

# COMPANY PROFILE

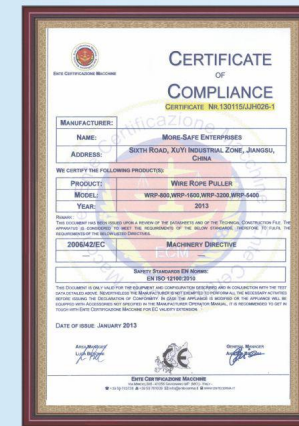
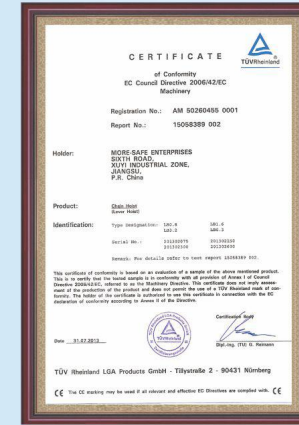
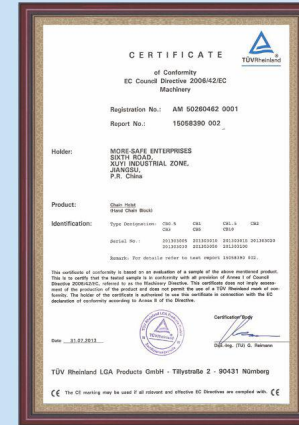


**MORE-SAFE ENTERPRISES**, as a part of JIALI GROUP, which covers a total area of 100,000 sq.m, located in Jiangsu China. We are a professional manufacturer of "LIFTKING" brand electric chain hoist, wire rope hoist, manual hoist, cranes and crane components, also a trustworthy supplier of related lifting equipment. We obtained CE, SGS, ISO certificates for our products.

With high quality, reasonable price, portable designs, wide used scope, specialized in molds, mechanical manufacture, logistics, railways, construction production lines etc., our products has been successfully recognized, trusted and exported to Europe, South America, Middle East, Southeast Asia, Africa and other regions.

We will be very happy to cooperate with our friends from all over the world, to develop worldwide market together, and establish a long-term business partnership with you on the basis of mutual benefits and success.

Warmly welcome to contact us, we will be excited to hear from you!



## LIFTKING PROVIDES YOU:

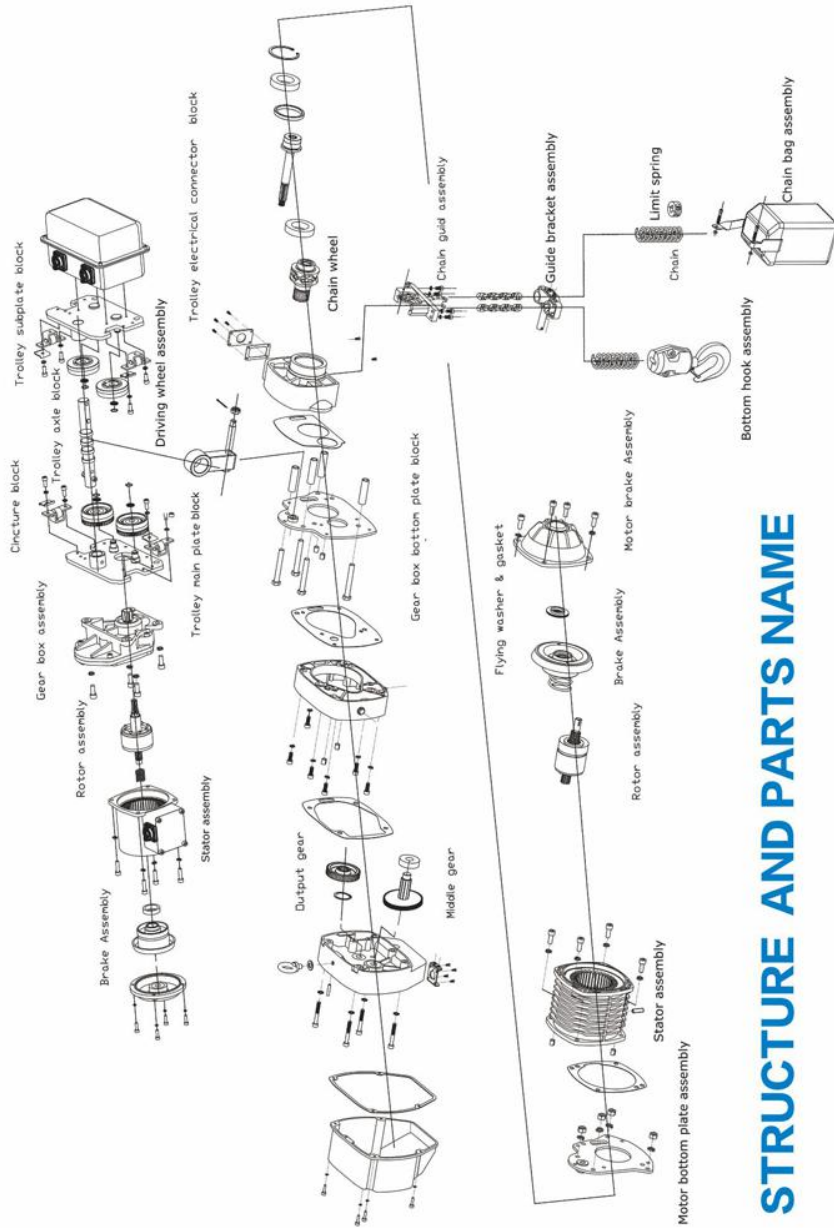
1. Excellent product quality
2. Professional technical information and advice.
3. Swift efficiency and high credit
4. Perfect pre-sale and after-sales service
5. Enjoyable business experience

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## Electric Chain Hoist Series ◀





## STRUCTURE AND PARTS NAME



**Electric Trolley <<**

The range of flange width is adjustable. Motor include disc type brakes. Side guide rollers are to promote the trolley motion smooth and minimize the wear of wheel and beam.



**Inverse Phase Sequence Protecting Device <<**

It's the special electrical installation of controlling the circuit not work in case of wiring error in the power supply.



**Upper and Lower Limit Switch <<**

The limit switch will cut off the motor circuit and prevent the damage to hoist structure and load chain when over-lifting or over-lowering happens.



**Safe Brake System <<**

Electric brake is designed for easy access and simple adjustment. It allows instant brake as soon as the electric power is cut off. Thus the braking safety while loading is guaranteed.



**Load Sheave / Reduced Vibration <<**

Increasing the number of load sheave pockets helps relieve vibrations produced by revolving polygonal sheave on the hoist's body and load chain.



**Heavy Duty Hoist Motor <<**

Light aluminium alloy shell, light but hard. The cooling fin is specially designed to ensure quick heat dissipation with the rate up to 40% and continuous service.



**Chain Container <<**

Canvas chain container is a standard fittings. Operation fabricated steel containers are available for long lift applications.



**Load Chain <<**

G80 FEC Ultra heat-treatable alloy steel chain, has a high resistance to wear and corrosion.



**Push Button Control <<**

Compact design to enable one-handed operation. Rated IP55 protection. Emergency stop button is included. Push button cable has strain relief to prevent cable damage.



**Hooks <<**

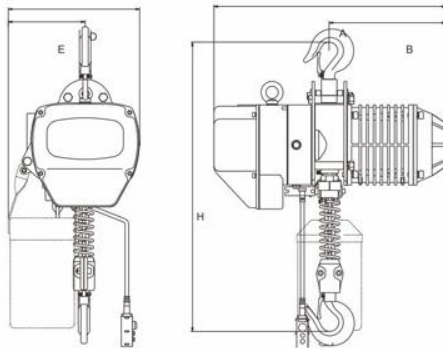
Load hook is forged carbon steel hook with a heavy-duty hook latch. Thrust bearing in hook allows 360° rotation to prevent twisting of load chain. Top hook, for hook suspended hoist is rigid.

### Hoist With Hook Suspension

**250Kg-5Ton**



- ❶ 3 meters lifting height and power supply cable as standard accompanies , can be made as your request .
- ❷ Canvas chain container is standard accompanies . Steel chain container is available if lifting height is more than capacity of the standard container volume .
- ❸ Emergency stop button on the push button , push down it , the motor circuit will be cut off .
- ❹ Single Voltage , Dual Voltage or three Voltage optional (220/380V,220/380/440V etc.) , 50/60hz optional .
- ❺ Control voltage : 24V/36V/48V optional .
- ❻ Dual speed or single speed optional.
- ❼ Single phase or three phase .
- ❽ Working grade: M4 .
- ❾ G80 , G100 , or FEC Japan chain optional.
- ❿ Remote control , Travel limiter ,Overload limiter, Rain cover can be added .



