



Alfa Enterprises

Lifting Tackles & Material
Handling Equipment

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Manual Winch

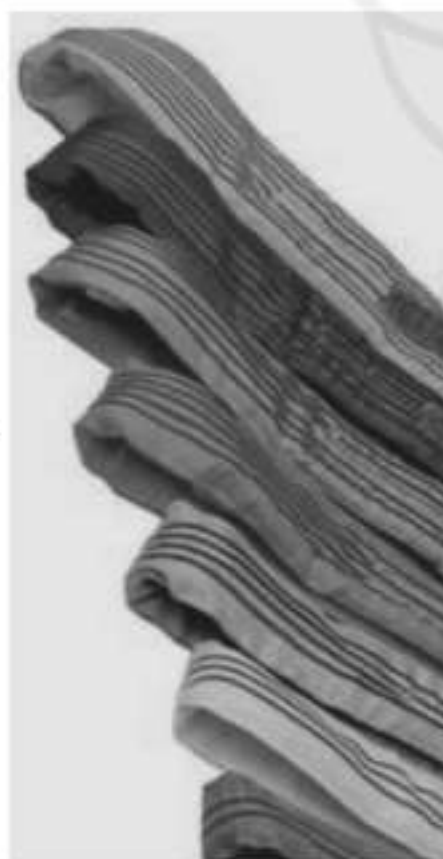


1. Brake type mini Hand Winch
2. Mini Hand Winch

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1. Round sling 1 ton- 50 ton
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Material Handling



1. Hydraulic Hand Pallet Truck
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Electric Hoists

1. Mini Electric Hoist
2. Mini Electric Trolley
3. Mini High speed electric hoist
4. CD wire rope hoist with trolley
5. HHBB electric trolley
6. Heavy electric chain hoist
7. DHS Electric Hoist
8. 220V Electric Hoist



Mini Electric Hoist



12m/min

6m/min

Single Fall Mode

Double Fall Mode

Model	Motor Power (kw)	Trolley power (Kw)	Wire Rope Diameter(mm)	Supply Voltage (V)
PA500	1.05	0.2	4/6	230
PA1000	1.60	0.4	6/8	230
PA1500	1.80	0.4	8	230
PA2000	2.20	0.8	10	230

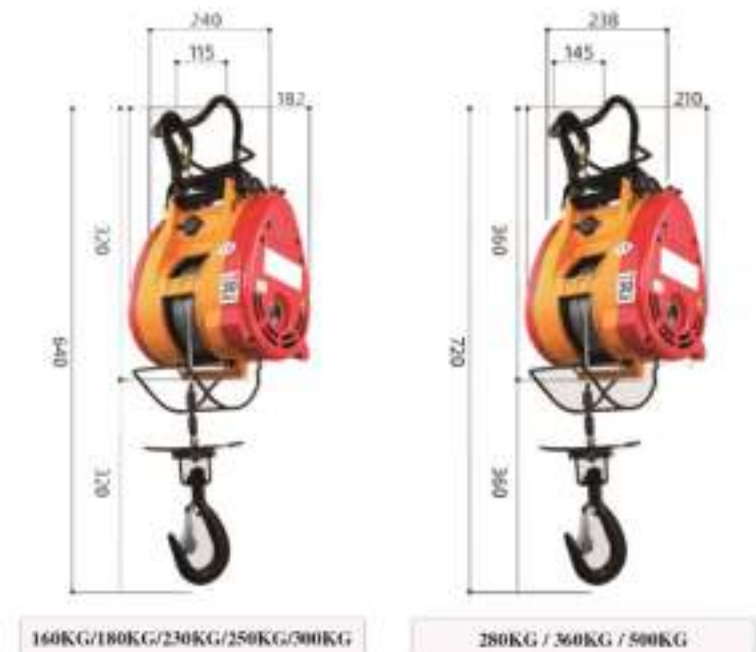
Mini Electric Trolley

Model	Capacity (t)	Phase	Min. radius of turn (m)
TD 0.5	0.5	1 Ph., 230V AC	1
TD 1	1	1 Ph., 230V AC	1.5



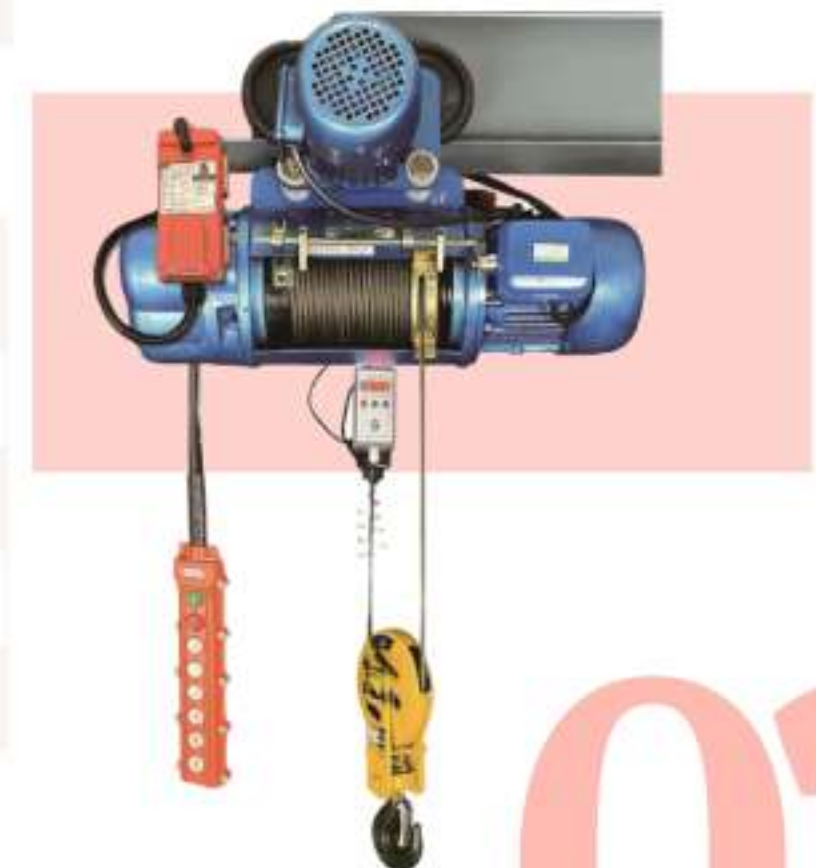
Mini High Speed Electric Hoist

Model	Motor Power (W)	Wire Rope Diameter (mm)	Lifting speed (m)	Wire Rope Diameter (kg)	Net weight (kg)
160/30	1300	5	19	1.72	16.26
180/30	1400	5	19	1.72	16.55
230/30	1500	5	19	1.72	16.64
250/30	1600	5	19	1.72	16.7
280/30	1600	5	19	1.72	16.7
300/30	1700	5	19	1.72	16.7
500/30	1800	6	13	1.72	22
360/30	1700	5	19	1.72	16.7



CD Wire Rope Hoist With Trolley

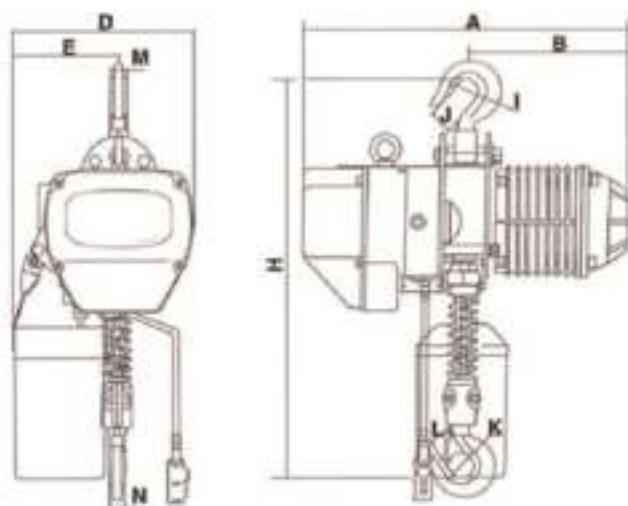
Model	Capacity (t)	Phase	Motor (kw)	Voltage & Frequency	Net Wt.
1 T X 9 MTR	1	3	1.5	440V	145
2 T X 9 MTR	2	3	3.0	440V	220
3 T X 9 MTR	3	3	4.5	440V	280
5 T X 9 MTR	5	3	7.5	440V	470





Heavy Electric Chain Hoist

Model	Lifting Speed	Lifting Motors					Chain Specifications
		Motor power	Motor Speed	Phase number	Supply Voltage	Frequency	
0.5T (Single fall)	7	0.8	1440	3	380	50	6.3
1 T (S/F)	6.8	1.5	1440	3	380	50	7.1
1 T (D/F)	3.6	0.8	1440	3	380	50	6.3
2 T (S/F)	6.6	3	1440	3	380	50	10.0
2 T (D/F)	3.4	1.5	1440	3	380	50	7.1
3 T (S/F)	5.6	3	1440	3	380	50	11.2
3 T (D/F)	4.4	3	1440	3	380	50	10.0
5 T (D/F)	2.8	3	1440	3	380	50	11.2
7.5 T (T/F)	1.8	3	1440	3	380	50	11.2



Shell

Light Aluminum alloy shall be adopted, which is light but hard fit for the use in the terrible work environment

Inverse Phase Sequence Protecting Device

It is the special electrical installation which controls the circuit not to work in case of wiring error in the power supply

Limit Switch

The Liit switch Device is installed where the weight is lifted n and off to make the motor to stop automatically so as to prohibit the chains from exceeding for safety

Trolley For Electric Chain Hoist

Model	Capacity (T)	Phase	Motor Power	Voltage & Frequency	Min radius of turn
HHBB-0.5	0.5	3	0.4	380V / 50Hz	0.8
HHBB-1	1	3	0.4	380V / 50Hz	0.8
HHBB-2	2	3	0.4	380V / 50Hz	0.9
HHBB-3	3	3	0.7	380V / 50Hz	1
HHBB-5	5	3	0.75	380V / 50Hz	1.5
HHBB-7.5	7.5	3	0.75	380V / 50Hz	1.8
HHBB-10	10	3	0.75	380V / 50Hz	2

24V/ 36V device

It is used to prohibit the emergencies from occurring in case of leakage in the switch

Side Magnetic Braking device

This device shall realize the instant brake in case of the power dump

Chain

The chain shall adopt the imported FEC G80 ultra heat-treatable aluminum alloy chain.





