Lifting & Fall
Protection Services
Liftsafe Solutions Ltd

Tel: 01427 811095 Fax: 01427 615811

Website: www.liftsafesolutions.co.uk

Email: sales@liftsafesolutions.co.uk

Company Registration Number: 06569773

Tiger Chain Block Hoist

Main Features

- Range from 500kg – 20000kg
- Rugged steel body construction
- Lightweight and portable
- Double cover protection for brake chamber
- Drop forged & heat treated alloy hooks
- High quality alloy calibrated load chain
- Safe reliable twin pawl mechanical brake
- Guaranteed light load protection
- Heat treated alloy steel triple spur gears and pinion shaft
- Operating temperature of -50°C to +50°C
- Proof tested to 1.5 times rated capacity
- Can be chained to meet your exact requirements
- Individual spares readily available

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Tiger Heavy Duty Chain Block

The Tiger chain block 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 Tiger chain block 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

Safety Brake:
The highly efficient twin pawl brake works instantly when the operation is stopped and securely holds the load. Loads are lowered under perfect control, allowing for precise operations. The Tiger chain block passes easily the “brake lock out test” as per BS 3243 with a 5% load of the rated capacity.

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.

Load Chains:
Tiger only use the highest quality alloy, calibrated load chains in Grade 80 (T) or 100 (V)

Hooks:
Drop forged and heat treated alloy hooks are furnished with heavy duty latch kits that fully engage into the nose of the hook 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. Recessed forgings offer full protection to the load chain anchor bolts on all our bottom hooks.

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

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

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.

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Convertibility:

The Tiger chain block can be easily converted to have Load Limiters fitted. The top hook can be replaced by a competent person so the Tiger chain block can be directly fitted to our beam trolley range of the equivalent capacity achieving the lowest possible headroom.

Finish:

The Tiger chain block is finished in our high quality powder coat paint offering excellent corrosion protection.

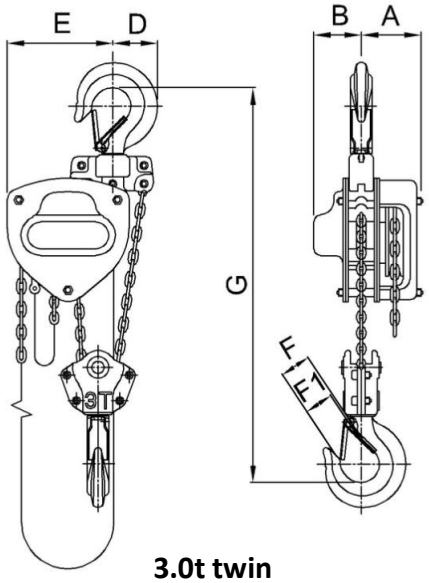
Proof Load Tests:

Every chain block is fully tested to 1.5 times its rated capacity.

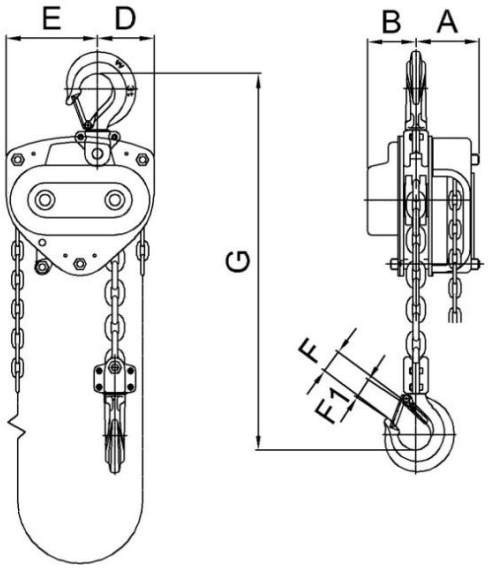
Technical Data

Product Code	Capacity (tonne)	Effort (kg)	Dimensions (mm)							Load Chain		Standard HOL (m)	Mass Kg @ std HOL
			A	B	D	E	F	F1	G	Diameter (mm)	No. of falls		
CBH50OT	0.	21	89	67	50	80	30	26	305	ø6.3	1	3	10.8
CBH1000T	1.	25	89	67	63	87	33	28	340	ø6.3	1	3	12.0
CBH1500T	1.	32	93	73	75	105	38	34	385	ø7.1	1	3	16.3
CBH2000T	2.	34	98	77	85	115	43	38	420	ø8.0	1	3	20.6
CBH2000LT	2.	32	93	73	75	105	43	38	399	ø7.1	1	3	16.5
CBH3000T	3.	38	109	84	98	157	43	38	550	ø10.0	1	3	32.5
CBH3000TT	3.	34	93	73	60	150	43	38	465	ø7.1	2	3	24.8
CBH5000T	5.	37	98	77	120	210	57	52	575	ø8.0	3	3	39.0
CBH10000T	10.0	40	109	84	153	263	60	54	660	ø10.0	3	3	62.3
CBH20000T	20.0	43	160	90	140	350	90	70	1050	ø10.0	6	3	180.0

