation
- Fully serviceable by an approved Service Agent/Centre
- High strength ABS (thermoplastic) casing
- Ergonomic carrying handle makes transport, set-up and storage easy and safe
- Side case with metal bush for shaft housing
- Minimum static strength 15kN
- Easy to inspect
- 4.8mm galvanised wire rope
- Supplied with pull down cord
- Conforms to EN 360:2002 EC Notified Body Apave
- Braking force: less than 6kN
- Operating Temperature: -30°C to +50°C



Triple pawl brake system

Product Code	Length of wire (m)	Net Weight (kg)
TIB-06	6	5.9
TIB-10	10	6.5
TIB-15	15	8.0
TIB-20	20	10.8
TIB-30	30	13.3



Webbing type

Available with 2m, 3.5m and 6m webbing lengths

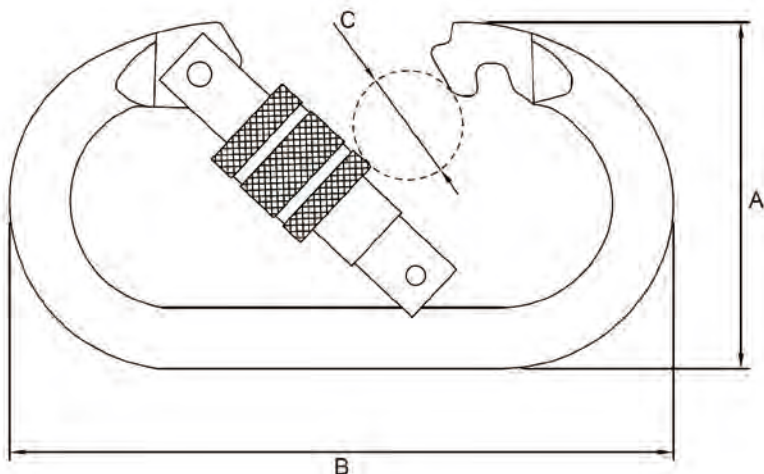
- Lightweight, compact and durable
- Ideal for use in areas where a wire rope could damage fragile items in the work area
- Top anchor point with built-in swivel - limits lifeline twisting (2m and 3.5m models)
- Supplied with screw gate karabiner for fitting to a suitable anchor point
- Top scaffold hook available as an option
- 6m model complete with lower self-locking snap hook and swivel with built-in impact indicator
- 2m and 3.5m models with "rip stitch indicator" and ultra lightweight self-locking hook
- All fittings meet EN 362:2002
- 140 kg capacity
- Lightweight aluminium housing for 2m and 3.5m models
- High Strength ABS (thermoplastic) casing for 6m model
- Minimum static strength 15kN
- Easy to inspect
- Dyneema webbing
- 3.5m and 6m models supplied with pull down cord
- Conforms to EN 360:2002
- Braking force: less than 6kN
- Operating Temperature: -30°C to +50°C



Product Code	Length of webbing (m)	Width of webbing (mm)	Net Weight (kg)
TIB-02-W	2	25	1.15
TIB-035-W	3.5	25	1.6
TIB-06-W	6	20	2.0

Karabiners and scaffold hooks

- Quick and versatile rigging point for personal fall protection equipment
- High tensile steel
- CE Certified - CE 0321
- These units meet the requirements within EN 362:2004/B
- TS-507 has UIAA certification
- Scaffold hooks are provided with captive pins to prevent rotation during use