DHS Electric Hoist

Model	Rated Lifting Capacity (kg)	Lifting Speed (M)	Lifting Height (M)	Disc Motor Models	Motor Power (W)	Motor Speed (r/min)	Supply Voltage (V)	Self wt (kg)
DHS1	1000	2.25	3-9	YHPE500-4	500	1380	380	36
DHS2	2000	1.85	3-9	YHPE500-4	500	1380	380	45
DHS3	3000	1.1	3-6	YHPE500-4	500	1380	380	45
DHS5	5000	0.9	3-6	YHPE750-4	750	1380	380	57
DHS10	10000	0.45	6-9	YHPE5750-4	750	1380	380	115

220V Electric Hoist

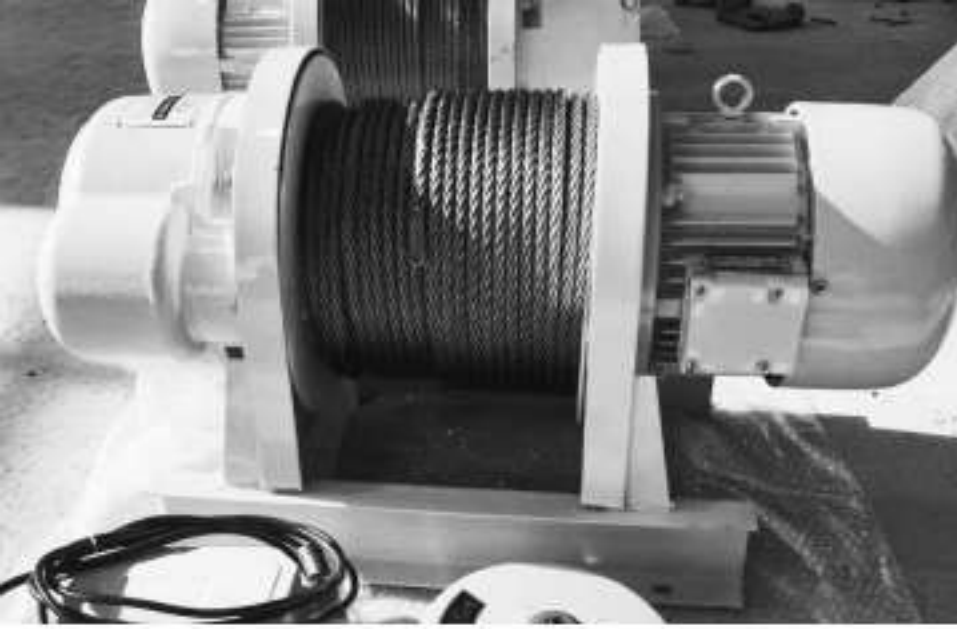
Motor Power	Lifting Ht (m)	Lifting speed (m/min)	No. of fall	Self wt (kg)
1500W	3-12m	2.25	1	33
1500W	3-12m	1.85	1	36
1500W	3-12m	1.1	2	42
2000W	3-12m	0.9	2	60



Permanent Magnetic Lifter



Model	Rated Lifting Capacity (kg)	Pull off force (kg)	Dimensions (mm)				Net weight (kg)
			Long	Wide	High	R	
JG-100	100	300	83	62	67	190	3
JG-200	200	600	153	62	67	190	5
JG300	300	900	157	90	93	210	10
JG-400	400	1200	157	90	93	210	10
JG-600	600	1800	210	120	115	230	20
JG-1000	1000	3000	256	142	135	280	36
JG-1500	1500	4500	332	142	135	230	43
JG-2000	2000	5000	347	166	165	360	68
JG-3000	3000	7500	432	166	165	360	92
JG-4000	4000	10500	500	175	165	360	109
JG-5000	5000	12500	530	225	220	590	198
JG-6000	6000	15000	780	230	215	720	278
JG-10000	10000	20000	930	230	215	1000	350



Electric Winch

- Aluminium Shell single phase electric winch
- KCD Single Phase Electric Winch
- Heavy duty three phase electric winch
- 3 Phase KCD Electric Winch
- Single Phase Electric Clutch Winch



Alluminium Shell Single Phase Electric Winch

Model	Rated Voltage (V)	Motor Power (kW)	Lifting Speed (m/min)	Lifting Height (m)	Wire Rope Diameter (mm)	Net Weight (kg)
CDK 500-1000	230	3.0	16/8	100/50	6	30
CDK 750-1500	230	4.0	14/7	100/50	8	38

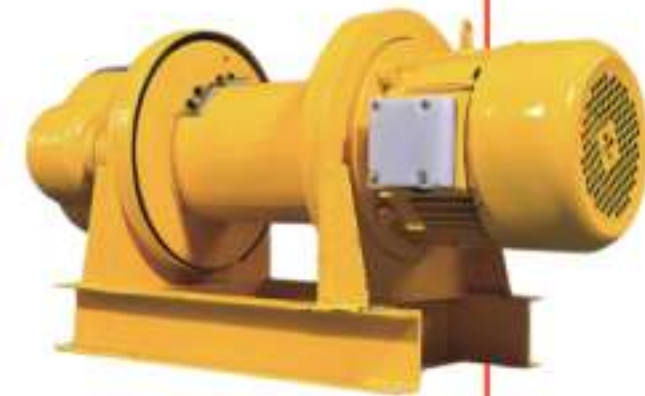


KCD Single Phase Electric Winch



Model	Rated Voltage (V)	Motor Power (kW)	Lifting Speed (m/min)	Lifting Height (m)	Wire Rope Diameter (mm)	Net Weight (kg)
KCD1000	230	2.0	12/6	100/50	6	30
KCD1500	230	3.0	10/5	100/50	8	38

Heavy Duty Three Phase Electric Winch



Model	Rated Voltage (V)	Motor Power (Kw)	No. of Chain Rows (kg)	Lifting Speed (m/min)	Lifting Height (m)	Net Weight (kg)	Steel Wire Rope	Overall Length (mm)	Channel Steel Length (mm)	Height (mm)	Width (mm)
1 T	380	1.5	500 / 1000	16 / 8	30- 100	80	7.7	770	530	410	310
2T	380	3.0	500 / 1000	16 / 8	30-100	130	11	830	600	520	430
3T	380	4.5	500 / 1000	16 / 8	30-100	160	13	930	650	540	450
5T	380	7.5	500 / 1000	16 / 8	30-100	260	15	1080	750	600	510

3 Phase KCD Electric Winch

Model	Capacity (Kg)	Lifting Speed (m/min)	Motor Speed (rpm)	Voltage (V)	Lifting Height (m)
KCD 1T	1000	12 / 6	1440	380-440	60-100
KCD 2T	2000	12 / 6	1440	380-440	80-100



Single Phase Electric Clutch Winch

Model	Capacity	Motor Power (kW)	Drum Length (mm)	Lifting Speed (m/min)	Lifting Height (m)	Wire Rope Diameter (mm)	Net Weight (kg)
Regular reel	500-1000	2.2	130	12/6	40/20	8	40
Length reel	500-1000	2.2	250	12/6	50/25	8	42