#### Single Speed

#### Technical Parameters

Model	ECH											
	0.25-01S	0.5-01S	01-01S	1.5-01S	02-01S	02-02S	2.5-01S	03-01S	03-02S	03-03S	05-02S	
Capacity(t)	0.25	0.5	1	1.5	2		2.5	3		5		
Lifting Speed(m/min)	7.2	7.2	6.6	8.8	6.6	3.3	5.4	5.4	4.4	2.2	2.7	
Motor Power(kw)	0.8	0.8	1.5	3.0	3.0	1.5	3.0	3.0	3.0	1.5	3.0	
Rotation Speed(r/min)	1440											
Insulation Grade	F											
Power Supply	3P 220V-690V											
Control Voltage	24V/36V/48V											
No. of Chain	1	1	1	1	1	2	1	1	2	3	2	
Spec. of Load Chain	φ6.3	φ6.3	φ7.1	φ10.0	φ10.0	φ7.1	φ11.2	φ11.2	φ10.0	φ7.1	φ11.2	
Net Weight(kg)	45	47	61	108	110	73	103	115	127	89	138	
Basic Dimension (mm)	H	530	530	650	800	800	835	845	845	950	950	1030
	A	460	460	520	615	615	520	615	615	615	520	615
	B	230	230	260	295	295	260	295	295	295	260	295
	D	288	288	300	430	430	300	430	430	430	350	430
	E	178	178	176	265	265	236	265	265	320	205	325

#### Dual Speed

#### Technical Parameters

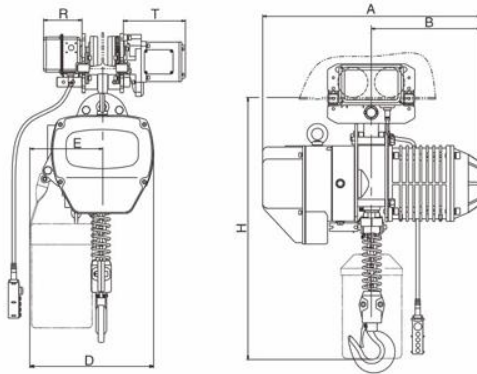
Model	ECH											
	0.25-01D	0.5-01D	01-01D	1.5-01D	02-01D	02-02D	2.5-01D	03-01D	03-02D	03-03D	05-02D	
Capacity(t)	0.25	0.5	1	1.5	2		2.5	3		5		
Lifting Speed(m/min)	7.2/2.4	7.2/2.4	6.9/2.3	9.0/3.0	6.9/2.3	3.3/1.1	5.4/1.8	5.4/1.8	4.5/1.5	2.4/0.8	2.7/0.9	
Motor Power(kw)	0.8/0.27	0.8/0.27	1.8/0.6	3.0/1.0	3.0/1.0	1.8/0.6	3.0/1.0	3.0/1.0	3.0/1.0	1.8/0.6	3.0/1.0	
Rotation Speed(r/min)	2880/960											
Insulation Grade	F											
Power Supply	3P 220V-690V											
Control Voltage	24V/36V/48V											
No. of Chain	1	1	1	1	1	2	1	1	2	3	2	
Spec. of Load Chain	φ6.3	φ6.3	φ7.1	φ10.0	φ10.0	φ7.1	φ11.2	φ11.2	φ10.0	φ7.1	φ11.2	
Net Weight(kg)	52	54	71	114	150	86	148	159	168	102	184	
Basic Dimension (mm)	H	530	530	650	800	800	835	845	845	950	950	1030
	A	545	545	582	670	670	582	670	670	615	582	670
	B	260	260	280	313	313	280	313	313	313	280	313
	D	288	288	300	430	430	300	430	430	430	350	430
	E	178	178	176	265	265	236	265	265	320	205	325

### Hoist With Electric Trolley

**250Kg-5Ton**



- ❶ 3 meters lifting height and power supply cable as standard accompanies , can be made as your request .
- ❷ Canvas chain container is standard accompanies . Steel chain container is available if lifting height is more than capacity of the standard container volume .
- ❸ Emergency stop button on the push button , push down it , the motor circuit will be cut off .
- ❹ Single Voltage , Dual Voltage or three Voltage optional (220/380V,220/380/440V etc.) , 50/60hz optional .
- ❺ Control voltage : 24V/36V/48V optional .
- ❻ Dual speed or single speed optional.
- ❼ Single phase or three phase .
- ❽ Working grade: M4 .
- ❾ G80 , G100 , or FEC Japan chain optional.
- ❿ Remote control , Travel limiter ,Overload limiter, Rain cover can be added .



#### Single Speed

#### Technical Parameters

Model	ECH										
	0.25-01S	0.5-01S	01-01S	1.5-01S	02-01S	02-02S	2.5-01S	03-01S	03-02S	03-03S	05-02S
Capacity(t)	0.25	0.5	1	1.5	2	2	2.5	3	3	3	5
Lifting Speed(m/min)	7.2	7.2	6.6	8.8	6.6	3.3	5.4	5.4	4.4	2.2	2.7
Lifting Motor Power(kw)	0.8	0.8	1.5	3.0	3.0	1.5	3.0	3.0	3.0	1.5	3.0
Traveling Speed(m/min)	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	11.0
Traveling Motor Power(kw)	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.75	0.75	0.75	0.75
Rotation Speed(r/min)	1440										
Insulation Grade	F										
Power Supply	3P 220V-690V										
Control Voltage	24V/36V/48V										
No. of Chain	1	1	1	1	1	2	1	1	2	3	2
Spec. of Load Chain	φ6.3	φ6.3	φ7.1	φ10.0	φ10.0	φ7.1	φ11.2	φ11.2	φ10.0	φ7.1	φ11.2
Net Weight(kg)	68	71	103	145	161	123	155	167	189	151	220
I-Beam Width(mm)	58-153	58-153	58-153	82-178	82-178	82-178	100-178	100-178	100-178	100-178	100-178
Basic Dimension (mm)	H	530	635	650	770	770	815	830	830	930	1015
	A	460	460	520	615	615	520	615	615	520	615
	B	230	230	260	295	295	260	295	295	260	295
	D	288	288	300	430	430	300	430	430	430	350
	E	178	178	176	265	265	236	265	265	320	205

#### Dual Speed

#### Technical Parameters

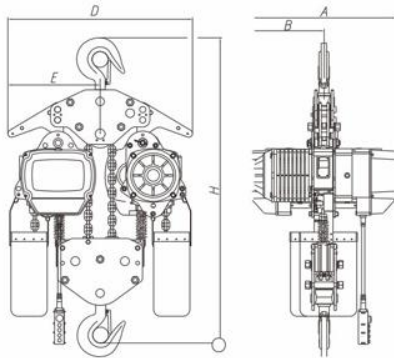
Model	ECH										
	0.25-01D	0.5-01D	01-01D	1.5-01D	02-01D	02-02D	2.5-01D	03-01D	03-02D	03-03D	05-02D
Capacity(t)	0.25	0.5	1	1.5	2	2	2.5	3	3	3	5
Lifting Speed(m/min)	7.2/2.4	7.2/2.4	6.9/2.3	9.0/3.0	6.9/2.3	3.3/1.1	5.4/1.8	5.4/1.8	4.5/1.5	2.4/0.8	2.7/0.9
Lifting Motor Power(kw)	0.8/0.27	0.8/0.27	1.8/0.6	0.8/0.27	3.0/1.0	3.0/1.0	1.8/0.6	3.0/1.0	3.0/1.0	1.8/0.6	3.0/1.0
Traveling Speed(m/min)	20/5	20/5	20/5	20/5	20/5	20/5	20/5	20/5	20/5	20/5	20/5
Traveling Motor Power(kw)	0.4/0.12	0.4/0.12	0.4/0.12	0.4/0.12	0.4/0.12	0.4/0.12	0.4/0.12	0.8/0.27	0.8/0.27	0.4/0.12	0.8/0.27
Rotation Speed(r/min)	2880/960										
Insulation Grade	F										
Power Supply	3P 220V-690V										
Control Voltage	24V/36V/48V										
No. of Chain	1	1	1	1	1	2	1	1	2	3	2
Spec. of Load Chain	φ6.3	φ6.3	φ7.1	φ10.0	φ10.0	φ7.1	φ11.2	φ11.2	φ10.0	φ7.1	φ11.2
Net Weight(kg)	82	84	125	161	171	147	174	207	218	200	264
I-Beam Width(mm)	58-153	58-153	58-153	82-178	82-178	82-178	100-178	100-178	100-178	100-178	100-178
Basic Dimension (mm)	H	650	650	650	650	770	815	830	830	930	1015
	A	545	545	582	582	670	582	670	615	582	670
	B	260	260	280	280	313	280	313	313	313	280
	D	288	288	300	300	430	300	430	430	430	350
	E	178	178	176	176	265	236	265	265	320	205

## Hoist With Hook Suspension

7.5Ton-25Ton



- 1 3 meters lifting height and power supply cable as standard accompanies . can be made as your request .
- 2 Canvas chain container is standard accompanies . Steel chain container is available if lifting height is more than capacity of the standard container volume .
- 3 Emergency stop button on the push button , push down it , the motor circuit will be cut off .
- 4 Single Voltage , Dual Voltage or three Voltage optional (220/380V,220/380/440V etc.) , 50/60hz optional .
- 5 Control voltage : 24V/36V/48V optional .
- 6 Dual speed or single speed optional.
- 7 Single phase or three phase .
- 8 Working grade: M4 .
- 9 G80 , G100, or FEC Japan chain optional.
- 10 Remote control ,Travel limiter ,Overload limiter, Rain cover can be added .



### Single Speed

### Technical Parameters

Model	ECH					
	7.5-03S	10-04S	15-06S	20-08S	25-10S	
Capacity(t)	7.5	10	15	20	25	
Lifting Speed(m/min)	1.8	2.7	1.8	1.4	1.1	
Motor Power(kw)	3.0	3.0×2	3.0×2	3.0×2	3.0×2	
Rotation Speed(r/min)	1440					
Insulation Grade	F					
Power Supply	3P 220V-690V					
Control Voltage	24V/36V/48V					
No. of Chain	3	4	6	8	10	
Spec. of Load Chain	φ11.2	φ11.2	φ11.2	φ11.2	φ11.2	
Net Weight(kg)	176	300	382	482	503	
Basic Dimension(mm)	H	1200	1400	1260	1320	1340
	A	615	630	630	630	630
	B	295	315	315	315	315
	D	505	890	1070	1260	1460
	E	320	445	535	630	725

### Dual Speed

### Technical Parameters

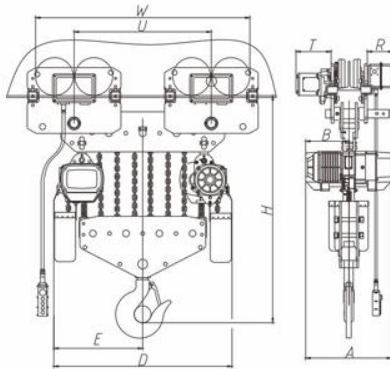
Model	ECH					
	7.5-03D	10-04D	15-06D	20-08D	25-10D	
Capacity(t)	7.5	10	15	20	25	
Lifting Speed(m/min)	1.8/0.6	2.7/0.9	1.8/0.6	1.5/0.5	1.2/0.4	
Motor Power(kw)	3.0/1.0	3.0×2/1.0×2	3.0×2/1.0×2	3.0×2/1.0×2	3.0×2/1.0×2	
Rotation Speed(r/min)	2880/960					
Insulation Grade	F					
Power Supply	3P 220V-690V					
Control Voltage	24V/36V/48V					
No. of Chain	3	4	6	8	10	
Spec. of Load Chain	φ11.2	φ11.2	φ11.2	φ11.2	φ11.2	
Net Weight(kg)	215	380	455	545	579	
Basic Dimension(mm)	H	1200	1400	1260	1320	1340
	A	670	670	670	670	670
	B	313	388	388	388	388
	D	505	890	1070	1260	1460
	E	320	445	535	630	725

### Hoist With Electric Trolley

**7.5Ton-25Ton**



- ❶ 3 meters lifting height and power supply cable as standard accompanies , can be made as your request .
- ❷ Canvas chain container is standard accompanies . Steel chain container is available if lifting height is more than capacity of the standard container volume .
- ❸ Emergency stop button on the push button , push down it , the motor circuit will be cut off .
- ❹ Single Voltage , Dual Voltage or three Voltage optional (220/380V,220/380/440V etc.) , 50/60hz optional .
- ❺ Control voltage : 24V/36V/48V optional .
- ❻ Dual speed or single speed optional.
- ❼ Single phase or three phase .
- ❽ Working grade: M4 .
- ❾ G80 , G100 , or FEC Japan chain optional.
- ❿ Remote control ,Travel limiter ,Overload limiter , Rain cover can be added .