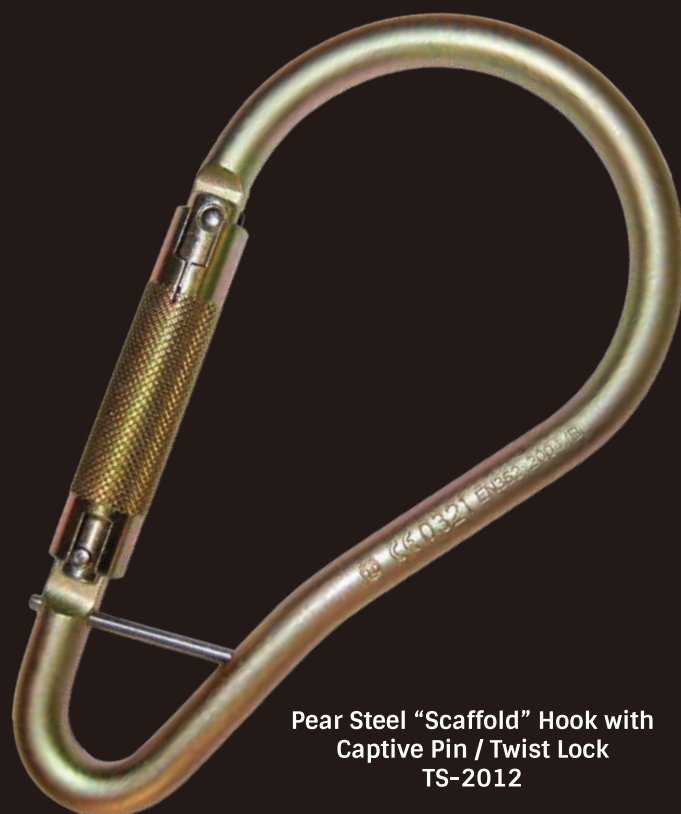


Oval steel karabiner / Screw lock
TS-507

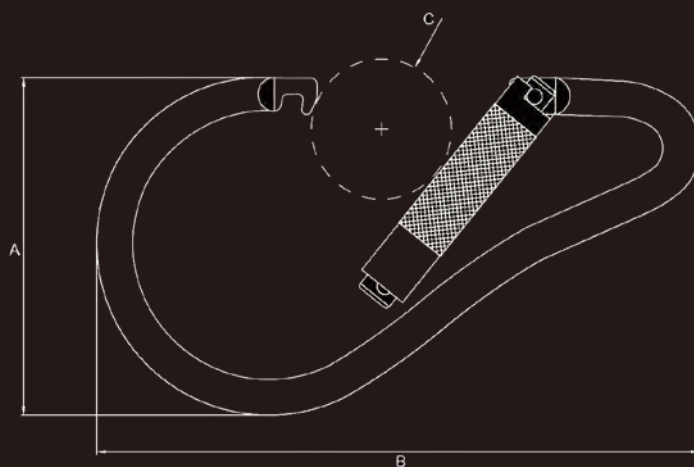
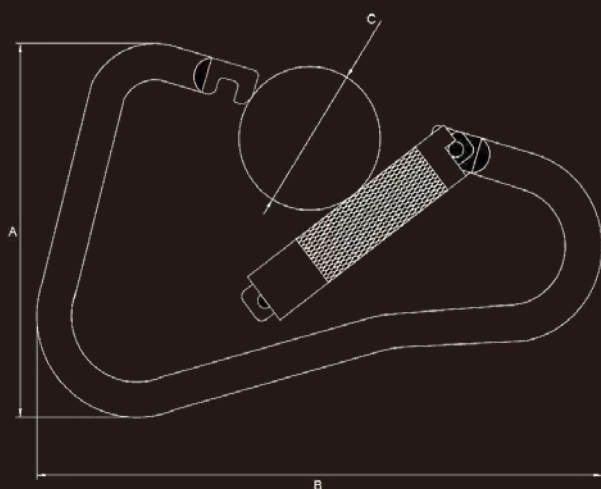
Product Code	Minimum breaking strength	Dimensions (mm)			Box Quantity	Net Weight (g)
		A	B	C		
TS-507	25kn / 5620lb	57	109	18	100	165



Offset Steel "Scaffold" Hook with
Captive Pin / Twist Lock
TS-2151



Pear Steel "Scaffold" Hook with
Captive Pin / Twist Lock
TS-2012



Product Code	Minimum breaking strength	Dimensions (mm)			Box Quantity	Net Weight (g)
		A	B	C		
TS-2151	50kn / 11240lbs	142	222	56	30	723
TS-2012	35kn / 7868lbs	132	237	55	30	746

WINCHING

Tiger have a wide range of winches used in many industries throughout the world. They are of superior construction and built to last. The high quality powder coated finish gives maximum corrosion resistance. They are rugged and durable to withstand the harsh conditions they are used in. Tiger are manufacturers of the original brake hand winch.