Regular Reel



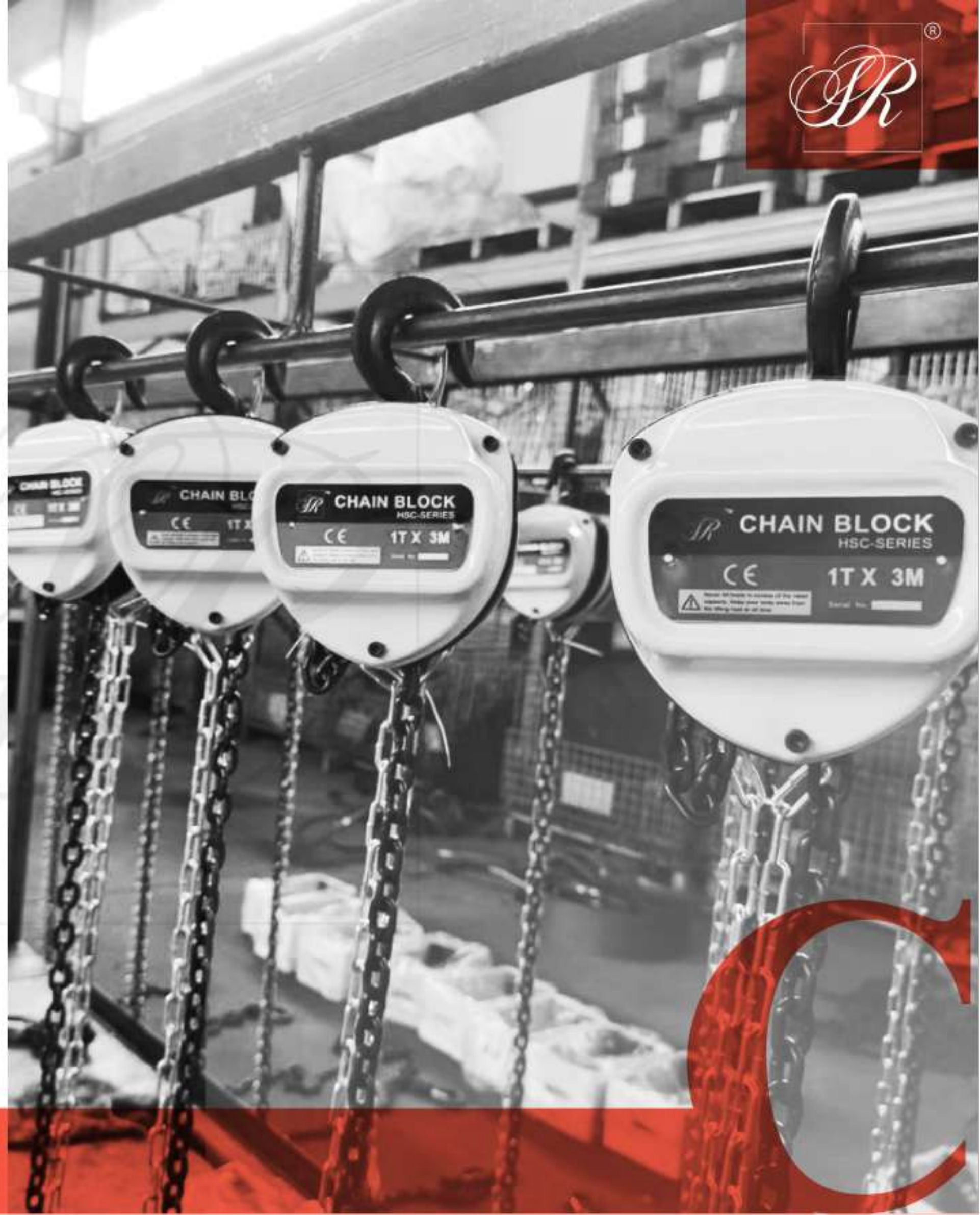
Length Reel





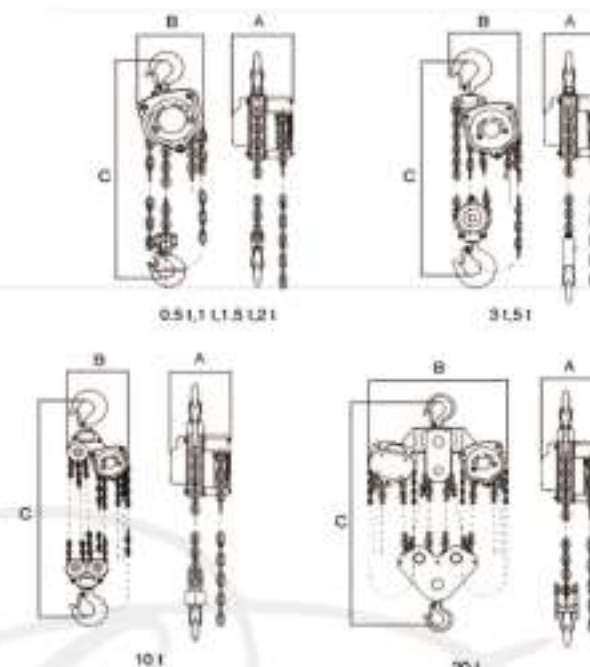
Manual Chain Hoist & Trolley

- VT Chain Block
- VD Chain Block
- HSC Chain Block
- Ratchet Lever Hoist
- Single Stud PuVT chain Block
- VD chain Block
- HSC chain Block
- Ratchet Lever Hoist
- Single Stud Gear Trolley
- Single Stud Push Double stud push trolley
- Double stud Geared trolley sh Trolley
- Single Stud Gear Trolley
- Double Stud Push Trolley
- Double Stud Gear Trolley



VT Chain Block

- Gear case and hand wheel cover **resistant to external shocks**.
- **Double Enclosure** to keep out rain water and dust.
- Sure and reliable braking functions(**mechanical break**).
- **Double pawl spring** mechanism to further increase sureness.
- Gear with natures of high preciseness and tenacity.
- Ultra strong load chain.

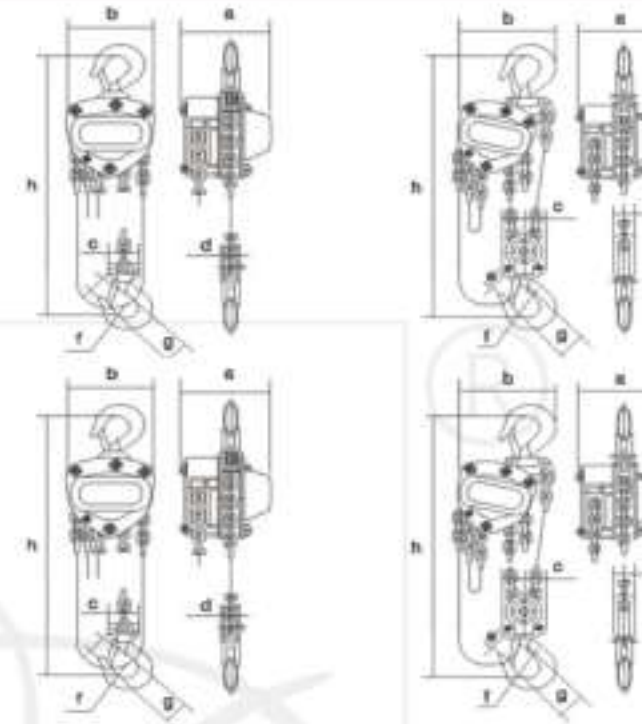


Model	Lifting weight	Standard lifting height (m)	Experimental load(ton)	Lifting chain (Number of rows)	Number of rows (millimeter)	Dimensions (mm)			Net weight (kg)
						A	B	C	
0.5T VC	0.5	2.5	0.75	0.75	5	129	136	270	8.5
1T VC	1	2.5	1.5	1.5	6.3	151	145	317	11.5
1.5T VC	1.5	2.5	2.25	2.25	7.1	150.5	165	399	13.5
VC 2T	2	3	3	3	8	161.5	187	414	19.5
VC 3T	3	3	4.5	4.5	7.1	150.5	185	465	22
VC 5T	5	3	7.5	7.5	9	161.5	241	636	37.5
VC 10T	10	3	15	15	9	207	398	798	65
VC20T	20	3	30	30	9	215	650	890	152
VC 30T	30	3	45	45	9	350	680	1380	235
VC 50T	50	3	75	75	9	410	965	1950	1092



VD Chain Block

- 1. Automatic Double Pawl Braking System
- 2. Asbestos Free Friction Disc
- 3. Industrial Powder Coating meet RoHs requirement
- 4. 1500 Cycles life test, meet JBT7334/EN13157,ANSI B30.16, AS1418standards

