



Technical Oilfield Supplies Centre

Your Partners in Lifting, Marine & Fall Protection



Lifting - Marine - Material Handling - Fall Protection



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Inspection Testing and Certification

Cautions or Warnings

All ratings shown in this literature are based upon the items being new or in “as new” condition. These ratings may not be applicable if the sling and fitting is exposed to misuse, overloading, corrosion, wear, deformation, intentional alteration and other usage factors. Catalogue ratings are to be the greatest load that shall be applied to the sling or fitting at the identified hitch configuration and induced angle. Shock loading must be avoided.

Follow OSHA, ASME B30.9 and LEEA guidelines. Review and follow all Manufacturers guidelines including all Mechanical and Environmental Considerations, Inspection Instructions, Warning Literature and Warning Tag Instructions.

When in doubt, always consult the manufacturer directly.



Introduction

Technical Oilfield Supplies Centre (TOSC) is a professionally managed Trading & Engineering Company dealing in various types of Wire Ropes, Lifting tackles, Marine Equipments, Height Safety Products and Material Handling Equipments, since inception, in the State of QATAR. We are a part of Bhatia Brothers - Lifting, who have been serving this region and its customers for the past five Decades and is acknowledged as one of the leaders in the Middle East in providing lifting solutions to the offshore, Oil & Gas and Construction Industry. Bhatia Brothers Lifting is the authorised manufacturer and dealer of SLINGMAX products in the Middle East. TOSC has also its group companies operating all over UAE, Oman, Qatar and in India.

TOSC Lifting manufactures, stocks and supplies a wide range of products like Wire Ropes, Slings & Fittings, Cable Laid Slings & Grommets, Polyester Webbing Slings, Polyester Round Slings, Grade 80/ 100 Chains & Fittings, All type Loose Lifting Gears, Crosby Range of Chain and Wire Rope Fittings, Marine Chains, PP and Nylon Ropes, Material Handling Equipments, Personnel Height Safety Products. We also provides services in the field of Inspection, Testing & Certification of Lifting Equipments and Height Safety Products.

Our product catalogue endeavour to provide you a quick look at the product range offered by us. We are regularly adding new products to our vast product range, so any related enquiries outside the compass of this catalogue will be welcomed and dealt in a timely and efficient manner.

Our Agencies / Partners



Our Facilities

- ◆ 600 tonne Horizontal test bed
- ◆ 1500 tonne Wire Rope Splicing Press
- ◆ 4 tonne Wire Rope Reeling Machine
- ◆ Large Stocks of Loose Lifting Tackles, Wire Ropes, Material Handling Equipments, PP Ropes and Height Safety Products
- ◆ Chain Block Live Load Test Rig
- ◆ Stitching Machine for Webbing Slings
- ◆ Wireless Load Cells



Crosby

Wire Rope End Fittings



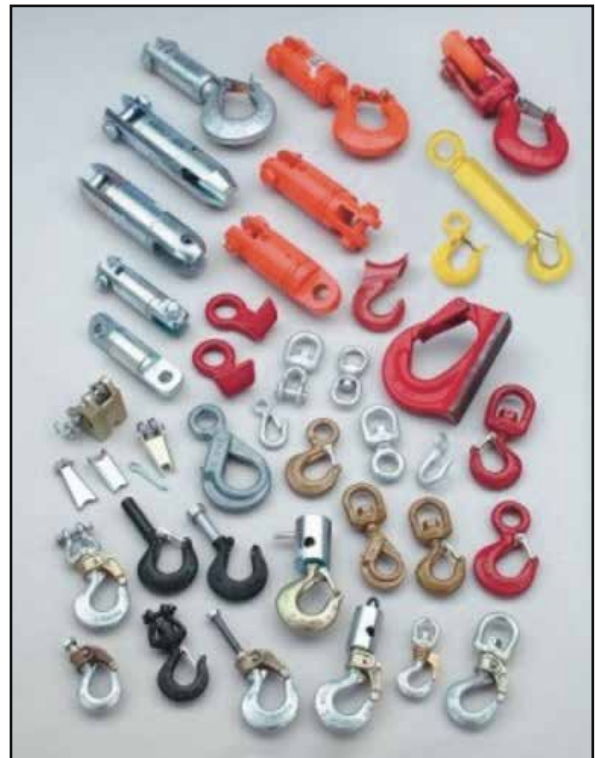
Shackles



Sling Saver Fittings



Hooks & Swivels

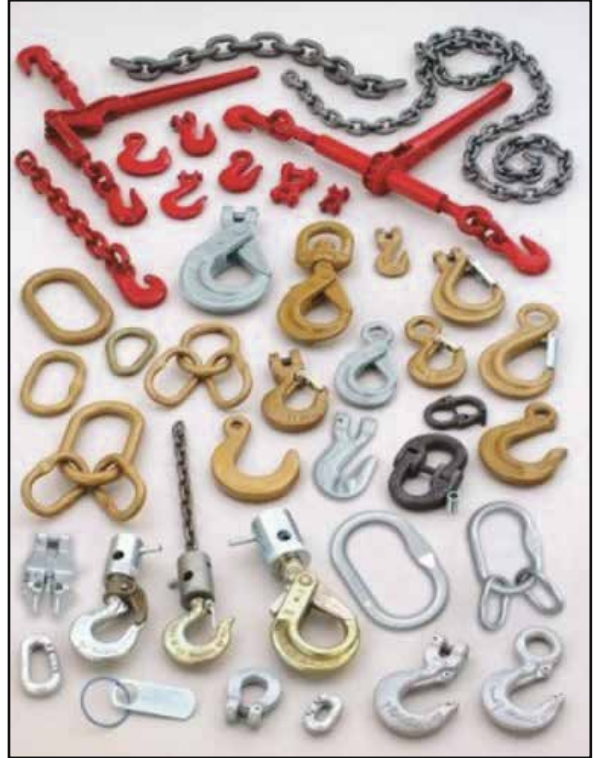


Crosby

Rigging Accessories



Chain Accessories



McKissick Blocks



Western Marine Blocks

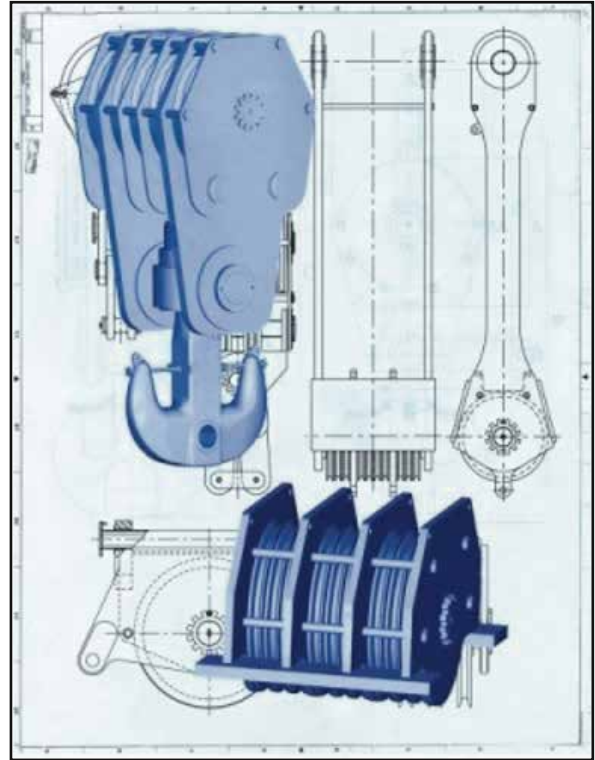


Crosby

Liftings Clamps



Special Products



Special Rigging



Wire Lock kit



Wire Rope Slings

Wire rope slings can be assembled to your own requirements. We can supply wire rope slings ranges from 6 mm to 115mm dia. Assembly can be Single leg, Two leg, Three leg and Four leg.

Fitting Options



Soft Eye Machine Swaged



Thimble Eye Machine Swaged



Steel Ferrule Machine Swaged



Open Spelter Socket








Closed Spelter Socket



Closed Swage Socket

Sling Chart Conforming to BS EN 13414 Part 1 of 2003

	One-leg sling	Two-leg sling		Three & Four leg sling		Endless sling
	Angle to the vertical	0°	0° to 45°	Over 45° to 60°	0° to 45°	Over 45° to 60°
						
	Direct	Direct	Direct	Direct	Direct	Choke hitch
Nominal rope diameter in mm	Working load limits in tonnes					
8	0,750	1,05	0,750	1,55	1,10	1,20
9	0,950	1,30	0,950	2,00	1,40	1,50
10	1,15	1,60	1,15	2,40	1,70	1,85
11	1,40	2,00	1,40	3,00	2,12	2,25
12	1,70	2,30	1,70	3,55	2,50	2,70
13	2,00	2,80	2,00	4,15	3,00	3,15
14	2,25	3,15	2,25	4,80	3,40	3,70
16	3,00	4,20	3,00	6,30	4,50	4,80
18	3,70	5,20	3,70	7,80	5,65	6,00
20	4,60	6,50	4,60	9,80	6,90	7,35
22	5,65	7,80	5,65	11,8	8,40	9,00
24	6,70	9,40	6,70	14,0	10,0	10,6
26	7,80	11,0	7,80	16,5	11,5	12,5
28	9,00	12,5	9,00	19,0	13,5	14,5
32	11,8	16,5	11,8	25,0	17,5	19,0
36	15,0	21,0	15,0	31,5	22,5	23,5
40	18,5	26,0	18,5	39,0	28,0	30,0
44	22,5	31,5	22,5	47,0	33,5	36,0
48	26,0	37,0	26,0	55,0	40,0	42,0
52	31,5	44,0	31,5	66,0	47,0	50,0
56	36,0	50,0	36,0	76,0	54,0	58,0
60	42,0	58,0	42,0	88,0	63,0	67,0

Cable Laid Rope



Cable Laid Rope

Nominal Rope Dia.		Outer-Core Rope		Calculated Breaking Load		Approximate Mass Weight
MM	INCH	MM	MM	KN	M/TON	KG/METER
102	4	32	36	3980	405	31.6
114	4 1/2	36	42	5102	520	40.5
120	4 3/4	38	44	5690	580	48.0
124	5	40	44	6280	640	53.0
134	5 1/4	42	48	6918	705	58.0
140	5 1/2	44	50	7652	780	61.0
152	6	48	56	9125	930	73.0
166	6 1/2	52	60	10595	1080	85.0
178	7	56	64	12362	1260	98.0
191	7 1/2	60	71	14275	1455	112.0
204	8	64	76	16728	1705	133.0
222	8 3/4	71	80	19915	2030	162.0
242	9 1/2	76	90	23890	2435	185.0
250	10	80	90	25410	2590	208.0
280	11	90	100	31492	3210	262.0
304	12	90	110	35415	2610	310.0
318	12 1/2	100	114	38458	3920	330.0
346	13 1/2	110	124	44930	4580	390.0
356	14	112	128	46696	4760	410.0
384	15	120	142	55232	5630	460.0
396	15 1/2	125	144	58518	5965	515.0
416	16 1/2	130	152	62785	6400	590.0
434	17	136	156	68474	6980	620.0
460	18	145	165	77500	7900	710.0

Cable Laid Grommet (Endless Type)



Nominal Rope Single Part		Unit Rope Dia.	Calculated Breaking Load		Approx Mass Weight
MM	INCH	MM	KN	M/TON	KG/METER
60	2 1/4	20	2404	245	13
66	2 1/2	22	3140	320	16
72	2 3/4	24	3728	380	20
78	3	26	4258	434	20
84	3 1/4	28	5102	520	26
90	3 1/2	30	5887	600	30
96	3 3/4	32	6671	680	33
108	4 1/4	36	8261	842	43
114	4 1/2	38	9516	970	49
120	4 3/4	40	10517	1072	52
126	5	42	11773	1200	59
132	5 1/4	44	12754	1300	62
144	5 2/3	48	14716	1500	75
150	6	50	16481	1680	82
156	6 1/4	52	18149	1850	88
162	6 1/2	54	19130	1950	92
168	6 3/4	56	21583	2200	101
180	7	60	23545	2400	120
192	7 1/2	64	27469	2800	138
213	8 1/2	71	32864	3350	172
231	9	77	38750	3950	193
240	9 1/2	80	42184	4300	216
270	10 1/2	90	51994	5300	268
300	12	100	66709	6800	355
342	13 1/2	114	80444	8200	445

Chainslings Grade 8

Grade 8 chainslings can be assembled to your own requirements. We can supply chainslings ranging from 1.5 tonne to 67 tonne. Assembly can be single leg, 2 leg, 3 leg & 4 leg.