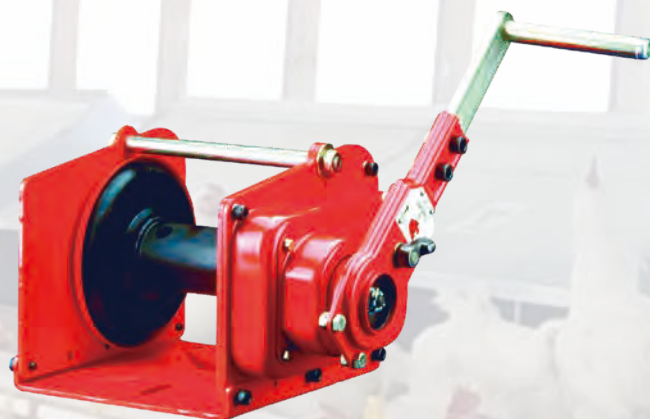
Ceiling mounted winches



Fire hose winders



Hand winches



Heavy duty winches



Corrosion protected winches



Brake hand winches

Brake hand winch BHW

The Tiger Brake Winch is a high quality multi-purpose winch used for a wide variety of lifting and hoisting applications. The automatic brake ensures the load remains suspended when the crank is released and avoids unchecked descent of the load; there is no freewheeling making the hand winch extremely safe to operate. All the mechanical components are enclosed for protection against dust, dirt and rain contamination. This equipment has a lifting capacity ranging from 800lbs to 2600lbs. The BHW is compact and lightweight yet rugged and durable. These units meet and exceed all the requirements within BS EN 13157:2004+A1:2009.