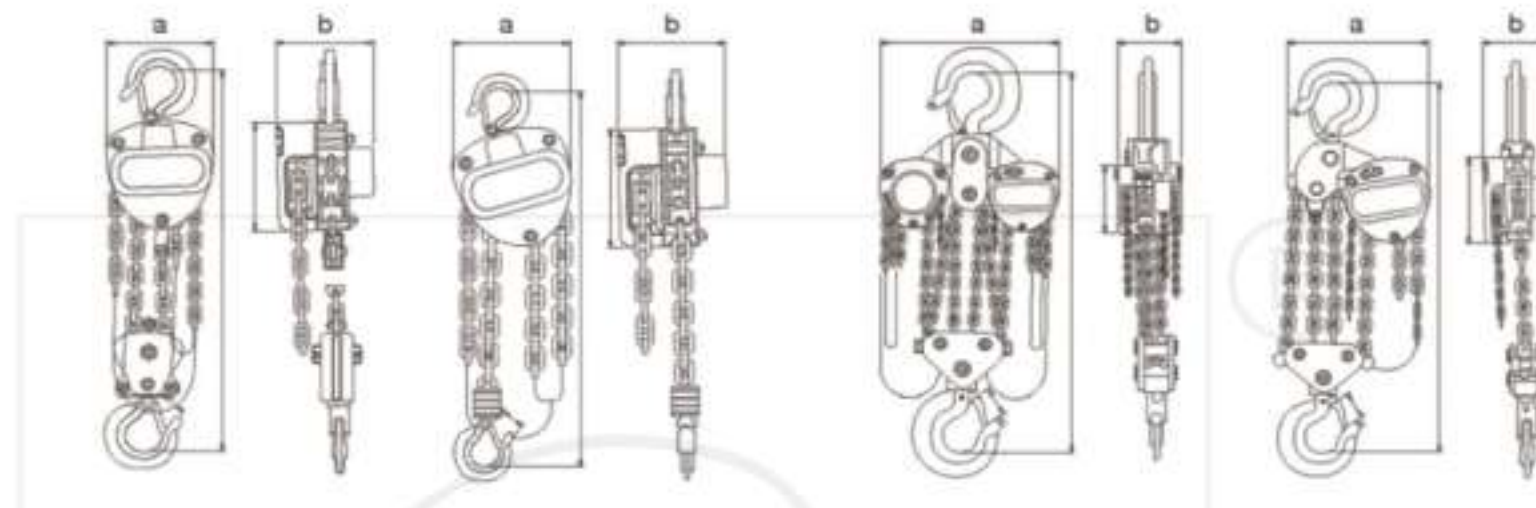


Model	Capacity (ton)	Standard lift (m)	Running Test Load (KN)	Effort Req.to lift weighted load (N)	Strands of Load Chain	Dia of Load Chain (mm)	Dimensions (mm)					Net weight (kg)	Packing Meas.	Extra Weight per Meter of Extra Lift
							A	B	C	D	E			
VD-0.5A	0.5	3	7.5	249	1	5*15	132	148	345	35	23	9.3	37*17*18	1.5
VD-1A	1	3	15	284	1	6*18	132	148	376	35	23	12.2	32*20*21	1.8
VD-1.5A	1.5	3	22.5	380	1	7.1*21	173	196	442	45	33	16.5	37*22*24	2.16
VD-2A	2	3	30	343	1	8*24	175	210	470	50	35	19.5	37*20*24	2.4
VD-3A	3	3	45	372	1	10*30	205	255	548	55	39	32	37*25*24	3.2
VD-5A	5	3	75	372	2	10*30	189	280	688	64	45	41.1	40*26*28	5.4
VD-10A	15	3	225	378	6	10*30	200	718	900	95	71	135	88*40*65	14.7
VD-20A	20	3	300	389*2	8	10*30	200	840	950	106	82	192	88*40*65	19.6



HSC Chain Block

- Automatic Braking System
- Asbestos Free Friction Disc
- Industrial Powder Coating meet RoHs requirement.
- Ultra strong load chain.

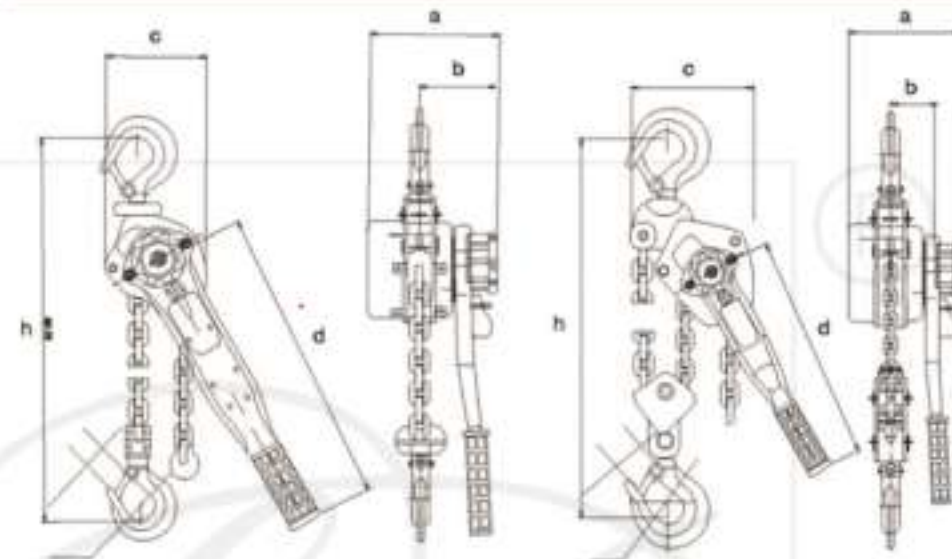


Model	Capacity (ton)	Standard lift (m)	Running Test Load (KN)	Effort Req.to lift weighted load (N)	Strands of Load Chain	Dia of Load Chain (mm)	Dimensions (mm)					Net weight (kg)	Packing Meas.	Extra Weight per Meter of Extra Lift
							A	B	C	D	E			
HSC-0.5A	0.5	2.5	7.5	221	1	6	113	125	255	36	30	8.5	25*18*13.5	1.7
HSC-1A	1	2.5	15	340	1	6	126	147	306	34	34	11	25*20*14.7	1.7
HSC-1.5A	1.5	2.5	22.5	343	1	8	141	183	368	38	38	18	33*25*16	2.3
HSC-2A	2	3	30	410	2	6	141	183	368	41	41	18	33*25*16	2.3
HSC-3A	3	3	45	343	2	8	142	183	486	48	48	18	33*25*16	2.3
HSC-5A	5	3	75	414	2	10	163	215	616	52	52	42	43*34*19	5.6
HSC-10A	10	3	150	414	4	10	163	404.5	750	64	64	83	50*41*21	9.7
HSC-20A	20	3	300	414*2	8	10	191	595	1000	85	85	193	64*38*64	19.4



Ratchet Lever Hoist

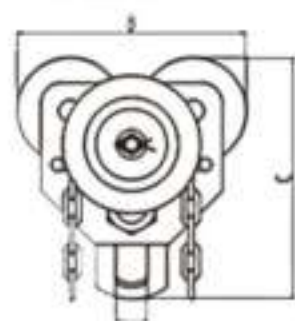
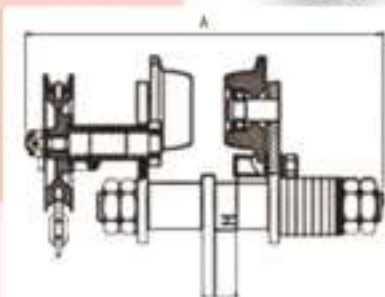
- Automatic **Double Pawl** Braking System
- Asbestos Free **Friction Disc**
- **Industrial Powder Coating** meet Rolls requirement
- One step Operation for free wheel 5.1500Cycles life test, meet JBT7334/EN13157.
- ANSI B30.16,AS1418standards.



Model	Capacity (ton)	Standard lift (m)	Running Test Load (KN)	Effort Req.to lift weighted load (N)	Strands of Load Chain	Dia of Load Chain (mm)	Dimensions (mm)					Net weight (kg)	Packing Meas.	Extra Weight per Meter of Extra Lift
							A	B	C	D	E			
VA-0.25	0.25	1	3.75	250	1	4	92	72	85	30	230	1.8	22*18*11	0.41
VA-0.5	0.5	1.5	7.5	340	1	5	105	78	80	35	260	4	37*12*11	0.52
VA-0.75	0.75	1.5	11.2	140	1	6	153	86	130	38	295	7.5	33*18*18.	0.8
VA-1	1	1.5	1	185	1	6	153	96	130	38	295	7.5	33*16*13	0.8
VA-1.5	1.5	1.5	22.5	230	1	7.1	165	100	150	48	355	9.5	5.5*20*20	1.1
VA-2	2	1.5	30	251	1	8	175	105	160	48	385	15.5	5.5*20*20	1.4
VA-3	3	1.5	45	285	1	10	195	112	202	50	450	16.5	48*22*23	1.8
VA-6	6	1.5	75	385	1	10	195	112	242	65	550	27	50*23*23	3.6
VA-9	9	1.5	112.5	390	1	10	195	112	315	81	660	10	8.5*32.5*2	5.4



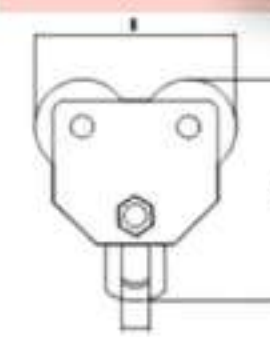
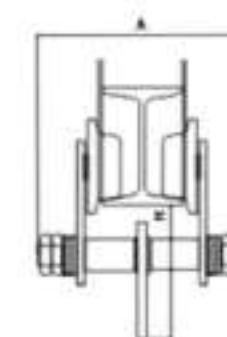
Single Stud Gear Trolley



Capacity (t)	I Beam Width (mm)	Min Turning Radius (m)	Weight (Kg)	A (mm)	B (mm)	C (mm)	H (mm)
0.5	68-94	0.9	4.3	178	176	175	135
1	68-100	1	7.5	194	203	230	145
2	94-124	1.1	11.5	232	228	260	165
3	116-140	1.3	18	261	296	308	190
5	140-180	1.4	30.6	333	310	350	220

Single Stud Push Trolley

Capacity (t)	I Beam Width (mm)	Min Turning Radius (m)	Weight (Kg)	A (mm)	B (mm)	C (mm)	H (mm)
0.5	68*94	0.9	4.3	178	176	175	135
1	68*100	1	7.5	194	203	230	145
2	94-124	1.1	11.5	232	228	260	165
3	116-140	1.3	18	261	296	308	190
5	140-180	1.4	30.6	333	310	350	220



Manual Chain Trolley



®



Double Stud Push Trolley (1 t to 5 ton)

Thickened Steel Plate

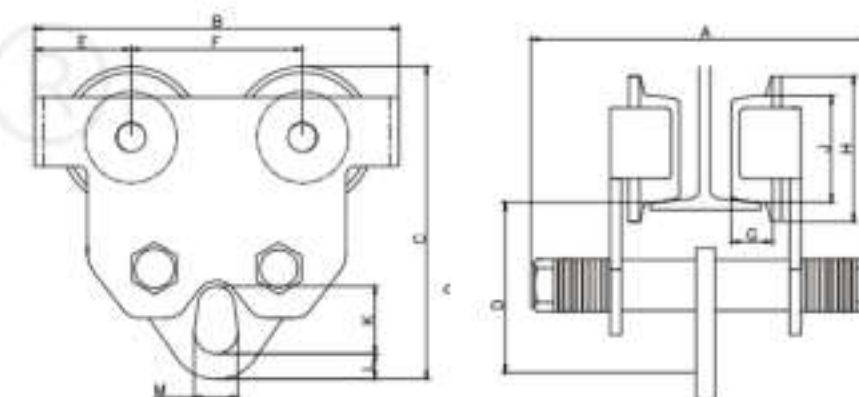
Strong and durable ,
good anti-collision effect.