#### Single Speed

#### Technical Parameters

Model	ECH					
	7.5-03S	10-04S	15-06S	20-08S	25-10S	
Capacity(t)	7.5	10	15	20	25	
Lifting Speed(m/min)	1.8	2.7	1.8	1.4	1.1	
Lifting Motor Power(kw)	3.0	3.0×2	3.0×2	3.0×2	3.0×2	
Traveling Speed(m/min)	11	11	11	11	11	
Traveling Motor Power(kw)	0.8	0.8	0.8×2	0.8×2	0.8×2	
Rotation Speed(r/min)	1440					
Insulation Grade	F					
Power Supply	3P 220V-690V					
Control Voltage	24V/36V/48V					
No. of Chain	3	4	6	8	10	
Spec. of Load Chain	φ11.2	φ11.2	φ11.2	φ11.2	φ11.2	
Net Weight(kg)	176	300	382	482	503	
I-Beam Width(mm)	100-178	150-220	150-220	150-220	150-220	
Basic Dimension(mm)	H	1100	1190	1310	1470	1580
	A	615	630	630	630	630
	B	295	315	315	315	315
	D	505	890	1070	1260	1460
	E	320	445	535	630	725

#### Dual Speed

#### Technical Parameters

Model	ECH					
	7.5-03D	10-04D	15-06D	20-08D	25-10D	
Capacity(t)	7.5	10	15	20	25	
Lifting Speed(m/min)	1.8/0.6	2.7/0.9	1.8/0.6	1.5/0.5	1.2/0.4	
Lifting Motor Power(kw)	3.0/1.0	3.0×2/1.0×2	3.0×2/1.0×2	3.0×2/1.0×2	3.0×2/1.0×2	
Traveling Speed(m/min)	20/5	20/5	20/5	20/5	20/5	
Traveling Motor Power(kw)	0.8/0.27	0.8/0.27	0.8×2/0.27×2	0.8×2/0.27×2	0.8×2/0.27×2	
Rotation Speed(r/min)	2880/960					
Insulation Grade	F					
Power Supply	3P 220V-690V					
Control Voltage	24V/36V/48V					
No. of Chain	3	4	6	8	10	
Spec. of Load Chain	φ11.2	φ11.2	φ11.2	φ11.2	φ11.2	
Net Weight(kg)	215	380	455	545	579	
I-Beam Width(mm)	100-178	150-220	150-220	150-220	150-220	
Basic Dimension (mm)	H	1200	1190	1310	1470	1580
	A	670	670	670	670	670
	B	313	388	388	388	388
	D	505	890	1070	1260	1460
	E	320	445	535	630	725

## Ultra Low Headroom Hoist

0.5Ton-10Ton



1 Lifting brand ultra low headroom electric chain hoist is uniquely designed to have shorter headroom than that of standard hoist configurations.

2 This product is the most suitable for installation which requires a low ceiling of buildings or maximizes effective lift. The trolleys are available as option.

### Single Speed

### Technical Parameters

Model	ECH										
	0.5-01L	01-01L	1.5-01L	02-01L	02-02L	2.5-01L	03-01L	03-02L	05-02L	7.5-03L	10-04L
Capacity(t)	0.5	1	1.5	2	2	2.5	3	3	5	7.5	10
Lifting Speed(m/min)	7.2	6.6	8.8	6.6	3.3	5.4	5.4	4.4	2.7	1.8	2.7
Lifting Motor Power(kw)	0.8	1.5	3.0	3.0	1.5	3.0	3.0	3.0	3.0	3.0	3.0
Traveling Speed(m/min)	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	11.0	11.0	11.0
Traveling Motor Power(kw)	0.4	0.4	0.4	0.4	0.4	0.75	0.75	0.75	0.75	0.75	0.75
Rotation Speed(r/min)	1440										
Insulation Grade	F										
Power Supply	3P 220V-690V										
Control Voltage	24V/36V/48V										
No. of Chain	1	1	1	1	2	1	1	2	2	3	4
Spec. of Load Chain	φ6.3	φ7.1	φ10.0	φ10.0	φ7.1	φ11.2	φ11.2	φ10.0	φ11.2	φ11.2	φ11.2
Net Weight(kg)	82	110	156	183	114	187	195	202	282	310	425
I-Beam Width(mm)	58-153	58-153	82-178	82-178	82-178	100-178	100-178	100-178	100-178	150-220	150-220
Basic Dimension (mm)	H	440	480	570	570	535	640	640	685	740	890
	A	460	520	615	615	520	615	615	615	615	615
	B	230	260	295	295	260	295	295	295	295	295
	D	585	630	720	720	665	775	775	750	825	1020
	E	400	445	505	505	445	526	526	503	541	730

### Dual Speed

### Technical Parameters

Model	ECH										
	0.5-01LD	01-01LD	1.5-01LD	02-01LD	02-02LD	2.5-01LD	03-01LD	03-02LD	05-02LD	7.5-03LD	10-04LD
Capacity(t)	0.5	1	1.5	2	2	2.5	3	3	5	7.5	10
Lifting Speed(m/min)	7.2/2.4	6.9/2.3	9.0/3.0	6.9/2.3	3.3/1.1	5.4/1.8	5.4/1.8	4.5/1.5	2.7/0.9	1.8/0.6	2.7/0.9
Lifting Motor Power(kw)	0.8/0.27	1.8/0.6	3.0/1.0	3.0/1.0	1.8/0.6	3.0/1.0	3.0/1.0	3.0/1.0	3.0/1.0	3.0/1.0	3.0/1.0
Traveling Speed(m/min)	20/5	20/5	20/5	20/5	20/5	20/5	20/5	20/5	20/5	20/5	20/5
Traveling Motor Power(kw)	0.4/0.12	0.4/0.12	0.4/0.12	0.4/0.12	0.4/0.12	0.4/0.12	0.8/0.27	0.8/0.27	0.8/0.27	0.8/0.27	0.8/0.27
Rotation Speed(r/min)	2880/960										
Insulation Grade	F										
Power Supply	3P 220V-690V										
Control Voltage	24V/36V/48V										
No. of Chain	1	1	1	1	2	1	1	2	2	3	4
Spec. of Load Chain	φ6.3	φ7.1	φ10.0	φ10.0	φ7.1	φ11.2	φ11.2	φ10.0	φ7.1	φ11.2	φ11.2
Net Weight(kg)	94	120	166	195	124	195	207	212	302	340	480
I-Beam Width(mm)	58-153	58-153	82-178	82-178	82-178	100-178	100-178	100-178	100-178	150-220	150-220
Basic Dimension (mm)	H	400	480	570	570	535	640	640	685	740	890
	A	545	582	670	670	520	670	670	670	670	670
	B	260	280	313	313	260	313	313	313	313	313
	D	585	630	720	720	665	775	775	750	825	1020
	E	400	445	505	505	445	526	526	503	541	730



## Double Hook Electric Chain Hoist

0.5Ton-5Ton



Technical Parameters

Model	Double Hook Electric Chain Hoist				
	ECH0.25+0.25t	ECH0.5+0.5t	ECH1+1t	ECH1.5+1.5t	ECH2.5+2.5t
Capacity(t)	0.5	1	2	3	5
Lifting speed (m/min)	7.2	6.6	6.6	5.4	2.7
Lifting motor power (kw)	0.8	1.5	3.0	3.0	3.0
Traveling speed (m/min)	21	21	21	21	11
Traveling motor power (kw)	0.4	0.4	0.4	0.75	0.75
Rotation speed (r/min)	1400				
Insulation Grade	F				
Power supply	220V-690V, 50/60HZ, 3P				
Control Voltage	24V/36V/48V				
No. of Chain	2×1	2×1	2×1	2×1	2×2
Spec. of chain (Ø)	6.3	7.1	10.0	11.2	11.2