Technical Drawings



3.0t twin



0.5t – 2.0t & 3.0t single

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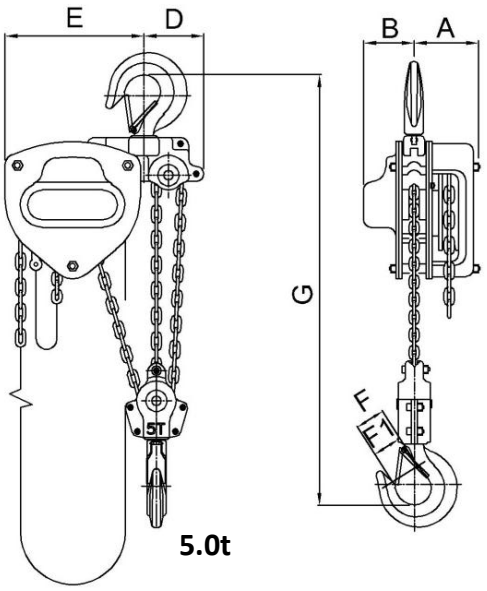
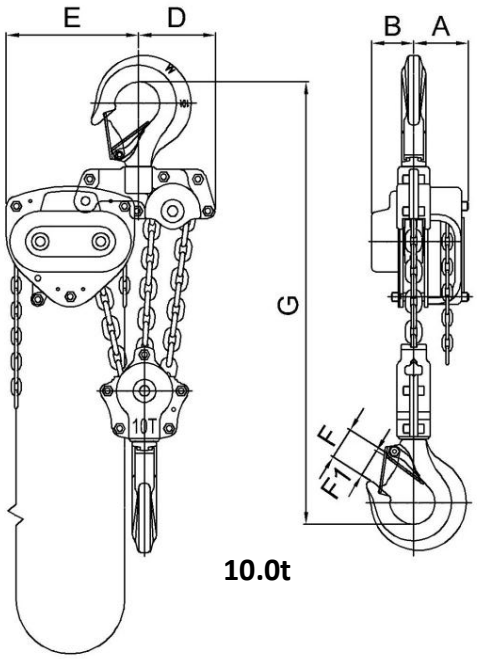
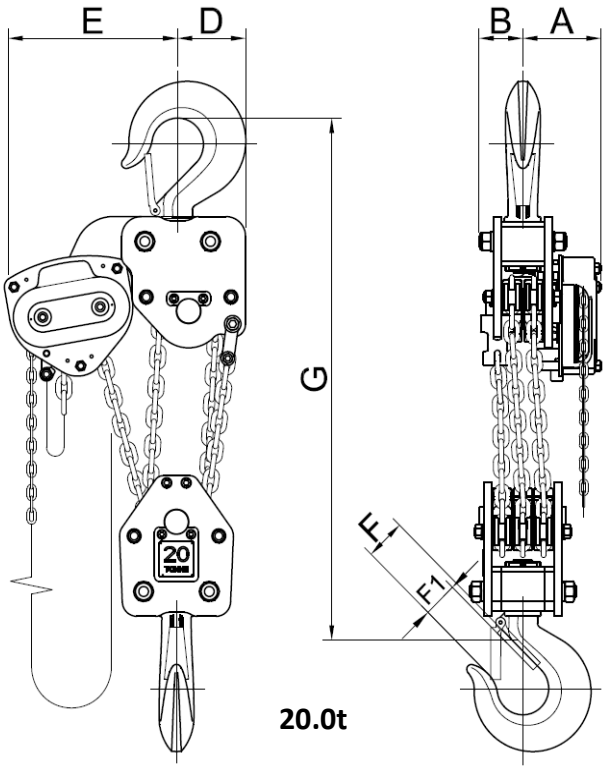


5.0t



10.0t



20.0t