Locknut

Prevent tripping,
Safe and Reliable.

Double Shafts Design

Suitable for various
profiles, both for flat
and bevel flanges.



Model	Rated Load (T)	Test load (T)	I-Beam (mm)	A a b	B	C	D	E	F	G	H	J	K	L	M	Weight (kg) a b
MP-0.5T	0.5	0.75	50-152	108 286	200	190	108	53	94	18.5	78	57	37	14	24	6.0 6.5
MP-1.0T	1.0	1.5	64-203	115 405	238	211	115	59	120	24	90	66	40	16	28	11.5 13.0
MP-2.0T	2.0	3.0	88-203	130 419	274	236	130	69	136	26	105	75	44	17	34	18.0 20.0
MP-3.0T	3.0	4.5	100-203	164 435	314	295	164	82	150	33	130	96	60	17	34	30.0 34.0
MP-5.0T	5.0	7.5	114-203	177 457	364	334	177	97	169	38	150	112	65	22	40	44.0 46.0



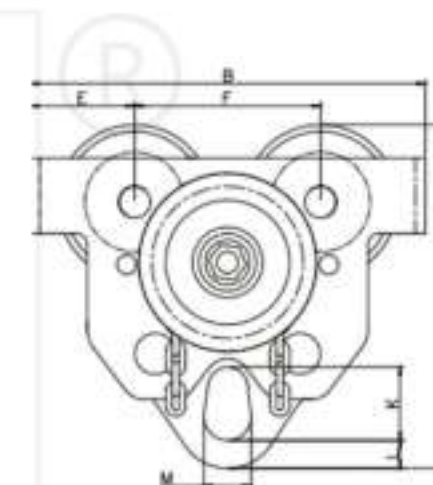
Our Trolley for All Hoists

Our trolleys are designed to fit virtually chain hoists upto 50 ton capacities. Our trolley are designed for maximum versatility and a long service life. It is CE compliant which gives it global appeal. With 0.5 -50 ton capacities, these trolleys are available as convertible geared unit ideal for precise positioning of the hoist



Double Stud Geared Trolley (1 t to 5 ton)

1. Double shafts design
2. Reasonable load and run stably
3. Suitable for various profiles, both for flat and bevel flanges
4. Continuously adjustable lower flange geared trolley for 3M beam height



Weight(kg)	
a	b
10.0	10.5
14.5	16.0
22.0	24.0
30.0	38.0
47.0	53.0

Model	Rated Load (T)	Test Load (T)	I-Beam (mm)	A a/b	B	C	D	E	F	G	H	Weight(kg) a/b
MG-0.5T	0.5	0.75	50-152	108/322	200	190	108	53	94	18.5	78	10.0/10.5
MG-1.0T	1.0	1.5	64-203	115/436	238	211	115	59	120	24	90	14.5/16.0
MG-2.0T	2.0	3.0	88-203	130/445	274	236	130	69	136	26	105	22.0/24.0
MG-3.0T	3.0	4.5	100-203	164/459	315	295	164	82	150	33	130	30.0/38.0
MG-5.0T	5.0	7.5	114-203	177/475	364	334	177	97	169	38	150	47.0/53.0



Our Trolley for All Hoists

Our trolleys are designed to fit virtually chain hoists upto 50 ton capacities. Our trolley are designed for maximum versatility and a long service life. It is CE compliant which gives it global appeal. With 0.5 -50 ton capacities, these trolleys are available as convertible geared unit ideal for precise positioning of the hoist



Manual Winch

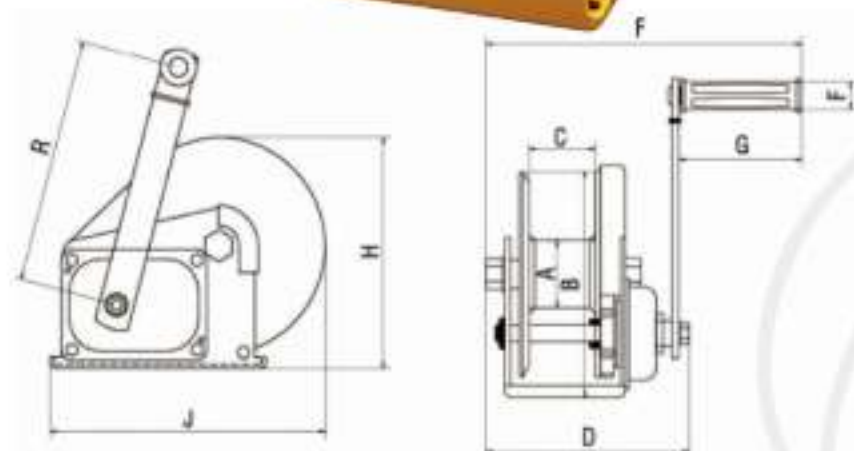
- Brake type mini Hand Winch
- Mini Hand Winch





Brake Type Mini Hand Winch

- Winching housing and rope drum from robust steel plate for high versatility.
- Rope drum bush bearing for flawless rope lead-off. Spur gear drive for optimal efficiency.
- Compact design. Easy and quick mounting onto walls, poles, towers tes.
- Automatic load pressure brake for safe holding and extremely sensitive lowering of he load.
- Unintentional brake release is prevented even with swinging loads.
- Suitable for operation in ambient temperature of -10°to+5°



Model	Rated Capacity (LBS)	Max Capacity (KN)	Cable Size (dia.xL)	Strap Size (dia.xL)	Pcs /Carton	Packing Size (cm)	Net Weight (one Pc)
SC1200	550	4.5mmx10m	50mmx7m	4.2:1	6	51*36.5*25.5	3.8kg
SC1800	800	5.0mmx10m	50mmx10m	5.0:1	4	40.5*33*45	8.1kg
SC2600	1100	5.5mmx10m	50mmx10m	10.0:1	4	42.5*31*48.5	10.3kg



Mini Hand Winch

Mini Hand Winch WLL (lbs)	800	1200	1600	1800	2000	2500	3000
Rope Dia (mm)	4	4	4	4	5	5	6



Lifting Clamps and Sling

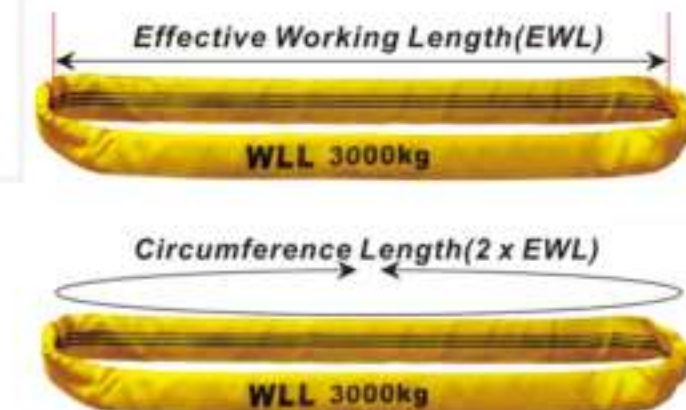
- Round sling 1 ton- 50 ton
- Double Ply Flat Webbing Sling 1- 12 ton
- Lifting Slings
- Vertical Plate Clamp
- Horizontal Plate Clamp



Round Sling 1 Ton- 50 Ton

• Safety Factor **7:1** according to **EN1492-2**

W.L.L kg	Width (mm)	Color	WLL in kg at different modes				
							
1000	45	Violet	1000	2000	1400	800	1000
2000	50	Green	2000	4000	2800	1600	2000
3000	60	Yellow	3000	6000	4200	2400	3000
4000	75	Grey	4000	8000	5600	3200	4000
5000	85	Red	5000	10000	7000	4000	5000
6000	90	Brown	6000	12000	8400	4800	6000
8000	105	Blue	8000	16000	11200	6400	8000
10000	115	Orange	10000	20000	14000	8000	10000
12000	120	Orange	12000	24000	16800	9600	12000
15000	130	Orange	15000	30000	21000	12000	15000
20000	130	Orange	20000	40000	28000	16000	20000
25000	175	Orange	25000	50000	35000	20000	25000
30000	175	Orange	30000	60000	42000	24000	30000
40000	220	Orange	40000	80000	56000	32000	40000
50000	220	Orange	50000	100000	70000	40000	50000



Double Ply Flat Webbing Sling 1- 12 Ton

W.L.L kg	Width (mm)	Color	WLL in kg at different modes				
							
1000	25	Violet	1000	2000	1400	800	1000
2000	50	Green	2000	4000	2800	1600	2000
3000	75	Yellow	3000	6000	4200	2400	3000
4000	100	Grey	4000	8000	5600	3200	4000
5000	125	Red	5000	10000	7000	4000	5000
6000	150	Brown	6000	12000	8400	4800	6000
8000	200	Blue	8000	16000	11200	6400	8000
10000	250	Orange	10000	20000	14000	8000	10000
12000	300	Orange	12000	24000	16800	9600	12000



“Our webbing Sling are made from high tenacity 100% polyester (PES) webbing material manufactured according to EN Standards.