(please see chart below to determine your requirements).

Fitting Options



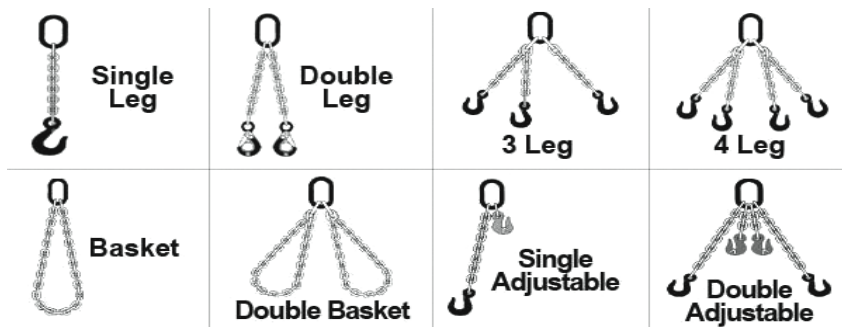
1 Leg



2 Leg (brothers)



4 leg



Chain Diameter	α angle from leg to vertical		α angle from leg to vertical		α angle from leg to vertical		α angle from leg to vertical		Sling Configuration
	90°	0-45°	45-60°	0-45°	45-60°	0-45°	45-60°		
Factor	1	1.4	1	2.1	1.5	2.1	1.5	Working Load Limit In Tonnes	
7mm	1.50	2.12	1.50	3.15	2.24	3.15	2.24		
8mm	2.00	2.80	2.00	4.25	3.00	4.25	3.00		
10mm	3.15	4.25	3.15	6.70	4.75	6.70	4.75		
13mm	5.30	7.50	5.30	11.20	8.00	11.20	8.00		
16mm	8.00	11.20	8.00	17.00	11.80	17.00	11.80		
20mm	12.50	17.00	12.50	26.50	19.00	26.50	19.00		
22mm	15.00	21.20	15.00	31.50	22.40	31.50	22.40		
26mm	21.20	30.00	21.20	45.00	31.50	45.00	31.50		
32mm	31.50	45.00	31.50	67.00	47.50	67.00	47.50		

Fibre Slings

Polyester Webbing Sling



- ◆ Manufactured from 100% high tenacity polyester material
- ◆ Multi leg slings also available
- ◆ To EN 1492-1:2000 + A1:2008

Polyester Round Sling








- ◆ Manufactured from high tenacity polyester yarn
- ◆ Covered by a seamless tightly woven, heavy duty polyester tubular sleeve.
- ◆ A soft alternative to wire or chain.
- ◆ To EN 1492-2-2000

Polyester Wear Protection Sleeves



- ◆ Wear sleeves to suit webbing & round slings
- ◆ Standard length 500mm (longer available)

	 Straight Pull	 Choke Lift	 Basket Lift 0 to 7°	 Basket Lift 0 to 45°	 Basket Lift 45 to 60°
Colour	tonne	tonne	tonne	tonne	tonne
Violet	1	0.8	2	1.4	1
Green	2	1.6	4	2.8	2
Yellow	3	2.4	6	4.2	3
Grey	4	3.2	8	5.6	4
Red	5	4.0	10	7.0	5
Brown	6	4.8	12	8.4	6
Blue	8	6.4	16	11.2	8
Orange	10	8.0	20	14.0	10
Orange	12	9.6	24	16.8	12
Orange	15	12.0	30	21.0	15
Orange	20	16.0	40	28.0	20
Orange	30	24.0	60	42.0	30

Larger Capacity Slings Available






Fibre Slings

Twin-Path® Extra Sling with Covermax® and K-Spec® Core Yarn (Check-Fast® Inspection optional)



TPXC This is the world's first truly ergonomic sling with Covermax® covers for superior abrasion resistance. These are made in sizes up to 600 tons vertical rated capacity. Larger capacity slings are available on special order. These slings have overload indicators, inner red cover, and are used worldwide in place of wire rope slings for heavy lifts. They are approximately 10% of the weight of a steel sling. These products are repairable. The Twin-Path® patented design provides the rigger with two connections between the hook and the load for redundant back-up protection. These slings have less than 1% stretch at rated capacity. It ergonomics. Productivity and safety are important, then these slings are the only choice. This is the lightest and strongest sling on the market today with K-Spec® - the longest lasting load bearing core yarn, backed by independent testing.

Note: Capacities Shown includes both paths and are for one complete slings. Sling ratings base on fittings of equal or greater capacity. conforms to ANSI/ASME B30.9 Chapter 6, NAVFAC P-307 Section 14.7.4.3 and the Cortage institute round sling standard. this chart is base on 5:1 design factor (DF) CAPACITIES ARE IN POUNDS (LBS)

Twin-Path® Sling Stock No.	Vertical	Choker	Vertical Basket	Basket Hitches		Approximate Weight (Lbs. per Ft.) (Bearing-Bearing)	Nominal Body Width (Inches)*
			90° 	60° 	45° 		
TPXCF/TPXC 1000	10,000	8,000	20,000	17,320	14,140	.40	1.5 - 3"
TPXCF/TPXC 1500	15,000	12,000	30,000	25,980	21,210	.45	1.5 - 3"
TPXCF/TPXC 2000	20,000	16,000	40,000	34,640	28,280	.51	1.5 - 3"
TPXCF/TPXC 2500	25,000	20,000	50,000	43,300	35,350	.57	2.0 - 4"
TPXCF/TPXC 3000	30,000	24,000	60,000	51,960	42,420	.71	2.0 - 4"
TPXCF/TPXC 4000	40,000	32,000	80,000	69,280	56,560	.83	2.0 - 4"
TPXCF/TPXC 5000	50,000	40,000	100,000	86,600	70,700	1.14	2.5 - 5"
TPXCF/TPXC 6000	60,000	48,000	120,000	103,920	84,840	1.27	2.5 - 5"
TPXCF/TPXC 7000	70,000	56,000	140,000	121,240	98,980	1.39	2.5 - 5"
TPXCF/TPXC 8500	85,000	68,000	170,000	147,220	120,190	1.65	3.0 - 6"
TPXCF/TPXC 10000	100,000	80,000	200,000	173,200	141,400	1.84	3.0 - 6"
TPXCF/TPXC 12500	125,000	100,000	250,000	216,500	176,750	2.35	4.0 - 8"
TPXCF/TPXC 15000	150,000	120,000	300,000	259,800	212,100	2.66	4.0 - 8"
TPXCF/TPXC 17500	175,000	140,000	350,000	303,100	247,450	3.14	4.0 - 8"
TPXCF/TPXC 20000	200,000	160,000	400,000	346,400	282,800	3.45	5.0 - 10"
TPXCF/TPXC 25000	250,000	200,000	500,000	433,000	353,500	4.07	5.0 - 10"
TPXCF/TPXC 27500	275,000	220,000	550,000	476,300	388,850	4.61	6.0 - 12"
TPXCF/TPXC 30000	300,000	240,000	600,000	519,600	424,200	4.92	6.0 - 12"
TPXCF/TPXC 40000	400,000	320,000	800,000	692,800	565,600	6.54	7.0 - 14"
TPXCF/TPXC 50000	500,000	400,000	1,000,000	866,000	707,000	8.15	7.0 - 14"
TPXCF/TPXC 60000	600,000	480,000	1,200,000	1,039,000	848,000	10.20	8.0 - 16"

*Dimensions can vary according to the hardware or bearing points the slings are used with.
Minimum is "tapered" width; Maximum is the flat tubing width.

METRIC SLINGS AVAILABLE



Your Partners In Lifting...

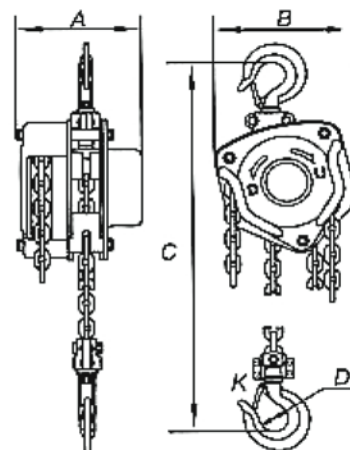
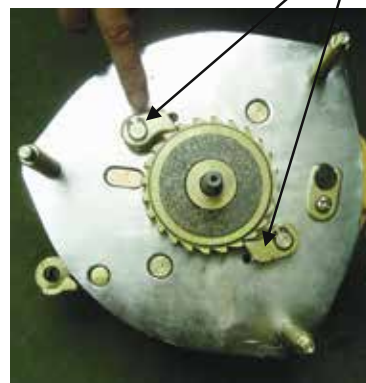


Chain Blocks CBLG



- ◆ Industrial quality
- ◆ Captive bearings on load wheels
- ◆ Surfaced hardened gears
- ◆ Close tolerance guide rollers
- ◆ Cast steel latch hook
- ◆ Lightweight & compact
- ◆ Heavy duty safety catch
- ◆ High quality G8 load chain
- ◆ Low service costs

Double Pawl For Extra Safety



	250kg	500kg	1 tonne	1.5 tonne	2 tonne	3 tonne	5 tonne	10 tonne	20 tonne	30 tonne
A	114	131	140	161	161	161	186	207	215	350
B	120	127	158	174	187	199	253	398	650	680
C	280	270	317	399	414	465	636	798	890	1380
D	31	35	35.5	45	42.5	50	64	85	110	110
K	21	30	28	36	33.5	40	50	64	85	85
LOAD CHAIN DIA	4	6	6	8	8 OR 6	8	10	10	10	10

CAPACITY	H.O.L.	FALLS OF CHAIN	WEIGHT @ 3 MTR	EXTRA WEIGHT PER METRE OF EXTRA LIFT KG
250kg	3MTR	1	5	1
500kg	3MTR	1	9.6kg	1.7
1 tonne	3MTR	1	11.8kg	1.7
1.5 tonne	3MTR	1	19kg	2.3
2 tonne	3MTR	1 OR 2	21 & 26kg	2.3
3 tonne	3MTR	2	27kg	3.7
5 tonne	3MTR	2	55kg	5.6
10 tonne	3MTR	4	93kg	9.7
20 tonne	3MTR	8	213kg	19.4
30 tonne	3MTR	12	300kg	31.78

Optional Extra

Chain Containers available for most types of manual and powered hoists



Lever Hoists LHLG

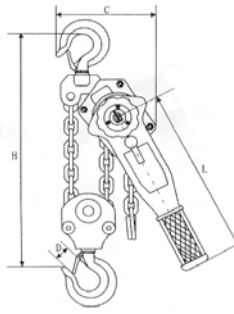
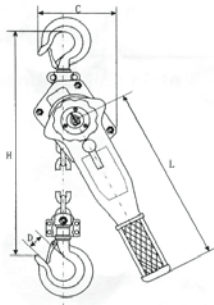
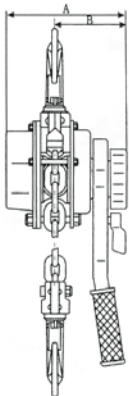
- ◆ Lightweight & compact
- ◆ Ease of use due to optimal gear ratio
- ◆ Easy pull through of load chain (not when loaded)
- ◆ Rubberised handle for comfort
- ◆ All Leverhoists fitted with 1.5 metres of load chain (longer available)
- ◆ Quality high strength load chain, 360° swivel latch hooks
- ◆ Lifting chain length can be altered to your requirements.
- ◆ Heavy duty safety catch