## Electric Stage Hoist

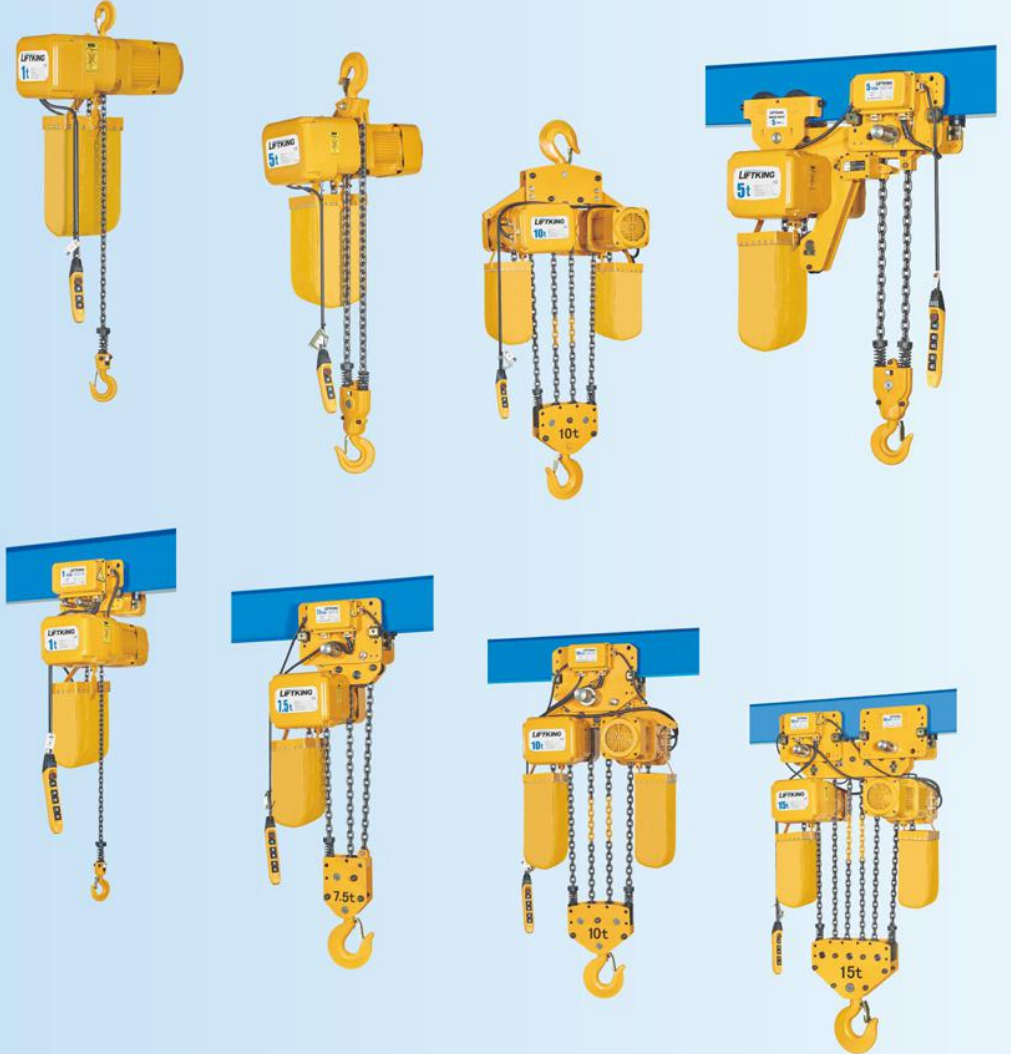
0.25Ton-2Ton



Technical Parameters

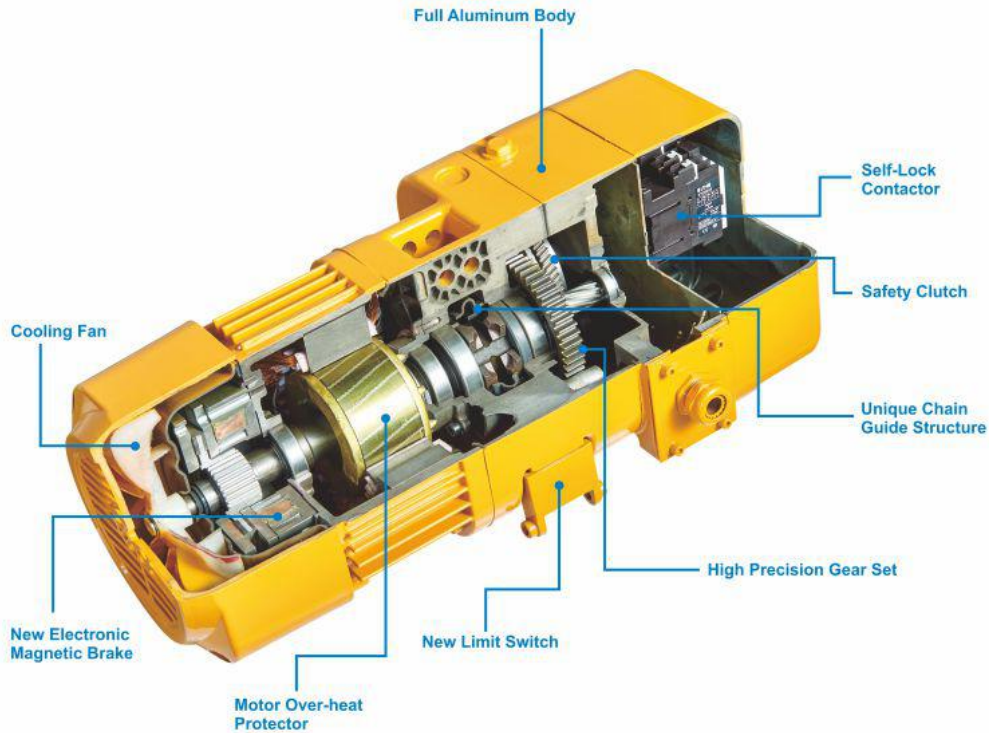
Model	Electric Stage Hoist			
	ECH0.25-01M	ECH0.5-01M	ECH01-01M	ECH02-01M
Capacity(t)	0.25	0.5	1	2
Lifting speed (m/min)	9.2	8.3	6.3	6.9
Lifting motor power (kw)	0.56	0.9	1.5	3.0
Rotation speed (r/min)	1400			
Insulation Grade	F			
Power supply	220V-690V, 50/60HZ, 3P			
Control Voltage	24V/36V/48V			
No. of Chain	1	1	1	1
Spec. of chain (Ø)	4.0	6.3	7.1	10.0

## ER2 Series Electric Chain Hoist ◀



### Advantages :

- 1 All aluminum die-cast body , make hoist much lighter weight .
- 2 Cooling fan for motor , make hoist service much longer life .
- 3 Motor protection: with overheating protector.
- 4 Brake system: electronic magnetic brake.
- 5 Safety clutch for overload protection .
- 6 Inverter as optional accessories .
- 7 Limit switch for upper and lower ; 20° lifting angle allowance .
- 8 FEC Japan chain.
- 9 Working grade M5 .



## ER2 Hoist



Technical Parameters

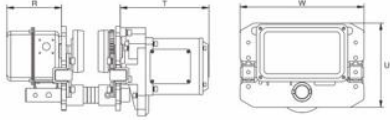
Model	ECH(M)															
	0.25-01M		0.5-01M		01-01M		02-01M		02-02M		03-01M		03-02M		05-02M	
Capacity(t)	0.25		0.5		1		2		2		3		3		5	
Lifting Model	single speed	Inverter	single speed	Inverter	single speed	Inverter	single speed	Inverter	single speed	Inverter	single speed	Inverter	single speed	Inverter	single speed	Inverter
Lifting Speed(m/min)	9.1	0.91-9.1	8.3	0.83-8.3	6.3	0.63-6.3	6.9	0.69-6.9	3.2	0.32-3.2	6.6	0.66-6.6	4.3	0.43-4.3	3.3	0.33-3.3
Motor Power(kw)	0.56		0.9		1.5		3.0		1.5		3.0		3.0		3.0	
Rotation Speed(r/min)	1440															
Insulation Grade	F															
Working Grade	M5															
Protection Grade	IP55															
Power Supply	3P 220V-690V															
Control Voltage	24V/36V/48V															
No. of Chain	1		1		1		1		2		1		2		2	
Spec. of Load Chain	φ4.0		φ6.3		φ7.1		φ10.0		φ7.1		φ11.2		φ10.0		φ11.2	

Technical Parameters

Model	ECH(M)															
	7.5-03M		10-04M		15-06M		20-08M		25-10M		30-12M		40-16M		50-20M	
Capacity(t)	7.5		10		15		20		25		30		40		50	
Lifting Model	single speed	Inverter	single speed	Inverter	single speed	Inverter	single speed	Inverter	single speed	Inverter	single speed	Inverter	single speed	Inverter	single speed	Inverter
Lifting Speed(m/min)	2.2	0.22-2.2	3.3	0.33-3.3	2.2	0.22-2.2	1.65	0.165-1.65	1.3	0.13-1.3	1.1	0.11-1.1	0.83	0.083-0.83	0.66	0.066-0.66
Motor Power(kw)	3.0		3.0x2		3.0x2		3.0x2		3.0x2		3.0x2		3.0x2		3.0x2	
Rotation Speed(r/min)	1440															
Insulation Grade	F															
Working Grade	M5															
Protection Grade	IP55															
Power Supply	3P 220V-690V															
Control Voltage	24V/36V/48V															
No. of Chain	3		4		6		8		10		12		16		20	
Spec. of Load Chain	φ11.2		φ11.2		φ11.2		φ11.2		φ11.2		φ11.2		φ11.2		φ11.2	

## Electric Trolley

Model: ET



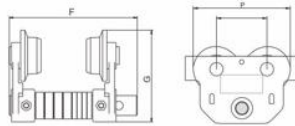
### Technical Parameters

Model		ET						
Capacity (ton)		0.5	1	2	3	5	7.5	10
Running Test Load (ton)		0.625	1.25	2.5	3.75	6.25	9.375	12.5
Speed (m/min)	Fast	21						
	Slow	11						
Motor (kw)		0.4	0.4	0.4	0.75	0.75	0.75	0.75
Minimum Radius of Turn		0.8	0.8	0.9	1	1.5	1.8	2
Net Weight (kg)		24	43	51	62	82	95	130
I-Beam (mm)		52-153	52-153	82-178	100-178	100-178	100-178	150-220
Dimension (mm)	W	315	315	325	340	400	400	500
	U	212	212	220	250	291	291	371
	R	142	142	142	142	142	142	142
	T	231	231	231	231	231	231	231



## Manual Trolley

Model: MT



### Technical Parameters

Model		MT				
Capacity(t)		0.5	1	2	3	5
Test Load(t)		0.63	1.25	2.5	4	6.3
Min.Radius of Turn(m)		0.6	1	1	1.2	1.6
Net Weight (kg)		6	7	13	22	32
I-beam Range(mm)		50-102	50-102	68-130	82-153	82-153
Dimension (mm)	F	200	190	200	218	275
	G	130	135	170	205	236
	P	91	90	115	138	157