Advantages:

1. Low Weight , therefore offers easy handling
2. Protection against hand injuries
3. Protection against cargo surface damage
4. Highly flexible and adaptable to given shapes
5. Water resistant fabric, preventing frost damage
6. Heat resistant upto 100 degree Celsius

Multi Legged Chain Sling



Drum Lifting Sling



Lifting Equipment SL Drum
Clamp With Master Link

Multi Legged Wire Rope Sling





Vertical Plate Clamp

Vertical Plate Clamp: Large Jaw Opening

Weight (Ton)	1 ton	2 ton	3 ton	5 ton	10 ton
Jaw Opening (mm)	25	30	35	55	55

Vertical Plate Clamp: Narrow Jaw Opening

Weight (Ton)	1 ton	2 ton	3 ton	5 ton	10 ton
Jaw Opening (mm)	20	20	25	30	45



Horizontal Plate Clamp

Item	DFQ1.5	DFQ2.5	DFQ5	DFQ10
WLL (t)	1.5	2.5	5	10
Steel plate thickness (mm)	0-20	0-30	0-40	20-60



Rigging & Lashing Equipment

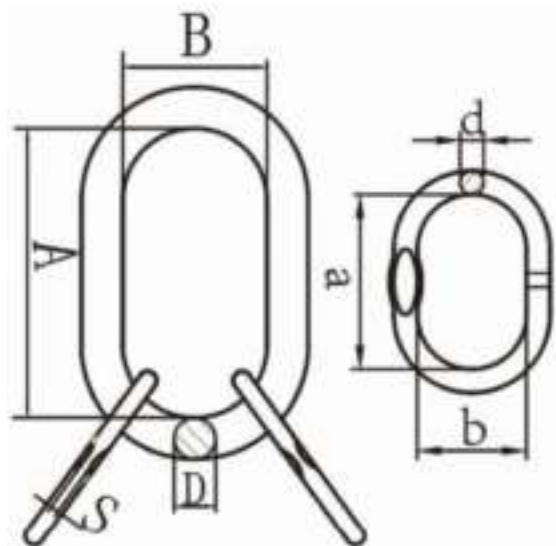
- Lifting g80 Master Link Assembly
- G80 Eye Type Safety Hook
- G80 Eye Sling Hook
- G80 Connecting Link
- G80 Eye Hook
- Eye Bolt
- High strength Screw pin type Dee shackle
- High strength bolt type D shackle
- High strength Screw pin type bow shackle
- High strength bolt type bow shackle





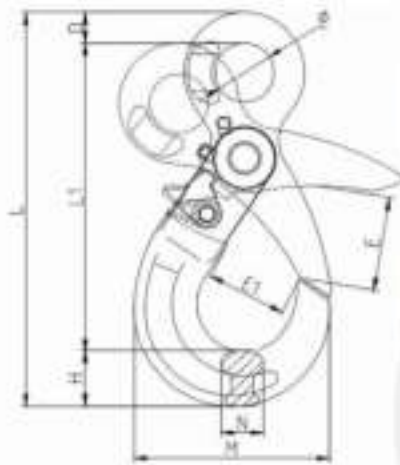
Lifting G80 Master Link Assembly

W.L.L (T)	A (mm)	B (mm)	D (mm)	a (mm)	b (mm)	d (mm)	S2H	Weight (kg/pt)
2.36	135	75	18	34	25	13	7+0.3x25	1.18
3.15	135	75	18	60	30	13	7+0.5x25	1.24
4.25	160	90	22	70	34	16	8+0.5x28	2.2
6.7	180	100	26	85	40	18	11+0.5x35	3.40
11.2	200	110	32	115	50	22	13+0.5x43	6.10
17	200	140	36	140	65	26	17+0.5x55	9.98
19.5	300	160	40	270	140	32	18+0.5x59	19.1
21.2	340	180	45	160	90	32	18+0.5x59	19.4
21.2	340	180	45	180	100	32	18+0.5x59	18.9
26.5	350	190	50	180	90	32	18+0.5x59	23.1
26.5	350	190	50	180	100	32	20+0.5x64	23.7
31.5	350	190	50	190	100	36	00	25.2
45	400	200	56	190	100	40	00	35.5
50	430	220	63	190	100	45	00	47
67	460	250	72	200	110	50	00	66.40



- Super alloy steel - quenched and tempered
- Individually proof tested 2.5 times working load Limit
- 100% Magna flux Crack detection
- Suitable for 1 or 2 legs G80 chain sling as per EN8-18-4

G80 Eye Type Safety Hook



W.L.L (T)	B.L (T)	E1 (mm)	L1 (mm)	Weight (kg/pc)
1.12	4.48	28+/-1	130+/-3	0.50
2	8	35+/-1	136+/-3	0.85
3.15	12.6	45+/-1.5	168+/-3	1.42
5.3	2.2	52+/-2	207+/-4	2.86
8	32	63+/-2	254+/-4	5.90
12.5	50	82+/-2	178+/-5	8.50
15	60	76+/-2	319+/-5	11.6

G80 Eye Sling Hook



W.L.L (T)	E+/-2 (mm)	D+/-2 (mm)	BL (T)	Weight (kg/pc)
1.12	21.5	20	4.48	0.3
2	27.5	24	8	0.4
3.15	27.2	38	12.6	0.9
5.3	38.5	51	21.2	2.2
8	42	62	32	3.2
12.5	44.6	74.8	50	5.8
15	70	68	60	9.2

- Forged super alloy steel- quenched and tempered
- Suitable for EN818-2 G80 chain
- Individually **proof tested at 2.5 times** working load limit
- **100% magnaflux** crack detection
- **Fatigue tested at 1.5 times** working load limit for 20000 cycles.
- **Breakage test**
- Surface finish : **Powder Plastified**
- Color : red RAL3020/ Yellow RAL1028

G 80 Connecting Link

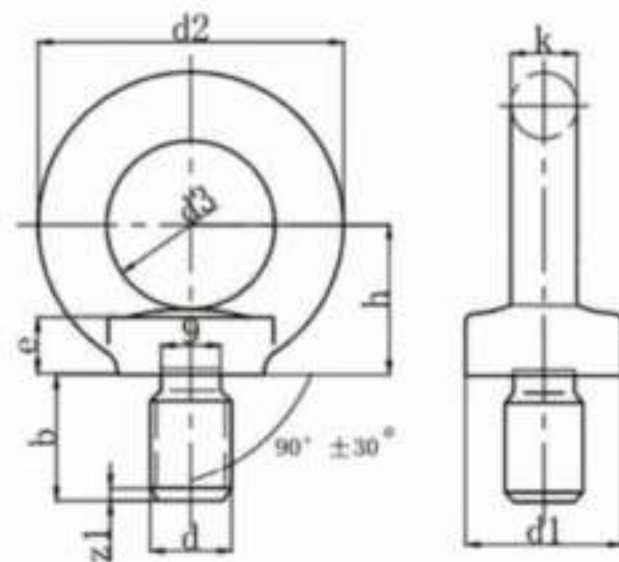


Weight (kg)	WLL(T)	B.L(T)	A±1.5	B±1	C±0.5	L±2	k±2	D±1
0.12	1.5	6	19.8	7.5	6.5	62.5	43	9.8
0.2	2	8	23.2	9.3	10	77	56	10.5
0.33	3.15	12.6	27.5	11.5	8	101	77	12
0.66	5.3	21.2	36	15	9.3	129	95	17
1.22	8	32	42	19.8	12.5	161	119	21
2.18	12.5	55.4	52	23	15	186	137	24.5
3.27	15	60	55.4	27.5	17.3	217.5	158.5	29.5

G80 Eye Sling Hook



Alloy		Carbon		D±1	E±2	H±1.5	k±2.5
W.L.L	B.L	W.L.L	B.L				
0.75T	3.75T	0.5T	2.5T	16.5	18	17	72
1T	5T	0.75T	3.75T	19	22	20.5	82
1.5T	7.5T	1.5T	5T	23	24.5	21.5	94
2T	10T	1.5T	7.5T	28	25	26	104.5
3T	15T	2T	10T	31	27	28	120
5T	25T	3T	15T	39	35.5	40	146
7T	35T	5T	25T	51	44	45	187.5
11T	55T	7.5T	37.5T	62	55	57	231.5



Eye Bolt

W.L.L.	Dimension(mm)							Weigh (lbs/100pc)t
	d1	d2	d3	b	e	h	k	
0.14T	17	28	16	13	6	17	6	11
0.14T	20	36	20	15	6	18	8	13
0.23T	25	45	25	18	8	22	10	24
0.34T	30	54	30	22	10	26	12	40
0.49T	35	63	35	28	12	30	14	63
0.7T	35	63	35	28	12	30	14	62
1.2T	40	72	40	30	12	35	16	99
1.5T	45	81	45	35	14	40	18	148
1.8T	50	90	50	38	16	45	20	192
2.5T	50	90	50	38	18	45	20	194
3.6T	65	108	60	45	18	55	24	366
4.3T	65	108	60	45	22	55	24	380
5.1T	75	126	70	55	22	65	28	585
6.1T	75	126	70	55	26	65	28	618
7T	85	144	80	65	30	75	32	889
8T	85	144	80	65	30	75	32	938
8.6T	100	166	90	70	35	85	38	1408
9.9T	100	166	90	70	35	85	38	1456
11.5T	110	184	100	80	38	95	42	1942
16T	120	206	110	90	42	100	48	2736