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



Dual Handle Option



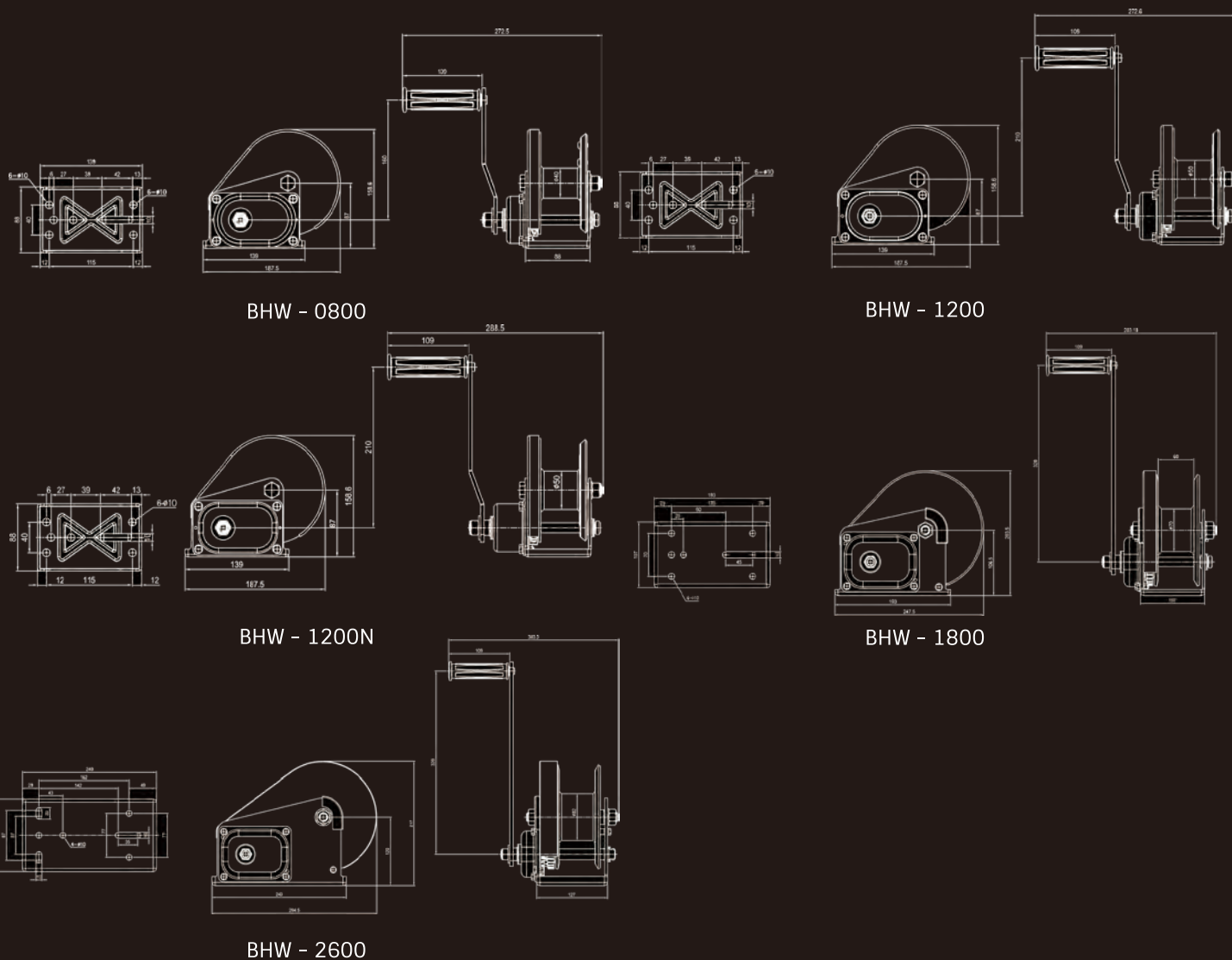
Noiseless 1200lb model

Product Code	Pulling capacity (lbs/kg)	Lifting capacity (lbs/kg)			Gear ratio	Hub dia Ø (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

Corrosion resistant version

This model is protected by our unique coating – OCP (Organic Compound Protection). The uniqueness of this coating gives unprecedented long term reliability and superior corrosion resistance and protection in the most severe conditions. The OCP coating provides excellent friction protection and has been proven to be effective through at least 1000 hours of the ASTM B 117 Salt Spray Test. The coating gives the properties of stainless steel without the cost implications.





Winch straps (for pulling only)

Product Code	Description	Width (mm)	Thickness (mm)	Breaking Load (kg)	Available for
TG-48	6 meters with safety hook	48	1.2	2068.5	BHW-0800 & BHW-1200
TG-54	9 meters with safety hook	54	1.4	2864.0	BHW-1800
TG-60	9 meters with safety hook	60	1.7	4136.0	BHW-2600

Wire rope

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

Ceiling mounted winches

Ceiling Mount Winch SF-5000 (wire)/SF-5000-S (strap)

- 5000lb/2270kg capacity
- Split reel, which allows for operation of two cables
- Loop drive allows the winch to be mounted out of reach and operated with an extension pole fitted to engage the loop
- Positive load-actuated brake can hold the load in any position
- Gears and brake are fully covered to prevent dust, dirt and rain contamination
- Very low operator effort is required for easy operation



SF-5000



SF-5000-S

Electric Ceiling Mount Winch SF-5000E (wire)/SF-5000E-S (strap)

- 5000lb/2270kg capacity
- Compact and light weight
- Split reel, which allows for operation of two cables
- Completely sealed to prevent dust, dirt and rain contamination
- Brake motor for quick and safe stopping
- Very low operator effort is required for easy operation
- Powerful and smooth
- Can be operated manually during power failure (option)

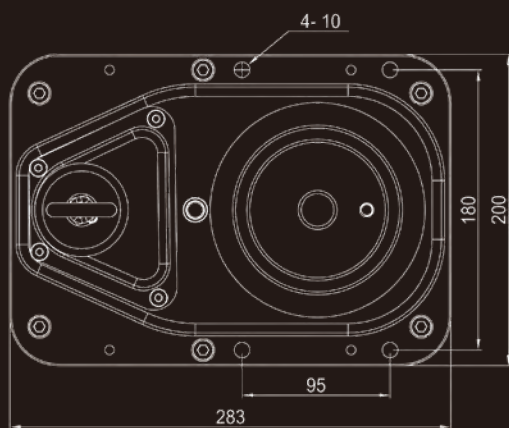
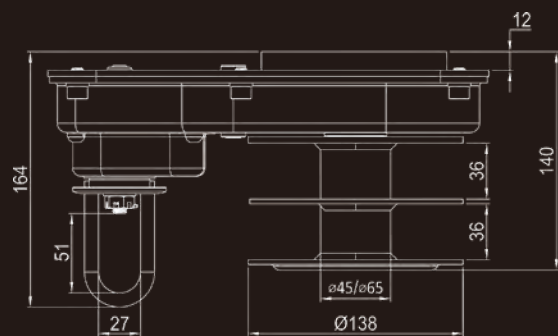