## Wire Rope Hoist & Electric Winch Series



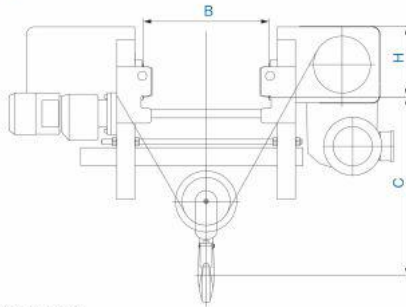
## European Model — Single Girder Wire Rope Hoist

2Ton-20Ton



### Advantages :

- ① Traveling motor: NORD from Germany
- ② Lifting motor : ABM from Germany or domestic made optional
- ③ Inverter: YASKAWA
- ④ Contactor :Schneider
- ⑤ Terminal : Phoenix
- ⑥ Height limit switch: GG from Italy
- ⑦ Wire rope: M.P from Italy
- ⑧ Standard configuration : dual speed for lifting , traveling with Inverter
- ⑨ Overload limiter included .
- ⑩ Working grade : M5



Body Structure



Traveling Motor



Lifting Motor



Worm Adjusting Limit Switch



Overload Limiter



IP65 Push Button



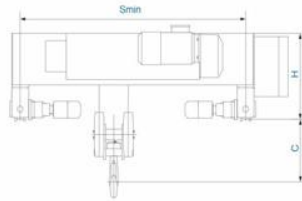
### Technical Parameters

Model	Single Girder Low Headroom Hoist																			
	2000				3200				5000				8000							
Capacity (kg)																				
Lifting Height (m)	6	9	12	15	18	6	9	12	15	18	6	9	12	15	18	6	9	12	15	18
Lifting Speed (m/min)	5/0.8				5/0.8				5/0.8				5/0.8							
Lifting Motor (kw)	3.2/0.45				3.2/0.45				6.1/1				9.5/1.5							
Traveling Speed (m/min)	5/20				5/20				5/20				5/20							
Traveling Motor (kw)	0.37				0.37				0.37				0.75							
Wire Rope	Breaking Force																			
	2160N/mm <sup>2</sup>																			
Insulation Grade	Safety factor																			
	4.5:1																			
Control Panel																				
IP65																				
Working Grade (FEM/ISO)	Breaking Force																			
	3M / M6				2M / M5				2M / M5				3M / M6							
Dimension (mm)	Safety factor																			
	2M / M5				2M / M5				2M / M5				2M / M5							
Dimension (mm)	H																			
	210				210				260				325							
	C																			
Dimension (mm)	B																			
	150-300				150-300				200-350				200-410							

### Technical Parameters

Model	Single Girder Low Headroom Hoist																			
	10000				12500				16000				20000							
Capacity (kg)																				
Lifting Height (m)	6	9	12	15	18	6	9	12	15	18	6	9	12	15	18	6	9	12	15	18
Lifting Speed (m/min)	5/0.8				4/0.6				4/0.6				4/0.6							
Lifting Motor (kw)	9.5/1.5				12.5/2				16/2.6				16/2.6							
Traveling Speed (m/min)	5/20				5/20				5/20				5/20							
Traveling Motor (kw)	0.75				0.75				0.75*2				0.75*2							
Wire Rope	Breaking Force																			
	2160N/mm <sup>2</sup>																			
Insulation Grade	Safety factor																			
	4.5:1																			
Control Panel																				
IP65																				
Working Grade (FEM/ISO)	Breaking Force																			
	2M / M5				1Am / M4				2M / M5				1Am / M4							
Dimension (mm)	Safety factor																			
	2M / M5				2M / M5				2M / M5				2M / M5							
Dimension (mm)	H																			
	325				325				400				400							
	C																			
Dimension (mm)	B																			
	200-410				200-410				300-450				350-400							

## European Model — Double Girder Wire Rope Hoist



3.2Ton-50Ton

Technical Parameters

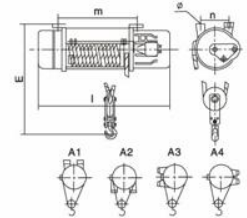
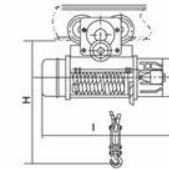
Model	Double Girder Hoist																								
Capacity (kg)	3200		5000		6300		8000		10000		12500														
Lifting Height (m)	6	9	12	15	18	6	9	12	15	18	6	9	12	15	18	6	9	12	15	18	6	9	12	15	18
Lifting Speed (m/min)	5/0.8		5/0.8		5/0.8		5/0.8		5/0.8		5/0.8														
Lifting Motor (kw)	3.2/0.45		6.1/1		6.1/1		9.5/1.5		9.5/1.5		12.5/2														
Traveling Speed (m/min)	5/20		5/20		5/20		5/20		5/20		5/20														
Traveling Motor (kw)	0.25*2		0.37*2		0.37*2		0.37*2		0.37*2		0.55*2														
Wire Rope	2160N/mm <sup>2</sup>																								
Safety factor	4.5:1																								
Insulation Grade	F																								
Control Panel	IP65																								
Working Grade (FEM/ISO)	2M / M5		2M / M5		2M / M5		2M / M5		2M / M5		1Am / M4														
Safety factor	2M / M5		2M / M5		2M / M5		2M / M5		2M / M5		2M / M5														
Dimension (mm)	500		520		520		550		550		550														
Safety factor	420		425		425		580		580		580														
Smin(m)	1.2	1.4	1.4	1.7	2	1.4	1.4	1.4	1.7	2	1.4	1.4	1.4	1.7	2	1.4	1.4	1.7	1.7	2	1.4	1.4	1.7	1.7	2

Technical Parameters

Model	Double Girder Hoist																									
Capacity (kg)	16000		20000		25000		32000		40000		50000															
Lifting Height (m)	6	9	12	15	18	6	9	12	15	18	6	9	12	15	18	6	9	12	15	18	6	9	12	15	18	
Lifting Speed (m/min)	4/0.6		4/0.6		3.3/0.8		3.3/0.8		0-4		0-3															
Lifting Motor (kw)	16/2.6		16/2.6		20/5		20/5		38		38															
Traveling Speed (m/min)	5/20		5/20		5/20		5/20		5/20		5/20															
Traveling Motor (kw)	0.55*2		0.55*2		1.1*2		1.5*2		1.5*2		1.5*2															
Wire Rope	2160N/mm <sup>2</sup>																									
Safety factor	4.5:1																									
Insulation Grade	F																									
Control Panel	IP65																									
Working Grade (FEM/ISO)	2M / M5		1Am / M4		3M / M6		2M / M5		1Am / M4		2M / M5															
Safety factor	2M / M5		2M / M5		2M / M5		2M / M5		2M / M5		2M / M5															
Dimension (mm)	720		720		950		950		950		950															
Safety factor	520		520		450		450		960		990															
Smin(m)	1.4	1.7	2	2.4	2.7	1.4	1.7	2	2.4	2.7	1.7	2	2.4	2.7	1.7	2	2.4	2.7	3.1	1.7	2	2.4	2.7	3.1	1.7	2

## CD1/ MD1 Wire Rope Hoist

0.5Ton-20Ton



Technical Parameters

Type	CD1/MD1																							
Capacity (t)	0.5		1		2		3		5															
Lifting Height (m)	6	9	12	18	24	30	6	9	12	18	24	30	6	9	12	18	24	30	6	9	12	18	24	30
Lifting Speed (m/min)	8. / 8/0.8		8. / 8/0.8		8. / 8/0.8		8. / 8/0.8		8. / 8/0.8															
Travelling Speed (m/min)	20		20		20		20		20															
Wire Rope	Nominal Diameter																							
Safety factor	5		7.4		11		13		14															
(GB/T706) Rail-Beam	16-28b		16-28b		20a-45c		20a-45c		28a-63c															
Min. Radius of Ring Rail (m)	1.5	1.5	2	3	4	2	2.5	3	4	2	2.5	3	4	2.5	3	4	5							
Power Supply	380V, 50Hz, 3P																							
Lifting Motor	Type																							
Power (kw)	21-4		22-4		31-4		41-4		41-4															
Speed (r/min)	0.8, 0.2/0.8		1.5, 0.2/1.5		3.0, 0.4/3.0		4.5, 0.5/4.5		7.5, 0.8/7.5															
Speed (r/min)	1380		1380		1380		1380		1380															
Traveling Motor	Type																							
Power (kw)	11-4		11-4		11-4		11-4		12-4F1															
Speed (r/min)	0.2		0.2		0.2		0.2		0.5															
Speed (r/min)	1380		1380		1380		1380		1380															
Classification Grade	M3		M3		M3		M3		M3															

Technical Parameters

Type	CD1/MD1																								
Capacity (t)	8		10		12.5		16		20																
Lifting Height (m)	6	9	12	18	24	30	6	9	12	18	24	30	6	9	12	18	24	30	6	9	12	18	24		
Lifting Speed (m/min)	5, 0.5/5		7, 0.7/7		5, 0.5/5		3.5, 0.35/3.5		3.5, 0.35/3.5																
Travelling Speed (m/min)	20		20		20		20		20																
Wire Rope	Nominal Diameter																								
Safety factor	13		14		16		18		18																
(GB/T706) Rail-Beam	28a-63c		28a-63c		28a-63c		28a-63c		28a-63c																
Min. Radius of Ring Rail (m)	2.5	3	4	5.5	7	8.5	2.5	3.5	4	6	7.5	9	2.5	3.5	4.5	3.5	4	6	7.5	9	3.5	4	6	7.5	9
Power Supply	380V, 50Hz, 3P																								
Lifting Motor	Type																								
Power (kw)	41-4		51-6		51-6		51-6F1		51-6																
Speed (r/min)	7.5, 0.8/7.5		13, 1.5/13		13, 1.5/13		11, 1.2/11		13, 1.5/13																
Speed (r/min)	1380		930		930		930		930																
Traveling Motor	Type																								
Power (kw)	12-4F1		12-4F1		21-4		21-4		21-4																
Speed (r/min)	0.5*2		0.5*2		0.8*2		0.8*2		0.8*2																
Speed (r/min)	1380		1380		1380		1380		1380																
Classification Grade	M3		M3		M3		M3		M3																