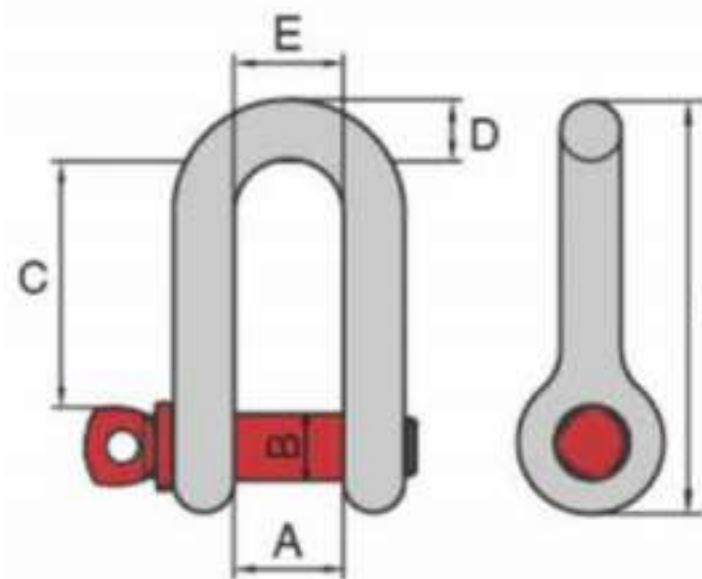
“

The main application

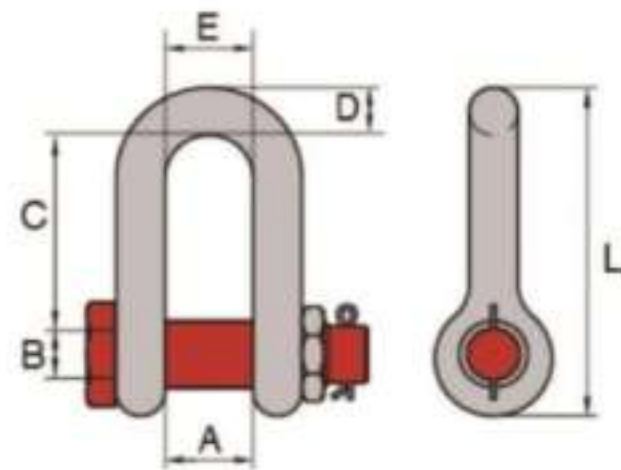
Advantages:

Electric power operation,
metallurgy operation,
petrochemical industry,
mechanical operation,
railway operations and
other industries

High Strength Screw Pin Type Dee Shackle



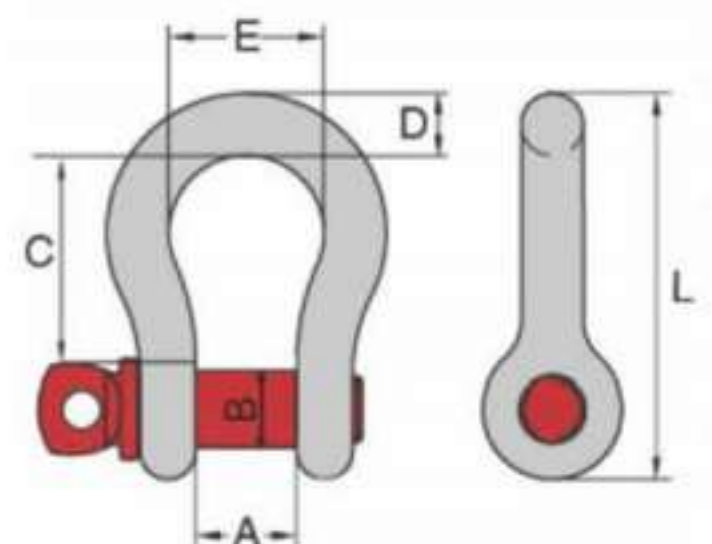
Model	W.L.L (T)	A (mm)	B (mm)	c (mm)	D (mm)	E (mm)	(mm)	Weight (kg/pcs)
TP-M02-3/16	0.33	9.65	6.35		4.85	19.35		0.022
TP-M02-1/4	0.5	11.9	7.85	22.5	6.35	26.4	40.4	0.05
TP-M02-5/16	0.75	13.5	9.65	26.2	7.85	29.5	48.5	0.08
TP-M02-3/8	1	16.8	11.2	31.8	9.65	35.8	58.5	0.13
TP-M02-7/16	1.5	19.1	12.7	36.6	11.2	41.4	67.5	0.2
TP-M02-1/2	2	20.6	16	41.4	12.7	46	77	0.27
TP-M02-5/8	3.25	26.9	19.1	51	16	58.5	95.5	0.57
TP-M02-3/4	4.75	31.8	22.4	60.5	19.1	70	115	1.2
TP-M02-7/8	6.5	36.6	25.4	71.5	22.4	81	135	1.43
TP-M02-1	8.5	42.9	28.7	81	25.4	93.5	151	2.15
TP-M02-1-1/8	9.5	46	31.8	91	29.5	103	172	3.06
TP-M02-1-1/4	12	51.5	35.1	100	32.8	115	191	4.11
TP-M02-1-3/8	13.5	57	38.1	111	35.1	127	210	5.28
TP-M02-1-1/2	17	60.5	41.4	122	38.1	137	230	7.23
TP-M02-1-3/4	25	73	51	146	44.5	162	279	12.1
TP-M02-2	35	82.5	57	172	51	184	312	19.2
TP-M02-2-1/2	55	105	70	203	66.5	238	377	32.5



High Strength Bolt Type D Shackle

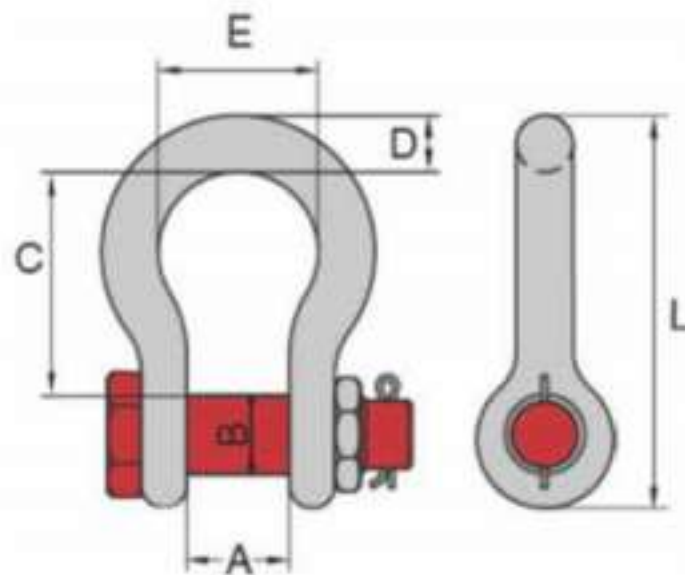
Model	W.L.L.	Dimension(mm)							Weigh (lbs/100pc)t
		d1	d2	d3	b	e	h	k	
TP-EB-M6	0.14T	17	28	16	13	6	17	6	11
TP-EB-M8	0.14T	20	36	20	15	6	18	8	13
TP-EB-M10	0.23T	25	45	25	18	8	22	10	24
TP-EB-M12	0.34T	30	54	30	22	10	26	12	40
TP-EB-M14	0.49T	35	63	35	28	12	30	14	63
TP-EB-M16	0.7T	35	63	35	28	12	30	14	62
TP-EB-M20	1.2T	40	72	40	30	12	35	16	99
TP-EB-M22	1.5T	45	81	45	35	14	40	18	148
TP-EB-M24	1.8T	50	90	50	38	16	45	20	192
TP-EB-M27	2.5T	50	90	50	38	18	45	20	194
TP-EB-M30	3.6T	65	108	60	45	18	55	24	366
TP-EB-M33	4.3T	65	108	60	45	22	55	24	380
TP-EB-M36	5.1T	75	126	70	55	22	65	28	585
TP-EB-M39	6.1T	75	126	70	55	26	65	28	618
TP-EB-M42	7T	85	144	80	65	30	75	32	889
TP-EB-M45	8T	85	144	80	65	30	75	32	938
TP-EB-M48	8.6T	100	166	90	70	35	85	38	1408
TP-EB-M52	9.9T	100	166	90	70	35	85	38	1456
TP-EB-M56	11.5T	110	184	100	80	38	95	42	1942
TP-EB-M64	16T	120	206	110	90	42	100	48	2736

High Strength Screw Pin Type Bow Shackle



Model	W.L.L (T)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	L (mm)	Weight (kg/pcs)
TP-MO2-3/16	0.33	9.65	6.35		4.85	19.35		0.022
TP-MO2-1/4	0.5	11.9	7.85	22.5	6.35	26.4	40.4	0.05
TP-MO2-5/16	0.75	13.5	9.65	26.2	7.85	29.5	48.5	0.08
TP-MO2-3/8	1	16.8	11.2	31.8	9.65	35.8	58.5	0.13
TP-MO2-7/16	1.5	19.1	12.7	36.6	11.2	41.4	67.5	0.2
TP-MO2-1/2	2	20.6	16	41.4	12.7	46	77	0.27
TP-MO2-5/8	3.25	26.9	19.1	51	16	58.5	95.5	0.57
TP-MO2-3/4	4.75	31.8	22.4	60.5	19.1	70	115	1.2
TP-MO2-7/8	6.5	36.6	25.4	71.5	22.4	81	135	1.43
TP-MO2-1	8.5	42.9	28.7	81	25.4	93.5	151	2.15
TP-MO2-1-1/8	9.5	46	31.8	91	29.5	103	172	3.06
TP-MO2-1-1/4	12	51.5	35.1	100	32.8	115	191	4.11
TP-MO2-1-3/8	13.5	57	38.1	111	35.1	127	210	5.28
TP-MO2-1-1/2	17	60.5	41.4	122	38.1	137	230	7.23
TP-MO2-1-3/4	25	73	51	146	44.5	162	279	12.1
TP-MO2-2	35	82.5	57	172	51	184	312	19.2
TP-MO2-2-1/2	55	105	70	203	66.5	238	377	32.5