SF-5000E

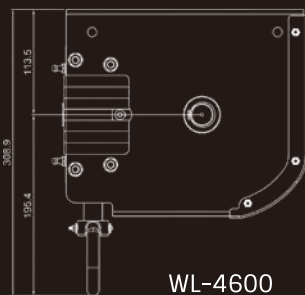
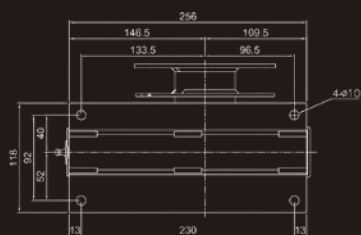
Heavy Duty Worm Gear Winch WL-4600

- 4600lb/2090kg capacity
- Self-braking
- Available in regular or split reel, which allows for operation of two line or cables for greater versatility
- Completely sealed to prevent dust, dirt and rain contamination

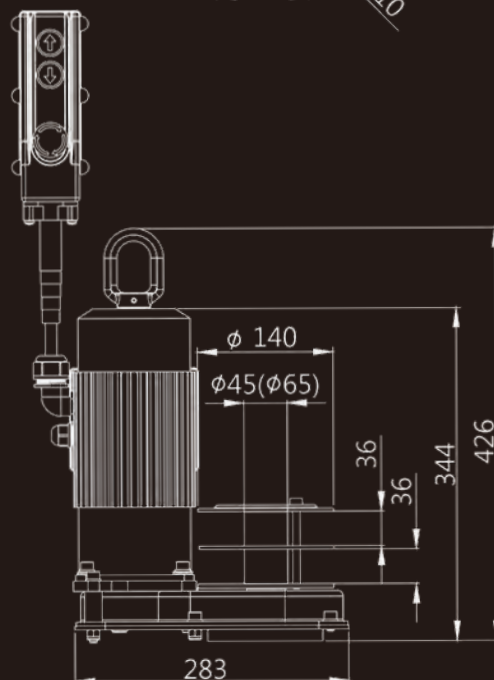
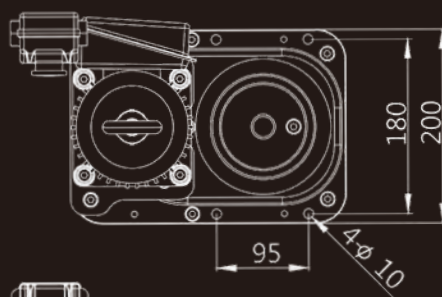
WL-4600



SF-5000



WL-4600



SF-5000E

Drum diameter:
SF-5000 (for wire)=Ø65mm
SF-5000 (for strap)=Ø45mm

Other loop sizes available

Product Code	Lifting capacity (first layer)	Lifting capacity (last layer)	Hand force (kg)	Gear ratio	Hub diameter (mm)	Unit weight (with loop) (kg)	Cable diameter (mm/inch)	Cable storage cap. (m)
SF-5000	5000/2270	2670/1210	4	90.24:1	Ø65	9.3	Ø6.4 / Ø1/4	11*2
SF-5000-S	5000/2270	2670/1210	4	90.24:1	Ø45	9.3	--	4.5*2
SF-5000E	5000/2270	2670/1210	--	90.24:1	Ø65	23.14	Ø6.4 / Ø1/4	11*2
SF-5000E-S	5000/2270	2670/1210	--	90.24:1	Ø45	23.14	--	4.5*2
WL-4600	4600/2090	2285/1035	6	65:1	Ø65	12.5	Ø6.4 / Ø1/4	11*2