750kg
1500kg
3000kg



6 & 9 tonne



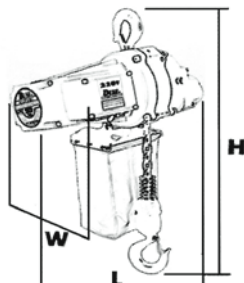
0.75T, 1.5T, 3T

6T, 9T



Product Code	Capacity (kg)	Standard H.O.L (M)	No. Of Load Chain Falls	Load Chain Diam. Ø x (mm)	Head room Hook to Hook (mm)	Length Of Lever Handle (mm)	DIMENSIONS			
							A	B	C	D
LH750X1.5M	750	1.5	1	6x18	320	280	148	90	136	30
LH1500X1.5M	1500	1.5	1	8x24	380	410	172	98	160	35
LH3000X1.5M	3000	1.5	1	10x30	480	410	200	115	180	40
LH6000X1.5M	6000	1.5	2	10x30	600	410	200	115	235	50
LH9000X1.5M	9000	1.5	3	10x30	700	410	203	115	316	85

240v Mini Electric Chain hoist



A lightweight compact single phase chain hoist. Ideal for many lifting applications, such as construction, Industrial and rental industries.

The lightweight design makes this an easy hoist to rig.

- ◆ Features a dual brake device for extra safety.
- ◆ The light weight modular design makes this hoist easy to maintain, helping to prolong its service life.
- ◆ The frame and control enclosure are weather protected against water & dust ingress.
- ◆ A baked paint finish gives the frame superior resistance to harmful environments.
- ◆ Duty Cycle 30% (max use in 1hr)
- ◆ Supplied with power lead & pendant with emergency stop.
- ◆ Manufacturers 12 month warranty

Model	Capacity (kg)	L (mm)	W (mm)	H (mm)	Phase	Lift (meter)	Chain Falls	Speed (M/Min)	Motor (kw)	Load chain	N.W (kgs)	G.W (kgs)
DU901-240V	500	420	160	480	1	3	1	5	1.3	6.3	19	23

3 Phase Electric Chain hoist



Features:

Hoist motor: squirrel cage parallel rotor motor designed specifically for hoist duty.

Hoist brake: DC disc brake with two flat-faced brake discs with life of more than 1 million actuations. Oversized brake disc's lower surface stress and prolong brake life, frequent adjustments are not necessary. Holding brake can be manually released to lower the load in the event of a power failure or malfunction.

Overload limit: the load-limiting clutch does not break the kinetic bond between the holding brake and the lifted load.

External access: the hoist gearbox does not have to be disassembled to service the load-limiting clutch.

Heavy duty hoist control: telemecanique magnetic contactors chosen specifically for heavy-duty services have a rated life of more than one million cycles.

Gear box: multi-stage high performance gear train, and gear box are precision machined for long life and quiet operation.

Push button: switches are mechanically interlocked for added safety. Strain relief cable is molded into pendant cord.

Load chain: Grade 80 super alloy load chain is precisely calibrate and heat treated for long life.

H4 duty as standard.

Each hoist thoroughly inspected and tested to over 125% of rated load prior to shipment.

Model	Capacity (kg)	L (mm)	W (mm)	H (mm)	Phase	Lift (meter)	Chain Falls	Speed (M/Min)	Motor (kw)	Load chain	N.W (kgs)	G.W (kgs)
DU905-440V	1000	430	290	600	3	3	1	6	1.5	7.1	45	55
DU906-440V	2000	430	290	630	3	3	2	3	1.5	7.1	55	66

Electric Mini Wire Hoist



- ◆ Lightweight and compact makes this an easy hoist to transport and install.
- ◆ Upper attachment ideal for fitting direct to a scaffold pole or any other suitable rated anchor point.
- ◆ Lower swivel hook has a large opening for slings etc. and a safety catch
- ◆ Ideal for construction applications, Scaffolding and general engineering projects.
- ◆ Upper limit arm protects the hoist from damage
- ◆ Limit switch & swivel bottom hook.
- ◆ Medium protection from water and dust ingress
- ◆ Supplied with power supply lead and pendant with emergency stop.
- ◆ 12 months warranty
- ◆ Pendant length 6m
- ◆ Height of lift 30m
- ◆ 230volt 50hz
- ◆ Speed 19mtrs per minute
- ◆ Closed headroom (when hook is fully up) 660mm
- ◆ 5mm Wire Rope



Model	Capacity (kg)	L (mm)	W (mm)	H (mm)	Power Voltage	Phase	Wire Rope (mm/M)		Speed (M/Min)	Motor (kw)	Nett Weight (kgs)
							50Hz	19			
DU230A	230	240	180	660	230	1	5/30	4/45	19	1.3	16

Permanent Lifting Magnets

Intended use:

For lifting and transportation of loads up to 2000 kg. Manually actuated magnets for individual use.

Features:

- Powerful Neodymium magnets ensure a maximum lifting capacity on uneven and rough contact surfaces
- SAV-BUX lifting magnets are individually tested and delivered with a test certificate.
- Break-away force is at least 3 times the nominal lifting capacity.
- The lifting capacity for round materials is at least 50% of the lifting capacity for flat materials
- Smoothly turning lever with safety lock
- Compact, robust and reliable

Applications:

- Loading and unloading of machine tools
- Handling of bars and profiles in the warehouse
- Handling of plates, blocks, bars, pipes and profiles in the workshop



Model		NEO 125	NEO 250	NEO 500	NEO 1000	NEO 1500	NEO 2000
Nominal lifting capacity*							
- Flat material	kg	125	250	500	1000	1500	2000
- Round material	kg	50	125	250	500	750	1000
Minimum thickness	mm	2	4	6	10	15	15
Diameter min./max.	mm	50/100	60/200	65/270	100/300	150/350	150/350
Length x width	mm	95 x 60	151 x 100	246 x 120	306 x 146	375 x 165	480 x 165
Height to the crane hook	mm	110	168	168	216	253	253
Weight	kg	3	10	19	36	68	85

* Nominal lifting capacity. Maximum weight for steel parts S235JR with smooth contact surfaces and of sufficient size and thickness.

The lifting capacity varies according to the type of material, the thickness, the size and the quality of the surface.

Explosion Proof Hoists

Hoisting Equipment Corrosion & Explosion protection

Yale[®]

Hand chain hoists
& Trolleys

Model Yalelift 360 ATEX
Model Yalelift IT ATEX
Model Yalelift LH ATEX
Model HTP/G ATEX



Protection classification
Ex II 2 GD c IIB T4 T 125° C X,
Ex II 2 GD c IIB T3 T 145° C



Pneumatic chain hoists
Model CPA ATEX



Protection classification
Ex II 2 GD c IIB T4 T 125° C X,
Ex II 2 GD c IIB T3 T 145° C



Ratchet lever hoists
Model UNOplus ATEX



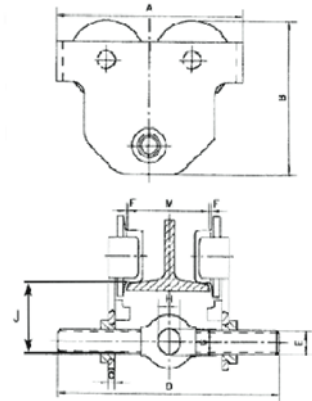
Protection classification
■ I M2,
■ II 2 GD c IIB T4 T 120° C X



Beam Trolleys



- ◆ Adjustable beam trolley
- ◆ Easy attachment to most RSJ/Beams
- ◆ Simple rotation of bar to adjust width
- ◆ High grade sealed ball bearing wheels
- ◆ Anti drop plates
- ◆ Low headroom
- ◆ Hoists fit directly on to the trolley
- ◆ Fits beam widths from 50mm - 305mm
- FOR GEARED BEAM TROLLEY**
- ◆ Movement Control by hand chain
- ◆ Length of chain to suit your needs

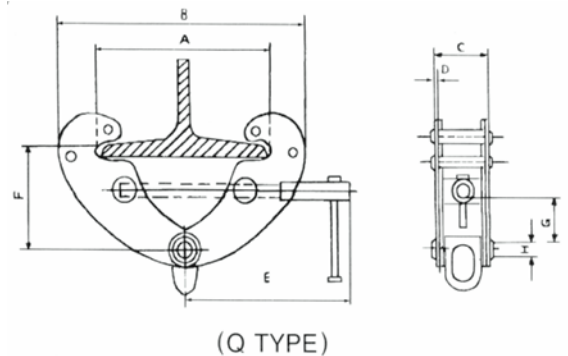


Product Code	Capacity (tonnes)	I Beam Recommended	A	B	C	D	E	H	G	F	Closed Height J	Weight (kgs)
BT0.5T	0.50	50-220	225	176.5	8	224	27	25	30	~3	80	8.5
BT0.5TW	0.50	160-305	225	176.5	8	224	27	25	30	~3	80	8.5
BT1T	1	50-220	252	188	10	283	30	30	35	~3	105	10.5
BT1TW	1	160-305	252	188	10	283	30	30	35	~3	105	10.5
BT2T	2	66-220	300	226	12	293	38	40	47	~3	120	18
BT2TW	2	160-305	300	226	12	293	38	40	47	~3	120	18
BT3T	3	74-220	360	290	14	307	45	48	58	~3	130	32
BT3TW	3	160-305	360	290	14	307	45	48	58	~3	130	32
BT5T	5	90-220	400	313	16	312	52	60	70	~3	160	48.5
BT5TW	5	160-305	400	313	16	312	52	60	70	~3	160	48.5

Beam Clamps



- ◆ Adjustable beam clamp
- ◆ Pivoting eye to attach a hoist adjustment.
- ◆ Easily adjustable to fit most beams by turning central threaded adjusting bar



Product Code	Capacity Tonnes	Adjustable Beam width (mm)	A Max	B		C	D	E	F		G Min	H	Weight (kgs)
				Min	Max				Min	Max			
BC1T	1	70-245	270	183	375	66	4	210	165	102	25	20	4.4
BC2T	2	70-245	270	183	375	74	6	210	165	102	25	20	5.1
BC3T	3	70-355	365	240	520	103	8	258	225	135	45	22	10.5
BC5T	5	70-355	365	240	520	111	10	258	225	135	45	28	17
BC10T	10	80-350	365	250	520	120	12	280	230	160	50	38	19

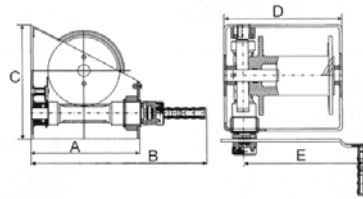
WIRE ROPE WINCHES



- ◆ Easy & safe to operate
- ◆ Very precise movement
- ◆ Light to carry due to aluminium body
- ◆ Coated finish
- ◆ Easy replaceable overload pins (extra supplied)
- ◆ Easy to clean & service
- ◆ Can be used for lifting, pulling & tensioning
- ◆ Steel model available
- ◆ Standard Rope length 20mtr.
- ◆ Other Lengths available on request