## Manual Hoists & Trolleys Series ◀



### Mini Electric Hoist Series

Model: PA-200 — PA-1000

#### Technical Parameters

Model	PA-200		PA-250		PA-300		PA-400		PA-500		PA-600		PA-700		PA-800		PA-1000	
Usage	Single hook	Double hook	Single hook	Double hook	Single hook	Double hook	Single hook	Double hook	Single hook	Double hook	Single hook	Double hook	Single hook	Double hook	Single hook	Double hook	Single hook	Double hook
Rated Volt(V)	AC 220/230/240 V , 50/60HZ																	
Input Power (W)	480		540		600		950		1020		1200		1250		1300		1600	
Rated Capacity(kg)	100	200	125	250	150	300	200	400	250	500	300	600	350	700	400	800	500	990
Lifting Speed(m/min)	10	5	10	5	10	5	10	5	10	5	8	4	8	4	8	4	8	4
Lifting Height (m)	12	6	12	6	12	6	12	6	12	6	12	6	12	6	12	6	12	6
Qty./CTN(pcs)	2						2						1					
Packing Size(mm)	490x425x155						525x480x165						540x505x170					
G.W/N.W(kg)	25/23						37/35						41/39					



### Electric Winch Series

Model: KDJ-2000H — KDJ-15000L

#### Technical Parameters

Model	KDJ-2000H	KDJ-2500H	KDJ-3000H	KDJ-3500H	KDJ-5000L	KDJ-6000L	KDJ-8000L	KDJ-9000L	KDJ-10000L	KDJ-12000L	KDJ-15000L					
Volt(V)	DC 12															
Input Power (kw)	1.8	2.2	1.8	2.2	3.2	3.6	3.4	3.4	3.7	3.7	4.2					
Max.Line Pull(lbs)	2000	2500	3000	3500	5000	6000	8000	9000	10000	12000	15000					
Steel Cable(Φmm*mm)	4.8x14		5.6x13		6x24		7.2x32		8x29		8.3x29					
Qty./CTN(pcs)	1	1	1	1	1	1	1	1	1	1	1					
Packing Size(mm)	395x270x210				530x330x300				640x330x300				620x420x310			
G.W/N.W(kg)	10/9		12/11		26/25		32/31		36/35		36x35		38/37		52/50	



### Electric Windlass Series

Model: KDJ-500E1 — KDJ-10000E1

#### Technical Parameters

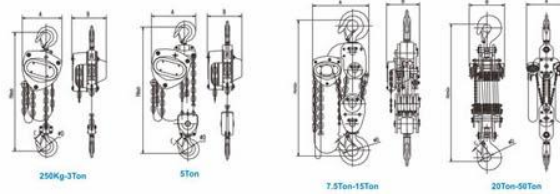
Model	KDJ-500E1	KDJ-750E1	KDJ-1000E1	KDJ-2200E1	KDJ-3200E1	KDJ-3500E1	KDJ-5000E1	KDJ-10000E1
Rated Capacity(kg)	500	750	1000	2200	3200	3500	5000	10000
Rated Speed(m/min)	13		13.5		10		11	
Lifting Height (m)	58		Φ11		Φ16		Φ18	
Cable Diameter(mm)	Φ9		Φ11		Φ16		Φ22	
Wire Rope Capacity(m)	60		100		143		200	
Work Level	M3							
Motor(kw)	1.5	2.2	3	6	7.5	9	15	22
Pole	4							
Voltage(v)	230/380/415/440/480V, 50/60HZ, 3P							
N.W(kg)	139	150	161	450	500	550	1500	3000





## Chain Block

Model:HSZ-K



Technical Parameters

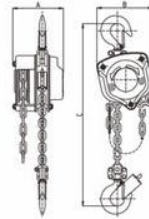
Model	HSZ-K									
Capacity (ton)	0.25	0.5	1	1.5	2	3	5	10		
Standard Lifting height(m)	3	3	3	3	3	3	3	3	3	3
Running Test Load (ton)	0.3125	0.625	1.25	1.875	2.5	3.75	6.25	12.5	25	
Load Chain Dia. (mm)	Columns	1	1	1	1	1	1	2	4	
	Dia	4	5	6	7	8	10	9	9	
Effort to Required to Lift Max.(n)	226	235	245	255	324	363	353	380		
Net Weight (kg)	6.5	9.3	12	16.4	19.4	31.1	40	85		
Dimension (mm)	A	121	148	172	196	210	255	280	463	
	B	114	132	151	173	175	205	189	189	
	C	24	25	30	33	35	40	42	56	
	H	280	345	376	442	470	548	688	765	
Packing Measurements	23*16*15	29*18*17	31.5*20*17	34*21*23	34*21*23	40*27.5*23	42*32*27	52*50*29		
Extra Weight per Meter of Extra Lift (kg)	0.81	1	1.29	1.61	1.92	2.68	4.1	7.73		



## Chain Block

Model:HSZ-V

★ Over Load Protection Optional



Technical Parameters

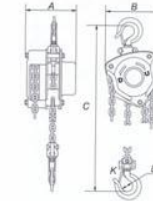
Model	HSZ-V									
Capacity (ton)	0.5	1	1.5	2	3	5	10	20		
Standard Lifting height(m)	3	3	3	3	3	3	3	3	3	3
Running Test Load (ton)	0.625	1.25	1.88	2.5	3.75	6.25	12.5	25		
Load Chain Dia. (mm)	Columns	1	1	1	1	2	2	4	8	
	Dia	5	6	7.1	8	7.1	9	10	10	
Effort to Required to Lift Max.(n)	231	309	320	320	360	414	420	420*2		
Net Weight (kg)	7	10.5	17	18	22	40	70	162		
Dimension (mm)	A	115	143	148	152	148	181	181	192	
	B	136	156	182	198	182	266	365	630	
	C	270	317	399	414	465	636	798	890	
	D	25	27	34	36	38	48	57	84	
Packing Measurements	22*15*23	22*18*23	28*21*27	28*21*27	32*21*29	40*21*35	54*49*28	64*38*64		



## Chain Block

Model:HSZ-A

★ Over Load Protection Optional



Technical Parameters

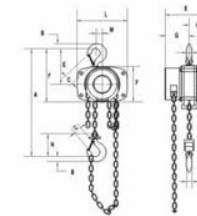
Model	HSZ-A									
Capacity (ton)	0.5	1	1.5	2	3	5	10	20		
Standard Lifting height(m)	3	3	3	3	3	3	3	3	3	3
Running Test Load (ton)	0.625	1.25	1.875	2.5	3.75	6.25	12.5	25		
Load Chain Dia. (mm)	Columns	1	1	1	1	2	2	4	8	
	Dia	6	6	8	8	8	10	10	10	
Effort to Required to Lift Max.(n)	231	309	320	360	340	414	414	414*2		
Net Weight (kg)	9	11	17	18	24	41	72	164		
Dimension (mm)	A	131	140	161	161	161	186	207	215	
	B	127	158	174	187	199	253	398	650	
	C	270	317	399	414	465	636	798	890	
Packing Measurements	22*15*23	22*18*23	28*21*27	28*21*27	32*21*29	40*21*35	50*41*21	64*38*64		
Extra Weight per Meter of Extra Lift (kg)	1.7	1.7	2.3	2.3	3.7	5.6	9.7	19.4		



## Chain Block

Model:HSZ-C

This 360°rotating hand chain guide allows hoist operations from various angles helps the operator stay out of the danger zone.



Technical Parameters

Model	HSZ-C									
Capacity (ton)	0.5	1	1.5	2	3	5	10	20		
Standard Lifting height(m)	2.5	3	6	2.5	3	6	2.5	3	6	2.5
Hand Chain Pull to Lift Rated Load (kg)	19.95		24.49		33.56		41.73			
Hand Chain Overhaul to Lift Load One Foot (kg)	9.14		14.93		21.64		26.51			
Net Weight (kg)	8.9	9.5	10.6	13	13.9	15.8	20	21.6	24.8	27.1
Dimension (mm)	A	300		355.6		395		520		
	B	17.5		22.2		30		38		
	C	25		28.6		35		39.7		
	D	12		14.3		20.6		25.4		
	E	160		176		203		224		
F	134		155.6		182.5		220			

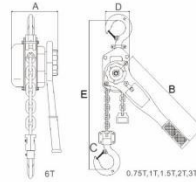


## Lever Block

Model:HSH-A

★Over Load Protection Optional

Superior grade 80 load chain.  
Forges and heat treated load hooks with batch traceability and stretch indicators.  
360°hand rotation with stroke to ratchet indicators.  
Double pawl brake system.  
Asbestos free brake linings.  
Forged safety latch.  
Sealed roller bearings.



Technical Parameters

Model	HSH-A							
Capacity (ton)	0.75	1	1.5	2	3	6	9	
Standard Lifting height (m)	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
Running Test Load (ton)	0.9375	1.25	1.875	2.5	3.75	7.5	11.25	
Pulling Efforts (kg)	14	16	22	26	32	34	36	
Chainfall	1	1	1	1	2	2	3	
Load Chain Diameter (mm)	Φ 6	Φ 6	Φ 8	Φ 8	Φ 10	Φ 10	Φ 10	
Net Weight (kg)	6.2	6.5	10.8	11.2	18.5	32.5	45	
Dimension (mm)	A	148	148	172	172	195	195	200
	B	280	280	410	410	410	410	410
	C	45	48	52	60	66	80	85
	D	96	96	110	110	145	145	145
	E	325	325	380	380	480	480	700

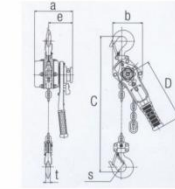


## Lever Block

Model:HSH-K

★Over Load Protection Optional

Technical Features  
Beautiful appearance.  
Wide hook opening and dimension  
Stronger lever handle  
Bottom hook with the rolling bearing.  
Overload protection can be provided.