Hand winches



General Purpose Hand Winch HW-2000

- 2000lb/900kg capacity
- Available in regular or split reel, which allows for operation of two line or cables for greater versatility
- Available in handle or loop drive models
- Can be ceiling mounted with loop drive
- Operating temperature -20°C to +80°C (temperature range of -40°C to +80°C available as an option)

General Purpose Hand Winch HW-1200

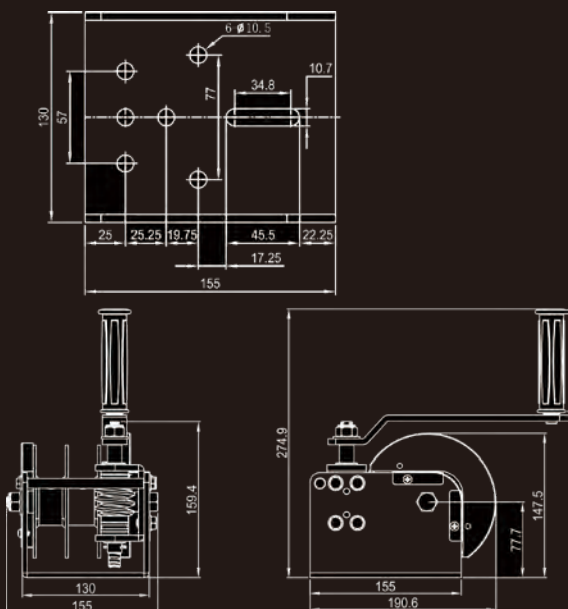
- 1200lb/545kg capacity
- Ability to disengage the gear to allow fast pay out of the cable

General Purpose Hand Winch HW-0600

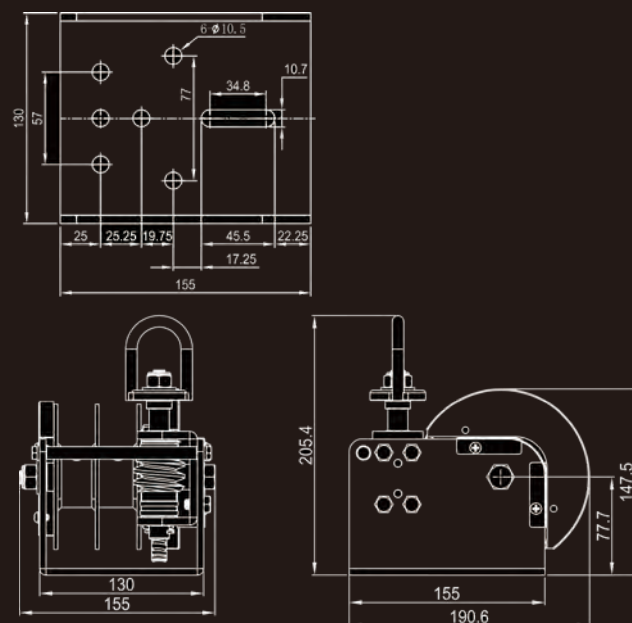
- 600lb/270kg capacity
- Ability to disengage the gear to allow fast pay out of the cable

Product Code	Pulling capacity (lbs/kg)	Hand force required (kg)	Gear ratio	Hub diameter (mm)	Handle length (mm)	Unit weight (with handle) (kg)	Unit weight (with loop)	Cable diameter (mm/ inch)	Cable storage cap. (m)
HW-0600	600/270	7.0	3.1:1	Ø19	175	*2.26		Ø4.0/ Ø5/32	28
HW-1200	1200/545	20.0	4.1:1	Ø50	210	*2.84		Ø4.8/ Ø3/16	29
HW-2000	2000/900	4.5	41:1	Ø48	195	*5.1	*4.8	Ø5.6/ Ø7/32	11*2

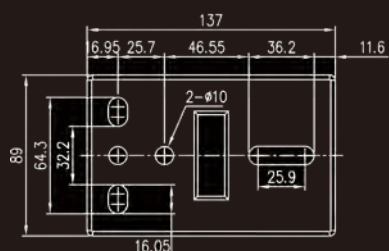
*Weights for HW range are for single reel model
For winches with split reels, each side has half the capacity