Product Code	WRW800	WRW1600	WRW3200	WRW5400
Lifting KG	800	1600	3200	5400
Pulling KG	1200	2500	5000	10800
Weight Inc 20 Mtr Rope	12KG	25KG	46KG	97kg
Rope Diameter	8.3 MM	11 MM	16MM	20MM

'B' Type Winch



Product Code	WLL (kg)	Wire Rope Ø(mm)	Length(m)	No. Of layers	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Speed
WINCHI250	250	5	20	4	150	330	150	200	240	1
WINCHI500	500	6.8	25	4	180	360	180	260	240	1
WINCHI1000	1000	9	35	4	300	490	300	300	370	1

Snatch Blocks



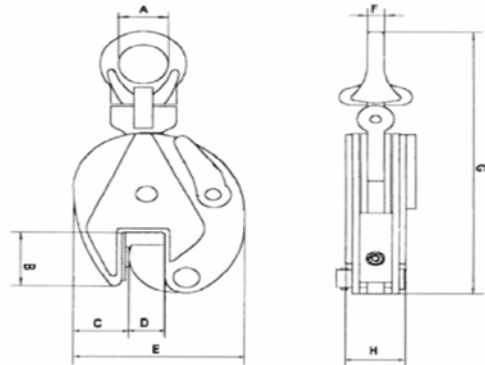
- ◆ Greaseable load bearing
- ◆ Greaseable swivel hook
- ◆ Drop forged wheel
- ◆ Shackle or Hook Fitting

Product Code	Capacity (Tonne)	Wheel Size mm	Wire Rope Diameter mm	Weight KG
SB**2/3	2	75	7 - 9	4
SB**4/4.5	4	115	10 - 12	5.3
SB**8/6	8	150	20 - 22	12.5
SB**8/8	8	200	20 - 22	15
SB**10/10	10	250	24 - 26	38
SB**12/12	12	300	28 - 30	58

VERTICAL PLATE CLAMPS 500kg TO 5 tonne



- ◆ Hardened steel jaws
- ◆ Locking mechanism
- ◆ Hinged attachment
- ◆ Fully serviceable
- ◆ Larger available Up to 12t

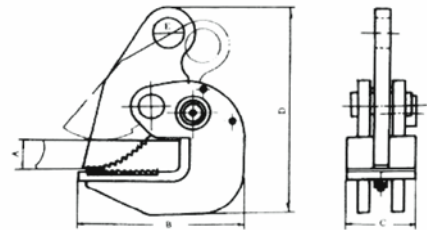


Product code	Capacity (Tonne)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	G (mm)	Weight (kg)
VPC0.5T	0.50	30	43	35	0-15	105	10	218	45	2
VPC1T	1	48	63	51	0-20	145	12	305	63	5
VPC2T	2	68	76	59	0.25	175	16	368	68	7.5
VPC3T	3	74	85	56	0-30	218	20	395	90	15.5
VPC5T	5	80	90	65	0-52	240	222	450	88	22

HORIZONTAL PLATE CLAMPS



- ◆ Industrial Quality
- ◆ Quick & Easy Installation
- ◆ Locking Mechanism
- ◆ Larger Sizes available



Product code	Capacity		Jaw Opening (mm)	A max	B (mm)	C (mm)	D (mm)	E (mm)
	Each	Pair						
HPC0.75T	750kg	1.5 tonne	0-25	25	125	50	175	25
HPC1.5T	1.5 tonne	3 tonne	0-30	30	157	65	204	30
HPC2.5T	2.5 tonne	5 tonne	0-45	45	231	90	310	40

PIPE LIFTING HOOKS



- ◆ Pipe lifting hook with surface Protection
- ◆ Easy to Operate
- ◆ Used in Pairs

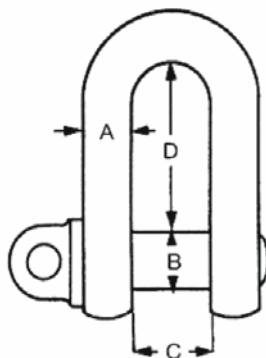
Product code	W.L.L. Per Pair (in tonnes)	Max Pipe Wall Thickness (mm)
PIPE-HOOK-01786	3	40
PIPE-HOOK-01788	6	50
PIPE-HOOK-01789	8	70

Alloy Shackles

(meets the performance requirements of RR-C-271 & EN13889)

- ◆ Tested & Certified
- ◆ High Quality
- ◆ Fully Embossed for Easy Identification
- ◆ Safety Factor 6:1
- ◆ Galvanised Finish

Screw Pin Dee

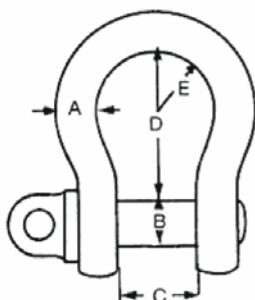


W.L.L. Tons	A mm	B mm	C mm	D		2E mm	WEIGHT EACH Kgs
				BOW mm	DEE mm		
0.33	5	6	9.5	22	-	16	0.02
0.5	7	8	12	29	25	20	0.05
0.75	9	10	13.5	32	27	21	0.11
1.00	10	11	17	36.5	31	26	0.15
1.5	11	12	18.5	43	37	29	0.21
2.00	13.5	16	22	51	43	32	0.37
3.25	16	19	27	64	51	43	0.65
4.75	19	22	31	76	59	51	1.06
6.5	22	25	36	83	73	58	1.56
8.5	25	28	43	95	85	68	2.32
9.5	28	32	47	108	90	75	3.28
12.00	32	35	51	115	94	83	4.51
13.5	35	38	57	133	115	92	5.93
17.00	38	42	60	146	127	99	7.89
25.00	45	50	74	178	149	126	13.4
35.00	50	57	83	197	171	138	18.85
55.00	65	70	105	254	208	180	37.86
85.00	90	96	146	381	-	-	60

Screw Pin Dee



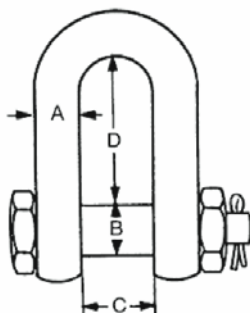
Screw Pin Bow



Screw Pin Bow



Nut & Bolt Pin Dee

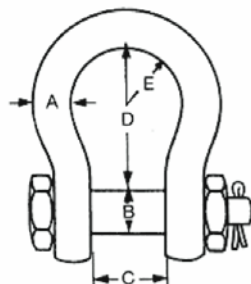


W.L.L. Tons	A mm	B mm	C mm	D		2E mm	WEIGHT EACH Kgs
				BOW mm	DEE mm		
0.5	7	8	12	29	-	20	0.07
0.75	9	10	13.5	32	-	21	0.13
1.00	10	11	17	36.5	-	26	0.17
1.5	11	12	18.5	43	-	29	0.25
2.00	13.5	16	22	51	43	32	0.44
3.25	16	19	27	64	51	43	0.79
4.75	19	22	31	76	59	51	1.26
6.5	22	25	36	83	73	58	1.88
8.5	25	28	43	95	85	68	2.78
9.5	28	32	47	108	90	75	3.87
12.00	32	35	51	115	94	83	5.26
13.5	35	38	57	133	115	92	6.94
17.00	38	42	60	146	127	99	8.79
25.00	45	50	74	178	149	126	14.99
35.00	50	57	83	197	171	138	20.65
55.00	65	70	105	254	203	180	41.05
85.00	75	80	127	330	230	190	62.24
120.00	90	95	146	381	267	238	110

Nut & Bolt Pin Dee



Nut & Bolt Pin Bow



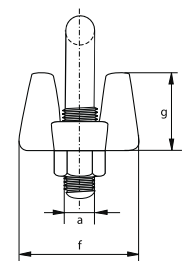
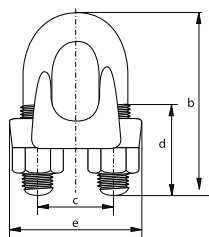
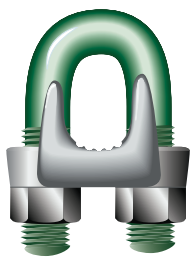
Nut & Bolt Pin Bow



Green Painted Wire Rope Clips

U.S. Federal Specification FF-C-450D

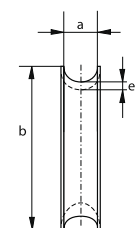
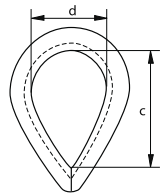
- Material : drop forged high tensile steel
- Standard : U.S. Federal Specification FF-C-450D
- Finish : hot dipped galvanized



diameter wire rope	diameter	length bow	width inside	length thread	length base	thickness base	height base	weight per 100 pcs	
inch	mm	a mm	b mm	c mm	d mm	e mm	f mm	kg	
1/8	4	5	24	12	11	24	21	10	2
3/16	5	6	31	15	13	29	24	13	4
1/4	7	8	34	19	13	37	30	18	8
5/16	8	10	45	22	19	43	33	19	14
3/8	10	11	49	26	19	49	42	25	19
7/16	11	12	60	30	25	58	46	26	31
1/2	13	13	61	30	25	58	48	31	34
9/16	15	14	72	33	32	63	52	31	36
5/8	16	14	74	33	32	64	54	36	45
3/4	20	16	86	38	37	72	57	38	68
7/8	22	19	98	45	41	80	62	40	108
1	26	19	108	48	46	88	67	47	113
1 1/8	30	19	117	51	51	91	73	48	140
1 1/4	34	22	130	59	54	105	79	56	207
1 3/8	36	22	140	60	59	108	79	58	234
1 1/2	40	22	147	66	60	112	85	64	266
1 5/8	42	25	161	70	67	121	92	67	329
1 3/4	46	29	174	78	70	134	97	76	441
2	52	32	195	86	78	150	113	85	603
2 1/4	58	32	213	98	81	162	116	100	707
2 1/2	65	32	227	105	87	168	119	113	806

Thimbles

- Material : mild steel
- Standard : generally to EN13411-1 formerly BS 464
- Finish : hot dipped galvanized

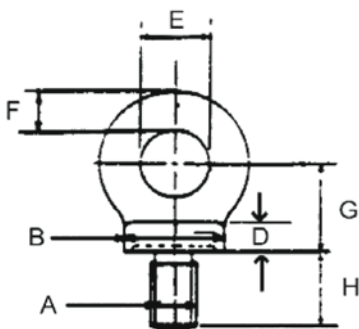


diameter rope	width groove	length	length inside	width inside	thickness back	weight per 100 pcs	
inch	mm	a mm	b mm	c mm	d mm	e mm	kg
3/16	5	5.5	44	28	19	3	3.5
1/4	7	6	48	30	20	3.5	5.4
5/16	8	8	54	33	22	4	5.7
3/8	10	10	64	38	25	4.8	7.6
7/16	11	13	73	41	29	4.8	14.2
1/2	13	14	80	44	32	5.6	18
9/16	15	15	80	44	32	5.6	18.9
5/8	16	17	98	59	41	7.9	34
11/16	17	19	108	67	44	7.9	39.7
3/4	19	20	124	73	51	9.5	62.4
13/16	21	21	124	73	51	9.5	62.4
7/8	22	23	133	83	57	9.5	75.6
15/16	24	25	146	92	64	10.3	106
1	25	27	162	108	70	10.3	125
1 1/8	28	29	178	111	76	12.7	151
1 1/4	32	33	197	133	95	12.7	204
1 3/8	35	38	229	152	105	15.9	318
1 1/2	38	41	254	165	114	17.5	488
1 5/8	42	46	254	165	114	17.5	499
1 3/4	45	51	286	178	127	25.4	556
1 7/8	47	60	318	191	133	28.6	-
2	50	64	330	203	140	28.6	-