Technical Parameters

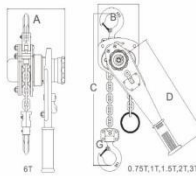
Model	HSH-K					
Capacity (ton)	0.75	1.5	3	6	9	
Standard Lifting height (m)	1.5	1.5	1.5	1.5	1.5	
Running Test Load (ton)	0.9375	1.875	3.75	7.5	11.25	
Hmin (mm)	320	380	480	600	740	
Efforts Required to Lift Rated Load(n)	180	380	450	480	500	
Chainfall	1	1	1	1	1	
Load Chain Diameter (mm)	Φ 6	Φ 8	Φ 10	Φ 10	Φ 10	
Net Weight (kg)	8	12.8	18	28.5	45	
Dimension (mm)	A	148	172	200	200	200
	C	136	160	180	235	335
	H	320	380	450	480	500
	K	28	38	42	50	57
	L	250	300	375	375	375



## Lever Block

Model:HSH-V

Superior grade 80 load chain.  
Forges and heat treated load hooks with batch traceability and stretch indicators.  
360°hand rotation with stroke to ratchet indicators.  
Double pawl brake system.  
Asbestos free brake linings.  
Forged safety latch.  
Sealed roller bearings.



Technical Parameters

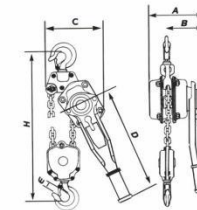
Model	HSH-V							
Capacity (ton)	0.75	1	1.5	2	3	6	9	
Standard Lifting height (m)	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
Running Test Load (ton)	0.9375	1.25	1.875	2.5	3.75	7.5	11.25	
Pulling Efforts (kg)	15	20	18	24	38	39	42	
Chainfall	1	1	1	1	1	2	3	
Load Chain Diameter (mm)	Φ 6.3	Φ 6.3	Φ 7.1	Φ 8	Φ 9	Φ 9	Φ 10	
Net Weight (kg)	6.9	7.1	9.4	10.1	16.3	27.2	45	
Dimension (mm)	A	148	152	161	168	191	191	195
	B	128	128	148	148	180	243	365
	C	295	310	335	350	405	550	85
	D	256	256	368	368	368	368	145
	E	45	48	52	60	66	80	90



## Lever Block

HSH-250mini

Technical Features  
Beautiful appearance.  
Wide hook opening and dimension  
Stronger lever handle  
Bottom hook with the rolling bearing.  
Overload protection can be provided.



Technical Parameters

Model	Capacity (ton)	Standard Lift(m)	Test Load(t)	Pulling Efforts(n)	Chain Fall No.	Load Chain Dia.(mm)	Net Weight (kg)	Dimension (mm)				
								A	C	D	E	H
HSH-250	0.25	1	0.375	122.5	1	Φ4	2.15	75	41	157	18	215



## Plain Trolley



Technical Parameters

Model	TP				
Capacity(t)	1	2	3	5	10
Net Weight (kg)	8.7	10.4	24	36	83
I-beam Recommended A (mm)	80-146	80-168	88-168	100-170	122-203
I-beam Recommended B(mm)	64-140	76-165	76-203	88-203	125-203

## Geared Trolley



Technical Parameters

Model	TG				
Capacity(t)	1	2	3	5	10
Net Weight (kg)	14	16	24	36	90
I-beam Recommended A (mm)	80-146	80-168	88-168	100-170	122-203
I-beam Recommended B(mm)	64-140	76-165	76-203	88-203	125-203

## High Strength Plain Trolley



Technical Parameters

Model	ATP			
Capacity(t)	1	2	3	5
Net weight(kg)	10	15.5	26	38
I-beam Recommended (mm)	64-220	88-220	102-220	114-220

## High Strength Geared Trolley



Technical Parameters

Model	ATG			
Capacity(t)	1	2	3	5
Net weight(kg)	13	20.5	30	43
I-beam Recommended (mm)	64-220	88-220	102-220	114-220

## Manual Lifting Equipments ◀





## Aluminium Wire Rope Puller

Model:WRP-A

### Technical Parameters

Model	WRP-A				
Lifting Capacity (kg)	800	1600	3200	5400	
Pulling Capacity (kg)	1300	2800	6000	10125	
Tested (kg)	1500	3000	6000	10125	
Steel Wire Rope Dia. (mm)	8.3	11	16	20	
Breaking Strength of Wire Rope (kg)	5430	9680	17200	27000	
Overall Structure Breaking Strength	4×WLL	4×WLL	4×WLL	4×WLL	
Net Weight (without wire rope) (kg)	6.4	12	23	28	
Dimension (mm)	A	426	545	660	930
	B	235	280	325	480
	C	64	97	116	152
	L1	800	692	692	680
	L2	/	1200	1200	1120



## Steel Wire Rope Puller

Model:WRP-S

### Technical Parameters

Model	WRP-S			
Lifting Capacity (kg)	800	1600	3200	
Pulling Capacity (kg)	1300	2800	6000	
Tested (kg)	1500	3000	6000	
Steel Wire Rope Dia. (mm)	8.3	11	16	
Breaking Strength of Wire Rope (kg)	5430	9680	17200	
Overall Structure Breaking Strength	4×WLL	4×WLL	4×WLL	
Net Weight (without wire rope) (kg)	8	14	28	
Dimension (mm)	A	426	545	660
	B	235	280	325
	C	64	97	116
	L1	800	692	692
	L2	/	1200	1200



## Brake Hand Winch

Model:BHW



Model:BHW Stainless Steel



### Technical Parameters

Model	BHW-800	BHW-1200	BHW-1800	BHW-2600	BHW-1200S	BHW-2600S
Lifting Capacity 1st rope layer (kg)	180	270	410	600	270	600
Pulling Capacity 1st rope layer (kg)	370	545	820	1200	545	1200
Required Efforts 1st rope layer (kg)	14.5	15	22	19	15	19
Drum Diameter (mm)	21	48	60	75	48	75
Gear Ratio	3.7:1	4.1:1	5:1	10:1	4.1:1	10:1
Rope Diameter (mm)	Φ 4	Φ 5	Φ 7	Φ 8	Φ 5	Φ 8
Total Rope Capacity (m)	36	23	24	18	23	18
Net Weight (kg)	3	3.7	8.1	10.3	3.3	10.3

## Manual Hand Winch

Model:PNW



### Technical Parameters

Model	PNW-100	PNW-300	PNW-500	PNW-1000	PNW-2000	PNW-3000
Capacity 1st rope layer (kg)	100	300	500	1000	2000	3000
Required Efforts 1st rope layer (kg)	11.5	11	12	12	13	18
Drum Capacity (m)	30	30	40	40	40	40
Drum Diameter (mm)	48	60.5	60.5	76.3	89.1	101.6
Wire Cable Diameter (mm)	Φ 5	Φ 6.3	Φ 6.3	Φ 8	Φ 9	Φ 12.5
Can Wind Per Turn (mm)	166.5	72.8	48.4	21.7	13.6	18
Working Handle Length (mm)	240	350	350	350	350	350
Reduction Gear Ratio	1:1	2.88:1	4.33:1	12.19:1	22.68:1	22.16:1
Net Weight (kg)	6.9	11.6	13	18.1	24	42.6

## Mechanical Jack



Model: MJ

Technical Parameters

Model	MJ					
Safe Working Load (ton)	1.5	3	5	10	16	20
Height of Load (mm)	725	725	725	800	950	950
Lifting Height (mm)	350	350	300	300	400	400
Height of Claw in Lowest Position (mm)	70	75	70	90	95	95
Net Weight (kg)	13	20	27	47	64	73

## Roller Skates



Model: RSA

Technical Parameters

Model	RSA			
Capacity (ton)	6	8	12	18
Wheel Number	4	6	8	12
Net Weight (kg)	13.1	15.8	19.05	38.1



Model: RSO

Technical Parameters

Model	RSO			
Capacity (ton)	6	8	12	18
Wheel Number	4	6	8	12
Net Weight (kg)	11.85	14.55	17.8	36.5

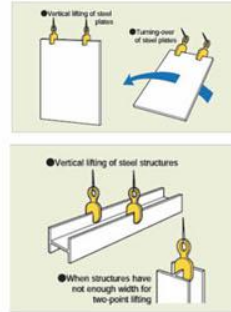
## Clamp , Magnetic Lifter & Others ◀



## Vertical Lifting Clamp



Model:CD      Model:CDH      Model:SCDH



Technical Parameters

Model	CD									
Capacity (kg)	800	1000	1600	2000	3200	5000	8000	12000	16000	
Jaw Opening (mm)	0-15	0-20	0-20	0-35	0-30	0-50	0-45	50-90	60-100	
Net Weight (kg)	2	5	7	8	15	21	37	50	65	

Technical Parameters

Model	CDH							
Capacity (kg)	800	1000	2000	3200	5000	8000	10000	
Jaw Opening (mm)	0-16	0-22	0-30	0-40	0-50	0-60	0-90	
Net Weight (kg)	2.8	3.6	5.5	10	17	26	32	

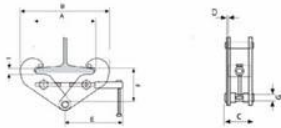
Technical Parameters

Model	SCDH			
Capacity (kg)	1000	2000	3000	5000
Jaw Opening (mm)	0-22	0-30	0-35	0-50
Net Weight (kg)	4.3	7.2	11	17.3

## Beam Clamp



Model:BC-A



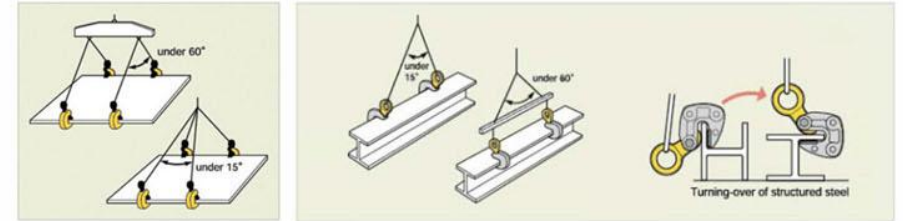
Technical Parameters

Model	BC-A					
Capacity (kg)	1	2	3	5	10	
Jaw Opening (mm)	1.5	2.5	4.5	7.5	15	
Net Weight (kg)	4.1	5	10.4	12	16	
Dimension (mm)	A	246	246	320	310	320
	B	186-350	186-350	232-455	242-445	268-480
	E	215	215	255	255	275
	F	115-150	115-150	180-225	18-225	175-220
I-beam Range(mm)	75-230	75-230	80-230	90-310	90-320	