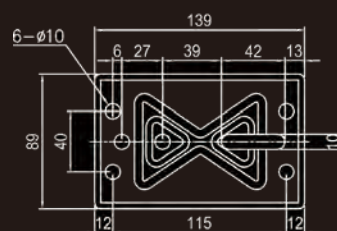
HW-2000
(with handle)



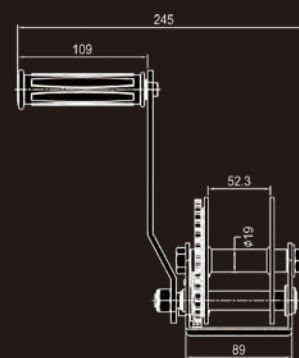
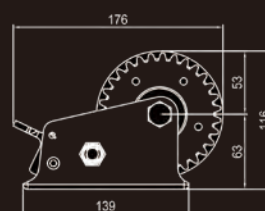
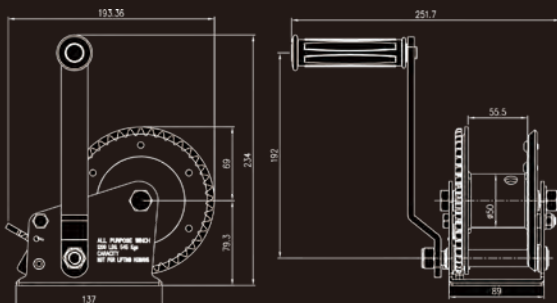
HW-2000
(with loop)



HW-1200



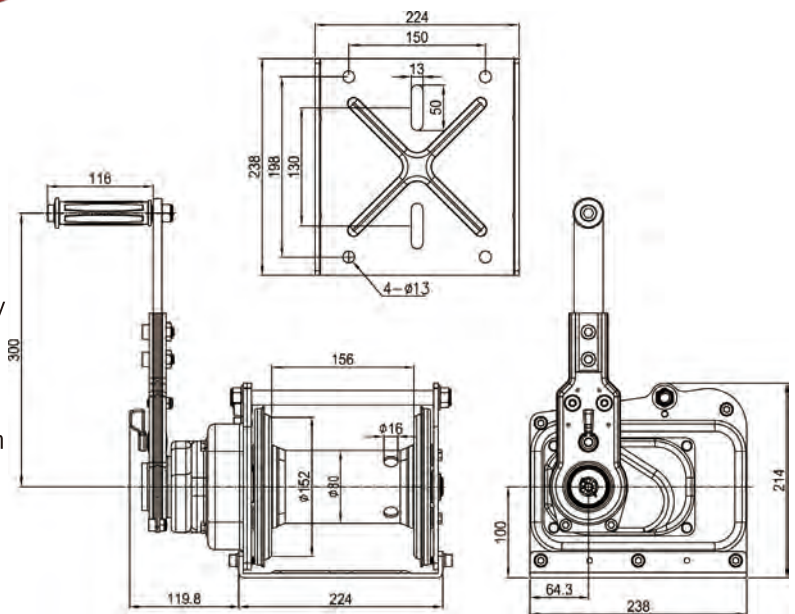
HW-600



Industrial winch



- 2200lb/1000kg lifting & 4400lb/2000kg pulling capacity
- Ratchet handle permits reciprocating handle movement in both directions for lifting and lowering loads
- Positive load-actuated brake can hold the load in any position
- Gears and brake are fully covered to prevent dust, dirt and rain contamination
- Very low operator effort is required for easy operation
- Ratchet handle accommodates installation in cramped locations such as wall and floor



Product Code	Pulling capacity (lbs/kg)	Lifting capacity (lbs/kg)	Hand force required (kg)	Gear ratio	Hub diameter (mm)	Handle length (mm)	Unit weight (with handle) (kg)	Cable diameter (mm/ inch)	Cable storage cap. (m)
SF-2200	4400/2000	2200/1000	10.0	22.2:1	Ø80	300	17.5	Ø8.0/ Ø5/16	45

Fire hose winder



- Two types available – British type (FH-01) and General type (FH-02)
- Single and double side winding methods for Dutch roll
- Movable main axis design for removing the hose easily
- Patent protected design
- Also available with pull handle and castors