Collared Eyebolt Metric Thread



Sizes marked * are additional & proportional to the specification



Galvanised Drop Forged

Collared Eyebolts Available to BS4278 Table 1 - 1984 (Tested & Certified)

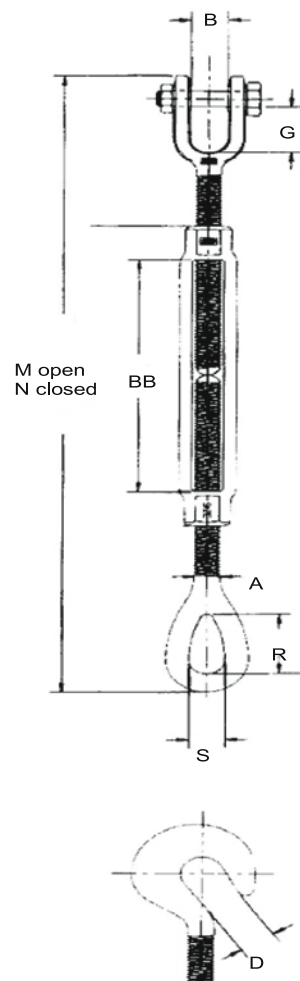
	VERTICAL SWL TONNES	A mm	B mm	D mm	E mm	F mm	G mm	H mm	WEIGHT EACH KGS
*	0.10	6	22	7	15	9	20	18	0.06
*	0.15	8	22	7	15	9	20	18	0.06
*	0.25	10	22	7	15	9	20	18	0.06
	0.40	12	22	7	15	9	20	18	0.06
*	0.50	14	29	10	20	12	26	23	0.15
	0.80	16	29	10	20	12	26	23	0.15
*	1.00	18	36	12	24	14	32	28	0.27
	1.60	20	40	14	27	16	36	32	0.38
*	1.60	22	45	14	30	17	40	35	0.54
	2.50	24	52	17	35	21	46	40	0.85
*	2.50	27	58	20	39	23	52	46	1.13
	4.00	30	65	22	44	26	58	51	1.62
*	4.00	33	72	24	48	29	64	56	2.37
	6.30	36	81	27	54	32	72	63	3.12

Turnbuckles

Opened Body generally to US FED SPEC - FF-T-791 Turnbuckles Tested & Untested



A	BB	BB	S	B	D	G	R	BOLT DIA	N	M	WEIGHT EA KGS
in	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	
3/8	6	152	13	12	14	22	28	8	302	454	0.37
1/2	6	152	18	15	17	27	36	9	338	490	0.73
1/2	9	228	18	15	17	27	36	9	414	642	0.79
1/2	12	304	18	15	17	27	36	9	490	795	0.96
5/8	6	152	22	19	22	33	44	12	394	546	1.37
5/8	9	228	22	19	22	33	44	12	470	698	1.31
5/8	12	304	22	19	22	33	44	12	546	851	1.53
5/8	18	457	22	19	22	33	44	12	701	1150	1.86
3/4	6	152	25	23	25	38	54	15	432	584	1.86
3/4	9	228	25	23	25	38	54	15	508	736	2.31
3/4	12	304	25	23	25	38	54	15	584	889	2.56
3/4	18	457	25	23	25	38	54	15	737	1194	3.11
1	6	152	36	30	32	52	76	22	524	676	4.29
1	12	304	36	30	32	52	76	22	676	981	5.07
1	18	457	36	30	32	52	76	22	829	1286	6.62
1	24	609	36	30	32	54	76	22	983	1592	7.63
1.1/4	12	304	46	44	39	71	90	28	750	1055	9.60
1.1/4	18	457	46	44	39	71	90	28	912	1370	11.60
1.1/4	24	609	46	44	39	71	90	28	1055	1665	12.10



Premier Lifting & Handling Products



Vertical Plate Clamp



Horizontal Plate Clamp



Pulling Clamp



Permanent Lifting Magnet



Container Lifting Lugs
(Bottom/Side Lifting)



Container Lifting Lugs
(Top Lifting)



Crane Forks



Barrel Clamp

Castors & Wheels

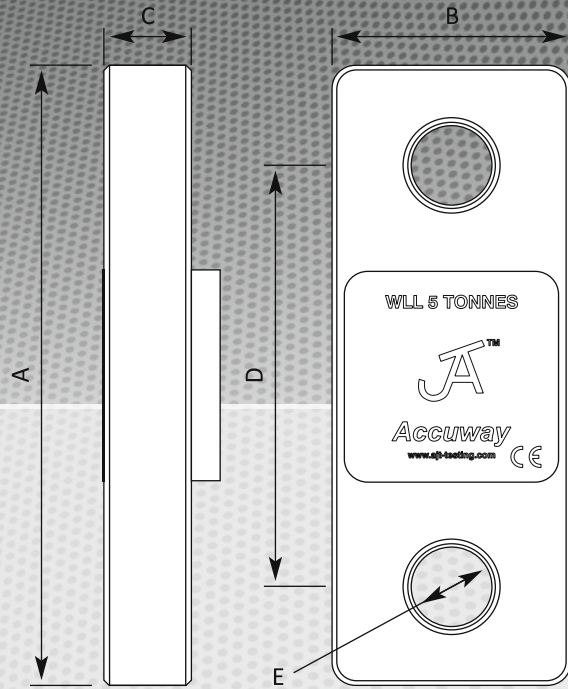


Load Measuring



Accuway™ TTM Loadcell

- Made from a Lightweight Aerospace Alloy
- Accuracy better than 1% of applied load
- Hermetically sealed for use in wet conditions
- Powered by 2 x standard AA Alkaline (typically 40 hours life)
- Telemetry loadcell with a range of 100m
- Can be set to read Tonnes, Kgs or Lbs units
- TTM to accept shackles only (shackles not included)
- Self contained – no external cabling
- 12 month warranty (conditions apply)



MODEL/REF	AJT 5 TTM	AJT 10 TTM	AJT 25 TTM	AJT 50 TTM	AJT 100 TTM	AJT 200 TTM
CAPACITY	5000 Kgs	10,000 Kgs	25,000 Kgs	50,000 Kgs	100,000 Kgs	200,000 Kgs
WEIGHT	1.6 Kgs	2.0 Kgs	3.6 Kgs	10.5 Kgs	27.0 Kgs	65.0 Kgs
RESOLUTION	0.000	0.000	0.00	0.00	0.00	0.00
DISPLAY	8-digit LCD					
BATTERY	Handheld Display: 2 x AA Alkaline Loadcell: 2 x AAA Alkaline Life: 40 hours continuous, 1.5 years standby					
ACCURACY/RANGE	Accuracy: ± 1% of applied load Range: 120 Metre (max)					
SAFETY	Safety Factor: 4:1 (across range) IP Rating: IP65 (BS EN 60529)					
DIMENSION 'A'	250mm	290mm	320mm	410mm	540mm	690mm
DIMENSION 'B'	95mm	101mm	127mm	152mm	210mm	310mm
DIMENSION 'C'	35mm	50mm	55mm	75mm	120mm	145mm
DIMENSION 'D'	170mm	180mm	200mm	250mm	320mm	396mm
DIMENSION 'E'	30mm	48mm	55mm	76mm	100mm	135mm

SPECIFICATIONS

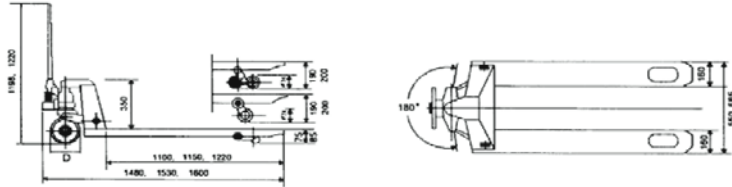
DATA SHEET

Accuway™ TTM LOADCELL

2500kg Pallet Truck



- ◆ WLL 2500kg Pallet Truck
- ◆ Professional heavy duty pallet truck leading rental companies
- ◆ Double rear rollers
- ◆ Tapered fork tips with guide
- ◆ Easy to Steer and manoeuvre



Prod. Code	Material	Capacity (kg)	Fork Size		
			Width Over Forks (mm)	Length (mm)	Fork Width (mm)
PT2.5N	Nylon	2500	550	1100	160
PT2.5W	Nylon	2500	685	1220	160

3000kg Pallet Truck



- ◆ WLL 3 tonne Hydraulic pallet truck
- ◆ 3 position control handle
- ◆ Wheels & rollers in tough hard wearing nylon
- ◆ Tapered fork tips and entry guide
- ◆ Top quality hydraulic pump unit
- ◆ Easy to Steer and manoeuvre

Product Code	Capacity (kg)	Fork Size		Lowered Height (mm)
		Width (mm)	Length (mm)	
PT-3T-550-DF	3000	550	1150	75

2000kg Pallet Truck Extra Long



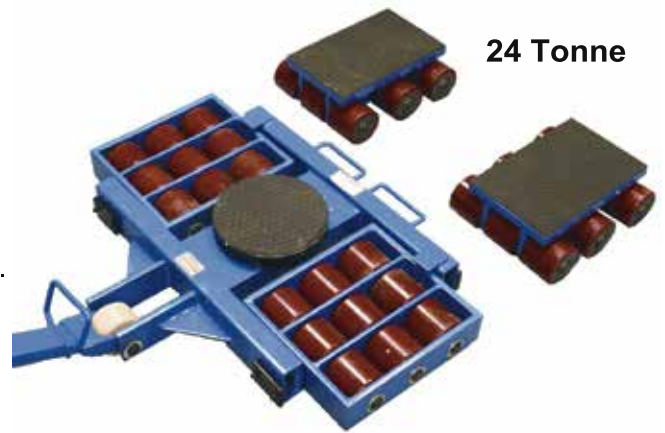
- ◆ WLL 2 tonne Hydraulic pallet truck
- ◆ 3 position control handle
- ◆ Wheels & rollers in tough hard wearing nylon
- ◆ Tapered fork tips and entry guide
- ◆ Top quality hydraulic pump unit
- ◆ Strong torsion resistant steel construction

Product Code	Capacity (kg)	Fork Size		Lowered Height (mm)
		Width (mm)	Length (mm)	
PT-AC540-2M-2T	2000	540	2000	85

Skates Set

Machinery Moving Skates
Capacities available are:
8, 16, 24, 32 & 36 tonne

- ◆ Polyurethane wheels to prevent damage to flooring.
- ◆ Steering skates have 'easy spin' ball bearing turntables.
- ◆ Solid heavy duty construction.
- ◆ Replaceable spare parts.
- ◆ Easy to Steer



24 Tonne

Product Code	Capacity in tonnes	Steering Skate Length (mm)	Steering Skate Width (mm)	Trailing Skate Length (mm)	Trailing Skate Width (mm)	Height (mm) All Skates
SKT8TS 4tonne steering 2 x2tonne trailing	8	240	210	170	130	110
SKT16TS 8tonne steering 2 x4tonne trailing	16	500	645	200	200	110
SKT24TS 12tonne steering 2 x6tonne trailing	24	530	750	200	220	110
SKT32TS 16tonne steering 2 x8tonne trailing	32	530	920	250	310	110
SKT36TS 18tonne steering 2 x9tonne trailing	36	610	750	310	240	110



16 Tonne

Caterpillar Skate Set



Capacity 20 to 60 tonnes

- ◆ Ideal for moving heavy loads with ease.
- ◆ The load can be steered using the handle and turntables.
- ◆ Minimum turning circle is 3 meters

Kit Consists of:

- 4 No. Roller Caterpillar Skates.
- 2 No. Turntables.
- 2 No. Stabilisers to keep skates level.
- 2 No. Spacer, Link bars.
- 2 No. Handles.
- 1 No. Box.