High Strength Bolt Type Bow Shackle



Model	W.L.L (T)	A (mm)	B (mm)	c (mm)	D (mm)	E (mm)	L (mm)	Weight
TP-MO2-3/6	0.33	9.65	6.35		4.85	19.35		0.022
TP-MO2-1/4	0.5	11.9	7.85	22.5	6.35	26.4	40.4	0.05
TP-MO2-5/16	0.75	15.5	9.65	26.2	7.85	29.5	48.5	0.08
TP-MO2-3/8	1	16.8	11.2	31.8	9.65	35.8	58.5	0.13
TP-MO2-7/16	1.5	19.1	12.7	36.6	11.2	41.4	67.5	0.2
TP-MO2-1/2	2	20.6	16	41.4	12.7	46.1	77	0.27
TP-MO2-5/8	3.25	26.9	19.1	51	16	58.5	95.5	0.57
TP-MO2-3/4	4.75	31.8	22.4	60.5	19.1	70	115	1.2
TP-MO2-7/8	6.5	36.6	25.4	71.5	22.4	81	135	1.43
TP-MO2-1	8.5	42.9	28.7	81	25.4	93.5	151	2.15
TP-MO2-1-1/8	9.5	46.1	31.8	91	29.5	103	172	3.06
TP-MO2-1-1/4	12	51.5	35.1	100	32.8	115	191	4.11
TP-MO2-1-3/8	13.5	57	38.1	111	35.1	127	210	5.28
TP-MO2-1-1/2	17	60.5	41.4	122	38.1	137	230	7.23
TP-MO2-1-3/4	25	73	51	146	44.5	162	279	12.1
TP-MO2-2	35	82.5	57	172	51	184	312	19.2
TP-MO2-2-1/2	55	105	70	203	66.5	238	377	32.5



SS Bow Shackle



SS Dee Shackle



SS Turnbuckle



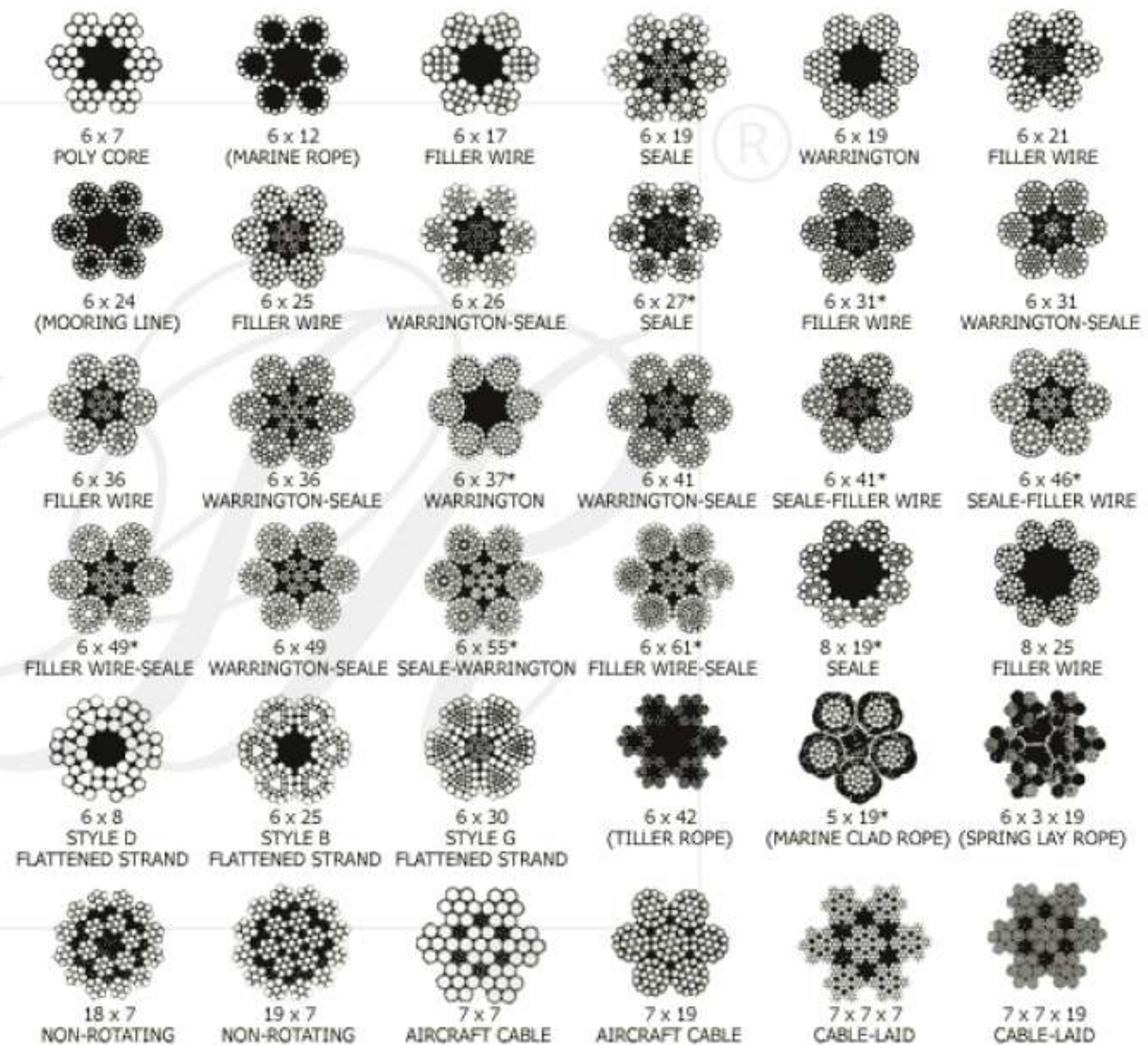
SS Wire Rope Clamp



SS Round Ring



SS Thimble





Material Handling

- Hydraulic Hand Pallet Truck
- Manual Hydraulic Stacker
- Semi Electric Stacker
- Mini crane standard stand
- Mini crane Heavy stand



Hydraulic Hand Pallet Truck



Dimensions of the trolley (mm)	Rated Load	Minimum height Maximum height(mm)	Universal Wheel	Load-bearing wheels (mm)	Fork length (mm)
250x550 or 365x685	2000kg	85/195	Polyurethane/ Nylon wheels 180x50mm	74x55	1150
250x550 or 365x685	3000kg	85/205	Polyurethane/ Nylon wheels 180x50mm	80x70	1200
250x550 or 365x685	5000kg	85/205	Polyurethane/ Nylon wheels 180x50mm	80x70	1220

Manual Hydraulic Stacker

Rated Load	Min. Height	Lifting Height 1.6m			Lifting Height 2m		
		Overall Height	Overall Machine width	Overall Length	Overall Height	Overall Machine width	Overall Length
1T	12cm	2.1m	0.78m	1.2m	2.45m	0.73m	1.2m
2T	12cm	2.1m	0.78m	1.2m	2.45m	0.73m	1.2m
3T	12cm	2.1m	0.78m	1.2m	2.45m	0.8m	1.2m



Semi Electric Stacker



Lifting height	1.6 M	2M	2.5M	3M	3.5M	4M
Complete vehicle stand still	2080	1600	1850	2080	2350	2600
Overall vehicle length (mm)	1700	1700	1700	1700	1700	1700
Overall vehicle width (mm)	1000	1000	1000	1000	1000	1000
Houcha min.Height	90	90	90	90	90	90
Fork length	1100	1100	1100	1100	1100	1100
Max outside width of forks (	680/950	680/950	680/950	680/950	680/950	680/950
Lifting motors	12V/1.6KW	12V/1.6KW	12V/1.6KW	12V/1.6KW	12V/1.6KW	12V/1.6KW

Crane

Mini Crane Standard Stand

Lifting weight	Wire Rope specification (mm)	Power rating (w)	Working Hours	Rope length for wire occupancy (m)	Rated Voltage	Lifting Speed	Optional wire rope lengths
100kg	4	600	30/min	4	220V	12m/min 24m/min	12m/ 20m/ 30m
200 kg	5	980	50/min	4			
250 kg	5	1200	1/h	4			
300 kg	5	1400	1/h	4			



Mini Crane Heavy Stand

Lifting weight	Wire Rope specification (mm)	Power rating (w)	Working Hours	Rope length for wire occupancy (m)	Rated Voltage	Lifting Speed	Optional wire rope lengths
400kg	6	1800	6-8h	4	220V	10-12 m/ min	40 m / 50 m
	6	2200	8-12h	4			
500 kg	8	3500	8-12h	4			
	8	3500	8-12h	4			



Alfa Enterprises



An ESSARSONS Group Company

www.alfalifters.com

Regd Office: 11, Unique Rashmi Shopping Centre,
Chhatrapati

Shivaji Marg, Agashi Rd., Virar (W) - 401303

Sales office: 94, Abdul Rehman Street, Mumbai - 40003

Factory/Warehouse: Raipada Stop, Veer Savarkar
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