Product Code	Dimensions (mm)			Hose storage capacity (m)	Hand force required (kg)		Unit Weight (kg)
	Width	Depth	Height	Max	Min	Max	
FH-01 – British Type	560	400	580	25	1	6	13.5
FH-02 – General Type	560	400	580	25	1	6	11.8

Product Guidance

The guidance that comes with our products is amongst the best in the industry and covers Safety Information, Product Operation, Inspection and Maintenance, Transport, Storage, Decommissioning and Disposal, Manufacturer Testing and Verification, Product Warranty and Warnings, Technical Data, Exploded Diagrams and an Inspection Log. Relevant chain block and lever hoist manuals also include information on using our products for cross hauling, fleeting and drifting applications.



Quality Statement

Tiger Lifting is committed to providing defect free products to its customers on time and within budget and to a standard of service that fully meets our customers' needs.

We operate a Quality Management System that has gained BS EN ISO 9001:2008 certification, including aspects specific to the design, development, manufacture and distribution of material handling equipment and associated products.

We communicate throughout our organisation the importance of meeting customer needs and all relevant statutory and regulatory requirements. We make the resources available to ensure that these needs are met and that all our staff are trained and aware of our philosophy of constant, logical, and sustainable improvement throughout every single aspect of our organisation.

Product Support

We hold complete technical files for our products to provide full back-up and reassurance on our products' performance and to ensure that advice for our equipment is readily available. We have a wealth of technical expertise and qualified personnel as well as specialised dealers and distributors to provide competent know-how, service and full product support.

Product Documentation

Our products are provided with all relevant documentation, for example an EC Declaration of Conformity confirming the tested status of the product.

We can also supply Type 3.1 Inspection Certificates In Accordance With BS EN 10204:2004 (E) (Material certificates) if required.

Certificates of Origin attested by our Chamber of Commerce can be supplied for export orders, along with other relevant export documentation.

Returns Policy

We would like to draw your attention to Tiger Lifting's policy on the returning of goods, either when:

- a. Incorrect goods have been ordered by the distributor or end user.
- b. Goods have been despatched but are later cancelled or unwanted by the distributor or end user.

On either of the above occasions, unless otherwise confirmed in writing to the contrary, we will levy a standard handling charge. This charge covers handling costs as well as QA and inspection of returned goods. The handling charge ranges from 15% to 25% of the net value less any carriage charges, depending on the goods and their condition. Items manufactured to customers' special requirements cannot be returned for credit.

Before returning any goods you must contact us for authorisation. The item is your responsibility until it reaches us. Therefore for your own protection we recommend that you send the goods using a delivery service that insures you for the value of the goods. The cost of returning the item to us is your responsibility.

When we receive the goods, we will inspect each item before it is accepted back. Goods that can't be returned to a saleable condition will not be accepted back. The acceptance or not of the goods and the handling charge to be applied will then be communicated back to you.

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Terms and Conditions

To view our terms and conditions please visit: www.tigerlifting.com/terms-conditions/

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We believe that the information in this document, including technical information and any advice, is reliable although we give no guarantee as to its accuracy or completeness. The user of our products must determine if the product, either used alone or in conjunction with other products, is suitable for their purpose and assumes all risk and liability in connection with those decisions. You are strongly advised to carry out a risk assessment before selecting Tiger products for any proposed application.

Before using any product we offer, you must read and understand the product user guide for that product. The use of every product we offered is governed by separate and unique instructions and safety warnings. The information provided in this catalogue does not supplement or supersede those warnings. To the extent product information presented in this catalogue is inconsistent with the product information or safety information for a specific product, the information and warnings that accompany the specific product shall govern its use.

Tiger Lifting will not be held liable for any malfunction, lack of performance or accident if the product is being used in conjunction with any unauthorised part or not in accordance with the operating instructions.

We have made every effort to make sure this document is accurate. The information contained in this document does not form part of any contract. Mistakes and errors reserved.

Due to our policy of continual product development, dimensions, weights and specifications may change without prior notice. Please check with your Tiger sales team when ordering.



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