Product Code	Capacity In Tonnes	Length Support (mm)	Width Support (mm)	Total Height (mm)	Roller Diameter (mm)	Swivel Surface (mm)	Item Weight (kg)	Storage Box Size (mm) (L x W x H)
CATT-SKT-20	20	120	120	108	18	130	51	1050 x 240 x 200
CATT-SKT-30	30	120	120	117	24	130	59	1050 x 240 x 200
CATT-SKT-60T	60	130	130	140	30	150	94	1050 x 240 x 210

Loadsurfer Material Lift



- ◆ Heavy duty design for Safety, rigidity, strength & compactness
- ◆ Quick setup requires no tools & is ready in seconds
- ◆ Telescoping mast system
- ◆ Roller wheels on the base of the legs allow the unit to be easily pushed around.
- ◆ Legs fold up for easy storage
- ◆ Available in 10ft, 15ft, 20ft and 25ft sizes.

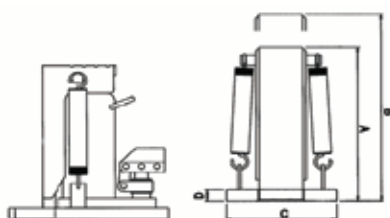
Flat Bed Site Trolley



- ◆ Site trolley capacity 1000 kg , comes with choice of pneumatic tyres or solid wheels
- ◆ Plywood bed
- ◆ Strong Construction designed for site work.

Product Code	Tyre Option	Frame Size	
		Length (mm) / (ft)	Width (mm) / (ft)
CHEEK01	Pneumatic Tyre	1525 / 5	660 / 2.5
CHEEK01 ST	Solid Tyre	1525 / 5	660 / 2.5

Hydraulic Toe Jack



- Capacity:5 -30 tonnes
- ◆ Lifts from head or toe
 - ◆ Maximum pressure:700 bar
 - ◆ Stoke 120 -160mm
 - ◆ For use in very confined work areas

Product Code	Cylinder Capacity t		Stroke (mm)	Retracted	Extended	Base	Base	Weight (kgs)
	(Head)	(Toe)		A	B	C	D	
HHQD-5	5	2.5	120	243	363	170x230	19	11
HHQD-10	10	5	150	290	440	190x260	22	19
HHQD-20	20	10	160	327	487	250x280	28	33
HHQD-30	30	15	160	347	507	280x310	32	50

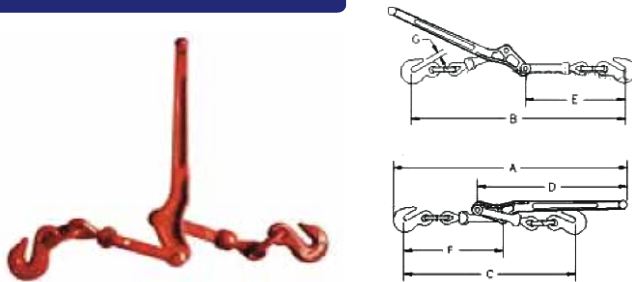
Ratchet Loadbinder



- ◆ Heavy duty ratchet load binder
- ◆ Drop forged quenched & tempered
- ◆ Fitted with chain grab hooks
- ◆ Minimum breaking load 3.5 times the lashing capacity.

Product Code	Chain Size (mm)	Lashing Capacity (tonnes)	Proof Load (tonnes)	Minimum Breaking Load (tonnes)	Length a (mm)	Length Open b (mm)	Length Closed C (mm)	Adjustment (mm)	Weight (kg)
LBR8-10	8-10	2.45	4.9	8.62	355	750	580	170	4.82
LBR10-13	10-13	4.175	8.35	14.97	355	770	600	170	5.92
LBR13-16	13-16	5.9	11.8	20.865	355	840	685	155	7.85

Liver Type Loadbinder



- ◆ Heavy duty liver type load binder
- ◆ Drop forged quenched & tempered
- ◆ Fitted with chain grab hooks
- ◆ Minimum breaking load 3.5 times the lashing capacity.

Min-Max Chain Size (in.)	Working Load Limit (lbs.)	Proof Load (lbs.)	Breaking Load (lbs.)	Weight Each (lbs.)	Tak Up (in.)	Dimensions (in.)						
						A	B	C	D	E	F	G
5/16-3/8	5400	10800	19000	7.02	4.5	24.13	22.13	17.9	16	10.38	10.38	0.5
3/8-1/2	9200	18400	33000	12.47	4.5	28.75	25.75	21.3	18.69	12.31	12.38	0.63

Ratchet Lashings Claw Hook



Minimum Breaking Strength	800 kg	5 tonne	10 tonne
Rated Assembly Strength	400 kg	2.5 tonne	5 tonne
Webbing Width	25 mm	50 mm	75 mm
Length Available	6 mtr	10 mtr	10 mtr

Fork Truck Attachments

Yoke with Hook



- ◆ CLAMPS FIRMLY ANYWHERE ALONG FORKS
- ◆ NEGLIGIBLE TRUCK DERATION
- ◆ STANDARD MODELS FROM 1 TO 5 TONNES
- ◆ LARGE SWIVEL HOOK WITH SAFETY CATCH
- ◆ EASY TO ATTACH

Fork Mounted Jib



- ◆ EASY TO ATTACH
- ◆ LARGE SWIVEL HOOK WITH SAFETY CATCH
- ◆ MODELS WITH THE ABILITY TO EXTEND THE JIB (MANUALLY OR HYDRAULIC)
- ◆ OTHER VARIANTS & MODELS BUILT TO ORDER PLEASE ASK

Fork Extensions



- ◆ A SIMPLE BUT EFFECTIVE WAY OF LENGTHENING YOUR FORKS TO HANDLE LONGER LOADS SAFELY
- ◆ FULL RANGE TO SUIT FORKS UPTO 200MM WIDE
- ◆ FULLY CERTIFIED FOR YOUR PEACE OF MIND
- ◆ TOES PROFILED AND CHAMFERED FOR EASE OF USE
- ◆ EXTENSIONS HELD FIRMLY IN PLACE WITH INTEGRAL RETAINING BAR
- ◆ HEAVY DUTY VERSIONS AVAILABLE FOR GREATEER EXTENSION LENGTH

Multi Fork Extensions



- ◆ A FORK-MOUNTED RANGE OF ATTACHMENTS, DESIGNED TO CAREFULLY BALANCE AND HANDLE LONG AND WIDE LOADS
- ◆ PREVENTS SAGGING WHEN LOADING OR RACKING PLASTIC PIPES, EXTRUSIONS ETC.
- ◆ REDUCES DAMAGE TO WIDE LOADS
- ◆ EASY TO ATTACH AND REMOVE
- ◆ REDUCES LOAD LOSS THROUGH IMBALANCE
- ◆ FITS SECURELY ONTO FORK TRUCK
- ◆ AVAILABLE IN FOUR OR SIX FORK CONFIGURATION

Site Equipment

Block Grabs



- ◆ Block grab PZL-D
- ◆ Fitted with a facility to attach nets (recommended)
- ◆ Fully automated grab & release
- ◆ Height adjusts to suit Pack height
- ◆ Replaceable rubber grips

Boat Skip



- ◆ Boat Skip (automatic release)
- ◆ High quality skip permits Automatic unloading without assistance.

Man Basket



- ◆ MAN BASKETS AVAILABLE TO CARRY 1, 2 OR 4 PEOPLE
- ◆ INTERNAL HAND RAIL FOR ADDED PROTECTION
- ◆ HIGH KICK BOARD AROUND PERIMETER TO PREVENT TOOLS ETC FALLING
- ◆ MESH SIDES
- ◆ FORK LIFT MODEL ALSO AVAILABLE SEE FORK TRUCK ATTACHMENTS SECTION

Column Skip



- ◆ Concrete column skip
- ◆ High quality skip with rubber hose
- ◆ Discharge by pulling rope
- ◆ Spring return automatically closes discharge gate.
- ◆ Hose length 2mtr.
- ◆ Hose Diameter 200mm

Spreader Beams



- ◆ MODULAR SPREADER BEAM IN STANDARD CAPACITIES 20t, 30t, 100t & 150t
- ◆ EASY TO BOLT TOGETHER TO ACHIEVE DESIRED LENGTH
- ◆ SUPPLIED WITH SHACKLES
- ◆ CUSTOM BEAMS MANUFACTURED TO YOUR EXACT REQUIREMENTS

Lifting Beams



- ◆ WE MANUFACTURE ALL TYPES OF LIFTING BEAMS FROM A BASIC CENTRE POINT TO COMPLEX MULTI POINT PICK UPS.
- ◆ PLEASE CONTACT US WITH YOUR REQUIREMENTS

Fall Protection

Full body harness P-10

Ref. AB 110 01
EN 361

- Dorsal attachment D-ring
- Adjustment in the chest, shoulders and legs

Size	Chest [cm]	Waist [cm]	Height [cm]
S	80-100	75-110	155-170
M-XL	90-120	85-120	170-185
XXL	110-130	100-140	185-200



Full body harness P-50

Ref. AB 150 01
EN 361, EN 358

- Multi Purpose
- Work Positioning belt
- Dorsal attachment D-ring
- Front attachment loops
- Extension lanyard to attach fall arrest block
- Adjustment in the chest, shoulders, belt and legs.

Size	Chest [cm]	Waist [cm]	Height [cm]
S	80-100	75-110	155-170
M-XL	90-120	85-120	170-185
XXL	110-130	100-140	185-200



Energy absorber / twin tail webbing scaffold lanyard ABM-2T

Ref. BW200/LB100/AZ011/AZ022
EN 355

- Twin tail lanyard made of webbing integrated with energy absorber
- Large opening scaffold hooks at tail end
- Karabiner at absorber's end
- 1.75 metres in length



Full body harness P-70

Ref. AB 170 01
EN 361, EN 358, EN 813

- Multi Purpose
- Rope access /sit harness
- Work Positioning belt
- Dorsal attachment D-ring
- Front attachment connector
- Extension lanyard to attach fall arrest block
- Adjustment in the shoulders, belt and legs
- Comfort padding

Size	Chest [cm]	Waist [cm]	Height [cm]
S	80-100	75-110	155-170
M-XL	90-120	85-120	170-185
XXL	110-130	100-140	185-200



Fall Protection

Retractable type fall arrester WR 100

Ref. WR 100 06
EN 360

- Retractable type fall arrester with webbing line
- 6 m in length
- Fully servicable
- Lower swivel hook has fall indicator
- Lightweight
- AZ011 karabiner included
- Made in Europe



Retractable type fall arrester - miniblock ROLEX

Ref. AH 210
EN 360

- Retractable type fall arrester with webbing line
- 2,25 m in length
- Top fixing steel karabiner
- Lower swivel hook
- Lightweight.
- Made in Europe



Retractable type fall arrester CR 200

Ref. CR 200 xx
EN 360

- Retractable type fall arrester with galvanized 4 mm wire rope
- Available in the following sizes: 6 m, 12 m & 15 m
- Fully servicable
- Lower swivel hook has fall indicator
- Lightweight
- AZ011 karabiner included.
- Made in Europe



Retractable type fall arrester CR 300

Ref. CR 300 xx
EN 360

- Retractable type fall arrester with galvanized 4 mm wire rope
- Available in the following sizes: 20 m, 25 m & 28 m
- Fully servicable
- Lower swivel hook has fall indicator
- Lightweight
- AZ011 karabiner included
- Made in Europe.



Retractable type fall arrester CR 220

Ref. CR 220 xx
EN 360

- Retractable type fall arrester with stainless steel 5 mm wire rope
- All metallic components made of stainless steel
- 11 metres in length
- Fully servicable
- Lower swivel hook has fall indicator
- Lightweight
- AZ011 karabiner included.
- Made in Europe



Fall Protection

Tripod TM-9

Ref. AT 011
EN 795 Class B

- Lightweight, aluminium, portable tripod
- For use in confined space (manholes, silos, vessels etc), rescue & retrieval
- Designed to use with the RUP-502 rescue winch
- The legs (2-sections) are fully adjustable
- 4 anchorage points on the underside of the head for additional primary/secondary systems
- Max. height: 229.50cm
- Min. height: 147.20 cm
- Shipping dimensions: 173cm x 23cm x 23cm



Winch RUP-502

Ref. AT 050
EN 1496 Class B

- Rescue lifting device for use with the TM-9 tripod
- 6,3 mm galvanised cable and a braking system
- Includes 2 karabiners, tripod clamp and the pulley
- Max. cable length 25 m
- Lifting load capacity 140 kg



Fall Protection

Guided type fall arrester AC 040

Ref. AC 040
EN 353-2

- Guided type fall arrester on a flexible anchorage line
- Detachable rope grab for use on 12 mm ropes
- Attached to a full body harness by a karabiner - class B connector.



Anchorage line 12 mm AC 200

Ref. AC 200
EN 353-2

- Flexible anchorage line of diameter 12 mm
- Thimbled eye in each end.
- Designed for use with rope grab AC 040
- Available in following sizes:
10 m, 20 m, 30 m, 40 m, 50 m



Adjustable horizontal anchor lifeline AE 320

Ref. AE 320
EN 795 Class B

- Temporary adjustable anchor lifeline
- 55 mm webbing
- Steel webbing adjuster (ratchet)
- Fitted with steel swivel snap hooks at each end
- Carry bag included
- Can be used by 3 persons at the same time
- Available in the following sizes: 10 m and 20 m



Steel Wire Rope

Telescopic Mobile Crane Ropes



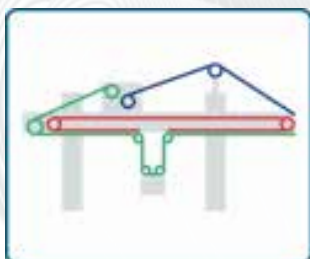
Piling Ropes



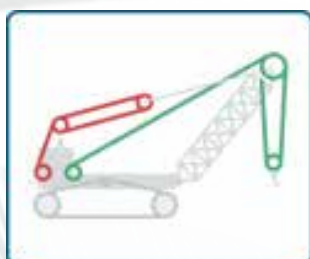
Tower Crane Ropes



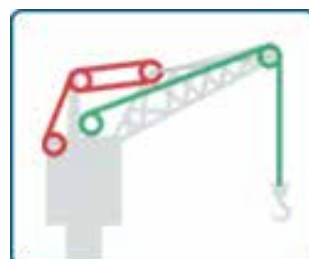
Container Crane Ropes



Mobile Lattice Boom Crane Ropes



Dockside Crane Ropes



Overhead Crane Ropes



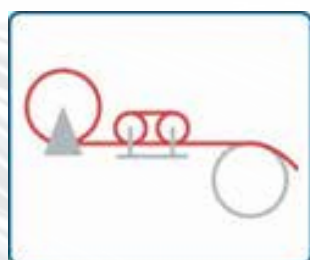
Offshore Pedestal Crane Ropes



Drilling Line Ropes



Offshore Winch Ropes



Offshore Crane Ropes

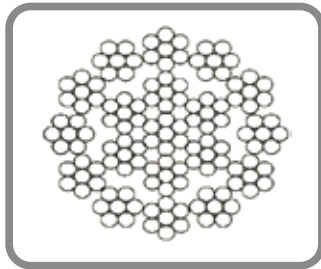


Offshore Pennants and Slings



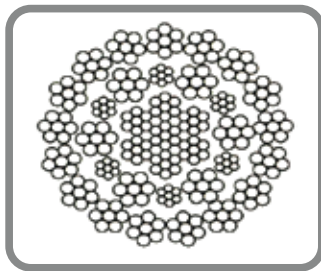
Non-Rotating Wire Ropes

19 x 7



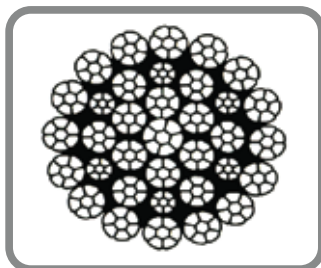
Diameter of Rope(mm)	Min B/LOAD						Approx. Weight per meter(kg/100m)
	180kg/mm ²		200kg/mm ²		220kg/mm ²		
	kN	Tonnef	kN	Tonnef	kN	Tonnef	
7	32.5	3.31	36.1	3.68	39.7	4.0	20.6
8	42.4	4.32	47.1	4.80	51.8	5.3	26.9
9	53.6	5.47	59.6	6.08	65.6	6.7	34.1
10	66.2	6.75	73.5	7.50	80.9	8.3	42.1
12	95.3	9.72	105.9	10.80	116.5	11.9	60.8
14	129.4	13.20	143.8	14.70	158.2	16.1	81.9
16	169.7	17.30	188.5	19.20	207.4	21.1	107.0
18	214.8	21.90	238.6	24.30	262.5	26.8	137.0
20	264.8	27.00	294.2	30.00	323.6	33.0	170.0
22	319.7	32.60	355.2	36.20	390.7	39.8	195.0
24	380.5	38.80	422.8	43.10	465.1	47.4	237.0
26	446.2	45.50	495.8	50.60	545.4	55.6	276.0

35 x 7 (WA)



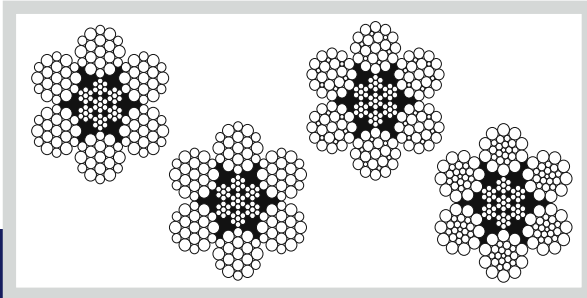
Diameter of Rope(mm)	Min B/LOAD						Approx. Weight per meter(kg/100m)
	180kg/mm ²		200kg/mm ²		220kg/mm ²		
	kN	Tonnef	kN	Tonnef	kN	Tonnef	
10	63.6	6.5	78.4	7.99	85.8	8.75	45.0
12	91.6	9.3	112.8	11.50	123.6	12.60	64.0
14	124.6	12.7	160.1	16.33	175.5	17.90	87.0
16	162.8	16.6	202.5	20.65	221.6	22.60	113.0
18	205.9	21.0	263.1	26.83	288.3	29.40	143.0
20	254.0	25.9	319.2	32.55	350.1	35.70	175.0
22	307.9	31.4	387.9	39.55	424.6	43.30	211.0
24	365.8	37.3	457.7	46.67	501.1	51.10	251.0
26	429.5	43.8	545.7	55.65	598.2	61.00	301.0
28	499.2	50.9	617.8	63.00	676.7	69.00	339.0
30	572.7	58.4	724.2	73.85	793.4	80.90	392.0
32	651.2	66.4	811.2	82.72	888.5	90.60	441.0
34	735.5	75.0	918.7	93.68			501.0
36	823.8	84.0	1029.7	105.00			563.0

36 x 7 (WA) CMP



Diameter of Rope(mm)	Min B/LOAD				Approx. Weight per meter(kg/100m)
	at 200kgf/mm ²		at 220kgf/mm ²		
	kN	Tonnef	kN	Tonnef	
10.0	93	9.5	97	10.0	51.5
12.0	133	13.6	140	14.3	74.2
13.0	157	16.0	165	16.8	87.0
16.0	237	24.2	249	25.4	132.0
18.0	301	30.7	316	32.2	167.0
20.0	373	38.0	389	39.7	206.0
22.0	450	45.9	472	48.1	247.0
24.0	535	54.6	561	57.2	294.0
25.0	581	59.2	609	62.1	321.0
26.0	627	63.9	658	67.1	343.0
28.0	694	70.8	764	77.9	398.0
30.0	797	81.3	877	89.4	463.0
32.0	908	92.6			527.0
34.0	1,020	104.0			594.0
35.0	1,079	110.0			631.0
36.0	1,147	117.0			666.0


General Wire Ropes

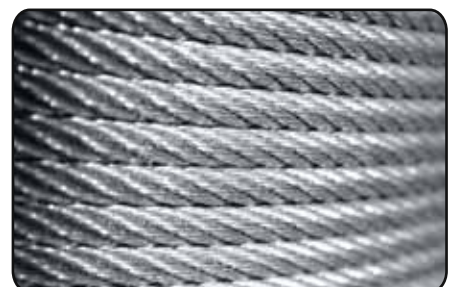


Construction :
6Strands
19, 25, 26 Wires per Strand
Independent Wire Rope Core

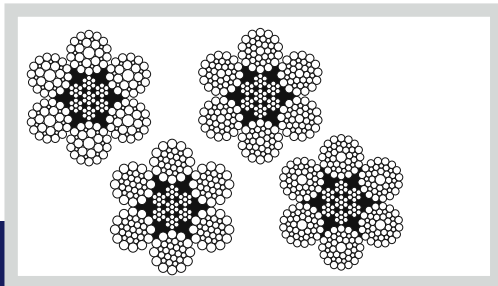
6 × S(19), FI(25), WS(26) + IWRC

Diameter	Approx. nominal length mass	Minimum breaking force (Fmin)				Axial stiffness @20% load	Torque generated @20% load		Metallic cross section
		IPS / 1770 grade		EIPS / 1960 grade			Ordinary	Lang's	
mm	kg/m	kN	tonnes	kN	tonnes	MN	N.m	N.m	mm ²
6	0.14	22.7	2.31	25.1	2.56	1.66	2	3	16.2
7	0.20	30.9	3.15	34.2	3.49	2.27	3	4	22.0
8	0.26	40.3	4.11	44.7	4.56	2.96	5	6	28.7
9	0.32	51.0	5.20	56.5	5.76	3.75	7	9	36.4
10	0.40	63.0	6.42	69.8	7.12	4.62	10	13	44.9
11	0.48	76.2	7.77	84.4	8.60	5.60	13	17	54.3
12	0.58	90.7	9.25	100	10.2	6.66	17	22	64.7
13	0.68	106	10.8	118	12.0	7.82	21	28	75.9
14	0.78	124	12.6	137	14.0	9.06	27	35	88.0
16	1.02	161	16.4	179	18.2	11.8	40	52	115
18	1.30	204	20.8	226	23.0	15.0	57	73	145
19	1.44	227	23.1	252	25.7	16.7	67	86	162
20	1.60	252	25.7	279	28.4	18.5	78	100	180
22	1.94	305	31.1	338	34.5	22.4	104	134	217
24	2.30	363	37.0	402	41.0	26.6	135	174	259
26	2.70	426	43.4	472	48.1	31.3	172	221	304
28	3.14	494	50.4	547	55.8	36.3	214	276	352
32	4.10	645	65.7	715	72.9	47.4	320	412	460
36	5.18	817	83.3	904	92.2	59.9	456	586	582
38	5.78	910	92.8	1010	103	66.8	537	691	648
40	6.40	1010	103	1120	114	74.0	627	806	718
44	7.74	1220	124	1350	138	89.5	832	1069	869
48	9.22	1450	148	1610	164	107	1082	1391	1034
52	10.8	1700	173	1890	193	125	1376	1769	1214
56	12.5	1980	202	2190	223	145	1717	2208	1408
60	14.4	2270	231	2510	256	166	2108	2711	1616

 Lang's Lay must not be selected for use in any application where either end of the rope is free to rotate.




General Wire Ropes

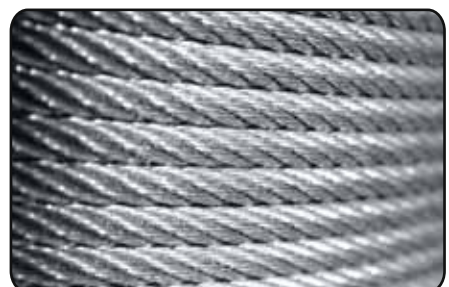


Construction :
6 Strands
29, 31, 36, 41 Wires per Strand
Independent Wire Rope Core

6 × 7FI(29), WS(31), (36), (41)+IWRC

Diameter	Approx. nominal length mass	Minimum breaking force (Fmin)				Axial stiffness @20% load	Torque generated @20% load		Metallic cross section
		IPS / 1770 grade		EIPS / 1960 grade			Ordinary	Lang's	
mm	kg/m	kN	tonnes	kN	tonnes	MN	N.m	N.m	mm ²
8	0.26	40.3	4.11	44.7	4.56	3	5	6	29
9	0.33	51.0	5.20	56.5	5.76	4	7	9	37
10	0.41	63.0	6.42	69.8	7.12	5	10	13	46
11	0.50	76.2	7.77	84.4	8.60	6	13	17	56
12	0.59	90.7	9.25	100	10.2	7	17	22	66
13	0.69	106	10.8	118	12.0	8	21	28	78
14	0.80	124	12.6	137	14.0	9	27	35	90
16	1.05	161	16.4	179	18.2	12	40	52	118
18	1.33	204	20.8	226	23.0	16	57	73	149
19	1.48	227	23.1	252	25.7	17	67	86	166
20	1.64	252	25.7	279	28.4	19	78	100	184
22	1.98	305	31.1	338	34.5	23	104	134	223
24	2.36	363	37.0	402	41.0	28	135	174	265
26	2.76	426	43.4	472	48.1	32	172	221	311
28	3.21	494	50.4	547	55.8	38	214	276	361
32	4.19	645	65.7	715	72.9	49	320	412	471
36	5.30	817	83.3	904	92.2	62	456	586	596
38	5.91	910	92.8	1010	103	69	537	691	664
40	6.54	1010	103	1120	114	77	627	806	736
44	7.92	1220	124	1350	138	93	832	1069	891
48	9.42	1450	148	1610	164	110	1082	1391	1060
52	11.1	1700	173	1890	193	129	1376	1769	1244
56	12.8	1980	202	2190	223	150	1717	2208	1443
60	14.7	2270	231	2510	256	172	2108	2711	1656

 Lang's Lay must not be selected for use in any application where either end of the rope is free to rotate.



Fibre Ropes



COMPARISON TABLE FOR 8 - STRAND PLAIED ROPES

ROPE SIZE (mm)	CIR Inch	TUF FILM		SUPERTUF		NYLO TUF		TUF PET		TUF FLEX	
		PP Rope		High tenacity PP rope		Nylon Rope		Polyester Rope		PP/Polyester mixed rope	
		WEIGHT	Breaking Force	WEIGHT	Breaking Force	WEIGHT	Breaking Force	WEIGHT	Breaking Force	WEIGHT	Breaking Force
		lbs/100ft	lbs	lbs/100ft	lbs	lbs/100ft	lbs	lbs/100ft	lbs	lbs/100ft	lbs
24	3	17.40	17924	17.40	21826	23.85	26455	29.37	20062	21.44	26455
28	3.1/2	23.82	23589	23.82	29101	32.59	34833	39.91	26896	29.16	34833
32	4	30.84	29762	30.84	37038	42.33	44092	52.28	34613	37.97	44092
36	4.1/2	39.40	37324	39.40	45415	53.76	54895	65.99	42770	47.98	54895
40	5	48.26	45217	48.26	56659	66.52	66139	81.64	52911	59.40	66139
44	5.1/2	60.48	54322	60.48	70107	80.64	78925	98.65	62611	72.57	78925
48	6	69.88	63074	69.88	80689	95.42	92594	117.59	73855	86.01	102052
52	6.1/2	81.98	72995	81.98	92815	111.55	107586	137.75	86201	100.80	119711
56	7	95.42	83445	95.42	114640	129.69	123459	159.93	98767	115.58	138450
60	7.1/2	109.67	95416	109.67	131175	148.51	140655	183.45	109790	133.72	158733
64	8	124.31	107982	124.31	148922	169.34	158733	208.98	127648	151.19	182102
72	9	157.24	135584	157.24	186291	214.36	198196	264.08	158953	191.51	224872
80	10	194.87	166758	194.87	229281	264.76	242068	325.90	194889	236.53	276680
88	11	235.86	200092	235.86	275578	320.53	288365	394.45	233690	337.33	343921
96	12	280.21	236115	280.21	326284	381.68	339291	469.71	276460	401.84	407855
104	13	329.26	270948	329.26	382502	447.53	401550	551.01	319891	471.05	476198
112	14	383.02	312682	383.02	443129	518.76	463412	638.37	366408	546.31	551156
120	15	436.78	359045	436.78	507063	596.04	529550	733.79	417556	626.95	630522
128	16	497.26	405342	497.26	570667	678.69	599966	834.59	468041	712.29	717384
136	17	564.45	456357	564.45	641545	766.04	675100	942.10	522275	806.36	804687
144	18	631.65	509268	631.65	708786	860.12	758831	1056.34	578713	903.80	892872
160	20	774.11	624040	774.11	860464	1061.71	931233	1303.62	705479	1115.47	1102311

Fibre Ropes

COMPARISON TABLE FOR 3 - STRAND LAID ROPES

ROPE SIZE (mm)	TUF FILM		SUPERTUF		TUF LINE		NYLO TUF		TUF PET		TUF FLEX	
	PP Rope		High tenacity PP rope		PE Rope		Nylon Rope		Polyester Rope		PP/Polyester mixed rope	
	WEIGHT	Breaking Force	WEIGHT	Breaking Force	WEIGHT	Breaking Force	WEIGHT	Breaking Force	WEIGHT	Breaking Force	WEIGHT	Breaking Force
	lbs/100ft	lbs	lbs/100ft	lbs	lbs/100ft	lbs	lbs/100ft	lbs	lbs/100ft	lbs	lbs/100ft	lbs
4	0.50	472	0.50	529	0.54	441	0.71	794	0.79	661	0.60	694
6	1.14	1327	1.14	1499	1.22	882	1.51	1676	1.81	1323	1.34	1543
8	2.02	2337	2.02	2646	2.20	1543	2.69	3064	3.23	2249	2.55	2932
10	3.05	3439	3.06	3968	3.29	2425	4.17	4696	5.11	3527	3.70	4365
12	4.43	4872	4.43	5952	4.84	3307	5.98	6702	7.39	5071	5.38	6283
14	6.05	6724	6.05	7937	6.38	4630	8.20	9215	9.95	7055	7.32	8587
16	7.79	8311	7.79	9921	8.60	6173	10.62	11861	13.10	9039	9.47	11100
18	9.95	10604	9.95	12787	10.82	7716	13.44	15168	16.46	11244	11.96	14032
20	12.10	12787	12.10	15212	13.44	9480	16.46	18629	20.36	13889	14.85	17383
22	14.78	15344	14.78	18519	16.33	11244	20.16	22928	24.66	16755	18.01	20944
24	17.47	17924	17.47	21826	19.82	13448	23.85	26455	29.37	20062	21.44	26455
28	23.85	23589	23.85	29101	26.41	18078	32.59	34833	39.91	26896	29.16	34833
32	30.91	29762	30.91	37038	35.28	23589	42.33	44092	52.28	34613	37.97	44092
36	39.31	37324	39.31	45415	44.35	29762	53.76	54895	65.99	42770	47.98	54895
40	48.38	45217	48.38	56659	52.75	35935	66.52	66139	81.64	52911	59.40	66139
48	69.88	63074	69.88	80689	77.28	50265	95.42	92594	117.59	73855	86.01	102052
56	95.42	83445	95.42	114640	105.50	67021	129.69	123459	159.93	98767	115.58	138450
60	109.53	95416	109.53	131175	120.95	76059	148.51	140655	183.45	109790	133.72	158733

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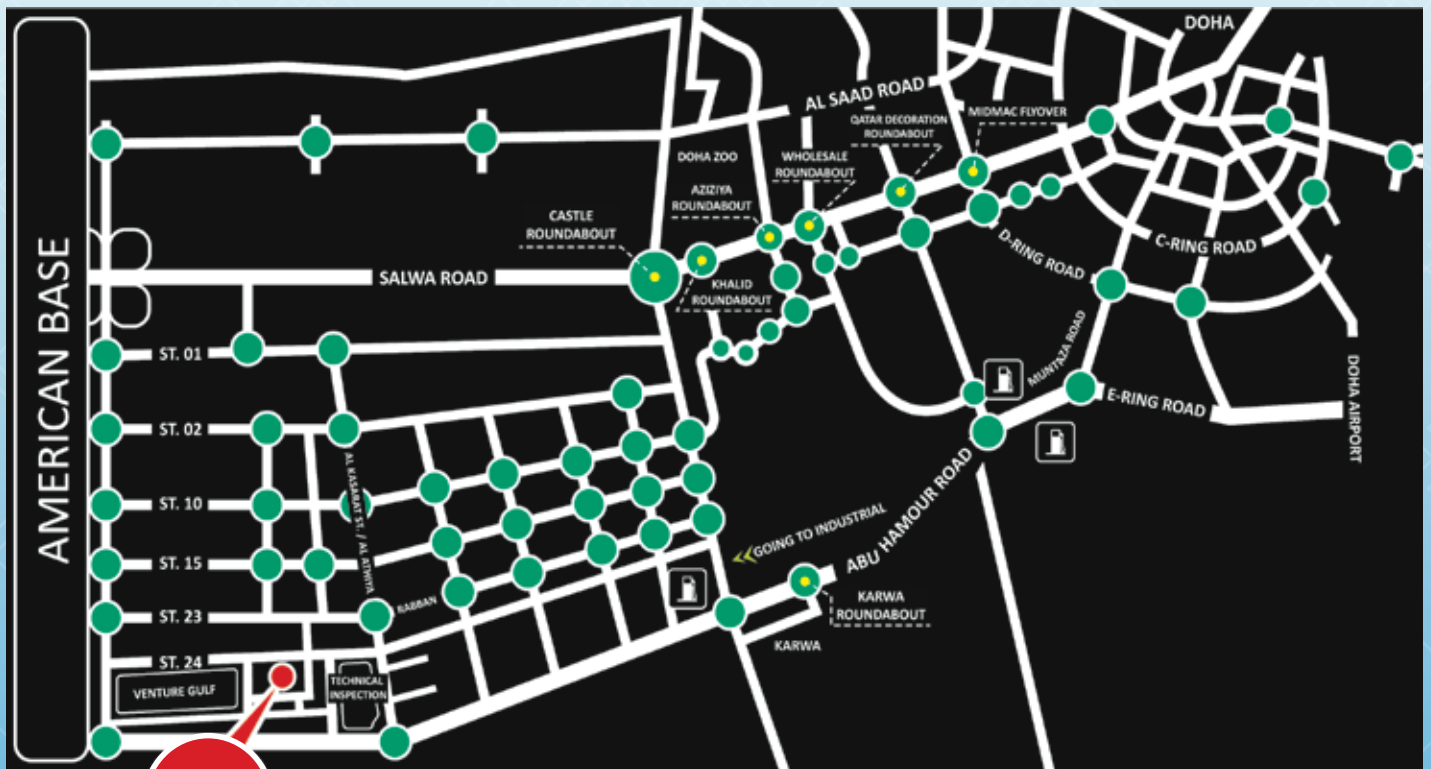
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Location Map



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