## Horizontal Lifting Clamp



Model:DHQ      Model:HPC      Model:LC



Technical Parameters

Model	DHQ				
Capacity (kg)	2000	3000	5000	8000	10000
Jaw Opening (mm)	0-20	0-30	20-60	50-100	60-125
Net Weight (kg)	2.12	3.4	8.5	16.2	20.2

Technical Parameters

Model	HPC	
Capacity (kg)	1500	5000
Jaw Opening (mm)	0-50	0-60
Net Weight (kg)	4.3	12

Technical Parameters

Model	LC	
Capacity (kg)	1000	3000
Jaw Opening (mm)	1-13	12-35
Net Weight (kg)	2	8.9



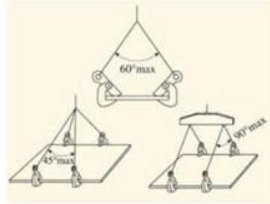
## Horizontal Lifting Clamp



Model: PPD



Model: YCH



Technical Parameters

Model	PPD									
Capacity (kg)	800	1000	1600	2000	3000	4000	5000	6000	8000	10000
Jaw Opening (mm)	0-25	0-30	0-30	0-40	0-45	0-50	0-55	0-100	0-125	
Net Weight (kg)	2.5	3.5	4	5	6	6.5	7.5	10.5	22	33

Technical Parameters

Model	YCH						
Capacity (kg)	1000	2000	4000	6000	8000	10000	10000
Jaw Opening (mm)	0-50	5-32	5-50	5-75	5-75	5-100	50-150
Net Weight (kg)	4	5.5	8.5	23	26.5	47.5	54

## Drum Clamp



Model: YQC



Technical Parameters

Model	Capacity (kg)	Jaw Opening (mm)	Weight (kg)
YQC	600	0-30	5

Technical Parameters

Model	Capacity (kg)	Jaw Opening (mm)	Weight (kg)
SL	1000	0-25	3.6

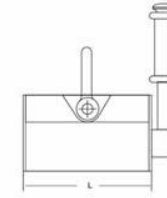
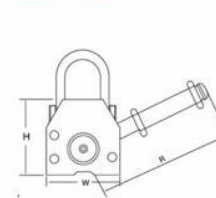


Model: SL



## Permanent Magnetic Lifter

Model: PML



3.0 times safety factor

Technical Parameters

Model	PML-1	PML-2	PML-3	PML-5	PML-6	PML-10	PML-15	PML-20	PML-30	PML-50	PML-60
Rated Lifting Strength (kgf)	100	200	300	500	600	1000	1500	2000	3000	5000	6000
Cylindrical Lifting Strength (kgf)	30	60	100	150	200	300	500	1000	1500	1500	200
Max Pull-Off Strength (kgf)	350	600	900	1500	1800	3000	4500	6000	9000	15000	18000
Operation Temperature (°C)	<80	80	80	80	80	80	80	80	80	80	80
Net Weight (kg)	3	5	10	12.5	20	37	62	80	160	320	398
Dimension (mm)	L	92	114	165	210	216	264	308	397	443	582
	W	64	72	88	88	118	148	168	168	226	290
	H	70	86	96	96	118	138	168	168	216	265
	R	145	145	176	203	219	266	285	380	512	627

## Crane Scale

Model: CSR



## Mini Crane Scale

Model: CSR



- 30mm (1.2") LED & LCD display
- HOLD function
- Gross/Net weight display convertible
- Weight accumulation function
- Auto shut function
- Remote control calibration
- Easy to replace battery
- AC/DC power adaptor: output DC9V/1.5A
- 6V/10Ah rechargeable scaled leadacid battery
- Remote distance: min.10m

Technical Parameters

Product Code	Max Cap (kg)	Min Division (kg)	A (mm)	B (mm)	C (mm)	N.W. (kg)
CSR-1	1000	0.5	420	65	35	12
CSR-2	2000	1	600	80	45	14
CSR-3	3000	1	600	80	45	14
CSR-5	5000	2	730	100	55	24
CSR-10	10000	5	850	120	70	44
CSR-15	15000	5	900	140	70	60
CSR-20	20000	10	900	140	70	60

Technical Parameters

Product Code	Max Cap (kg)	Min Division (kg)	A (mm)	B (mm)	C (mm)	N.W. (kg)
CSR-005	50	0.02	350	80	20	4
CSR-01	100	0.05	350	80	20	4
CSR-02	200	0.1	350	80	20	4
CSR-03	300	0.1	350	80	20	4
CSR-05	500	0.2	370	85	30	4.5
CSR-1	1000	0.5	370	85	30	4.5

## Forged Ratchet Load Binder



Model:FRB

### Technical Parameters

Model	FRB-08	FRB-10	FRB-13	
Size (mm)	7.8	10	13	
Inch Size	5/16-3/8	3/8-1/2	1/2-5/8	
WLL (kg)	3800	6000	9000	
MBL (kg)	8600	12000	18000	
Weight (kg)	4.9	5.4	7.5	
Dimension (mm)	A	355	355	355
	C	65	65	65
	E1	590	610	700
	E	754	775	870
	G	11	12	15

## Forged Lever Load Binder



Model:FLB

### Technical Parameters

Model	FLB-08	FLB-10	FLB-13	
Size (mm)	7.8	10	13	
Inch Size	5/16-3/8	3/8-1/2	1/2-5/8	
WLL (kg)	3800	6000	9000	
MBL (kg)	8600	12000	18000	
Weight (kg)	3.85	5.8	9.35	
Dimension (mm)	A	400	441	518
	B	614	702	858
	C	510	572	705
	E	287	325	395
	F	285	324	391
	G	11	12	15

## Hand Pulley Block



Model:HPB

### Technical Parameters

Model	HPB05	HPB10	HPB20	HPB32	HPB64	
Working Load Limit(t)	0.5	1	2	3.2	6.4	
Hook Latch H (mm)	20	23	27	31	42	
Rope Diameter(mm)	Ø5	Ø7	Ø13	Ø15	Ø18	
Weight (kg)	2	3.2	7.3	13.1	22.1	
Dimension (mm)	B	95	118	119	230	270
	B1	62	76	92	108	116
	B2	16	17	24	28	35
	H1	260	305	425	496	655
	H2	190	200	263	295	375
	H3	20	23	30	40	47
	D1	75	85	150	180	210
	D2	88	105	190	220	260
	R	3	4	7	9	10

## Slings, Ratchet Lashings, Safety Harness



## Flat Webbing Slings



Technical Parameters

Item No. 5	WLL(KG)	Width(mm)			Color	Working Load at different model					Standard : EN1492-1
		5:1	6:1	7:1		Straight	Basket lift	7°-45°	Choker hitch	45°-60°	
FWS	1000	25	25	30	Violet	1000	2000	1400	800	1000	
	2000	50	50	60	Green	2000	4000	2800	1600	2000	
	3000	75	75	90	Yellow	3000	6000	4200	2400	3000	
	4000	100	100	120	Grey	4000	8000	5600	3200	4000	
	5000	125	125	150	Red	5000	10000	7000	4000	5000	
	6000	150	150	180	Brown	6000	12000	8400	4800	6000	
	8000	200	200	240	Blue	8000	16000	11200	6400	8000	
	10000	250	250	300	Orange	10000	20000	14000	8000	10000	
	12000	300	300	300	Orange	12000	24000	16800	9600	12000	

## Round Slings



Technical Parameters

Item No. 5	WLL(KG)	Width(mm)	Color	Working Load at different model					Standard : EN1492-1
				7:1	Straight	Basket lift	7°-45°	Choker hitch	
RS	1000	45	Violet	1000	2000	1400	800	1000	
	2000	57	Green	2000	4000	2800	1600	2000	
	3000	58	Yellow	3000	6000	4200	2400	3000	
	4000	72	Grey	4000	8000	5600	3200	4000	
	5000	85	Red	5000	10000	7000	4000	5000	
	6000	99	Brown	6000	12000	8400	4800	6000	
	8000	112	Blue	8000	16000	11200	6400	8000	
	10000	116	Orange	10000	20000	14000	8000	10000	
	12000	116	Orange	12000	24000	16800	9600	12000	

## Ratchet Lashing



Technical Parameters

Lashing Capacity( kg )	Width (mm)	Breaking Strength(kg)	Length(m)
500	25	1000	4/6
1000	35	2000	4/6
1500	35	3000	4/6
2000	50	4000	6/8/10
2500	50	5000	6/8/10
4000	75	8000	6/8/10/12
5000	100	10000	6/8/10/12



Technical Parameters

Lashing Capacity(LBS)	Width (mm)	Breaking Strength(LBS)	Length(FT)
833	25	2500	27/30'
3333	50	10000	27/30'
5000	100	15000	27/30'
5400	100	16000	27/30'
6666	100	20000	27/30'

## Towing Belt



Technical Parameters

Lashing Capacity(LBS)	Width (mm)	Breaking Strength(LBS)	Length(FT)
3333	50	10000	27/30'

## Winch Strap



Technical Parameters

Lashing Capacity(LBS)	Width (mm)	Breaking Strength(LBS)	Length(FT)
3333	50	10000	27/30'
5000	75	15000	27/30'
6666	100	20000	27/30'

## Safety Harness



### SH5109 SAFETY HARNESS

WEBBING 45mm  
1 Anti-falling dorsal D-ring  
Protective pad for the back, waist and leg  
Adjustable shoulder, chest and thigh strap



### SH5124A-1 SAFETY HARNESS

WEBBING 45mm  
1 Anti-falling dorsal D-ring  
Adjustable thigh and chest strap  
The position of chest strap can be adjusted vertically



### SH5124A SAFETY HARNESS

WEBBING 45mm  
1 Anti-falling dorsal D-ring  
2 D-ring on the waist for positioning  
1 Black protective pad on the waist  
Adjustable thigh waist and chest strap  
The position of chest strap can be adjusted vertically



### SH5132 SAFETY HARNESS

WEBBING 45mm  
1 Anti-falling dorsal D-ring  
Protective pad for the back, waist and leg  
Adjustable shoulder, chest and thigh strap

## Energy Absorber Lanyards



6102 (Single lanyards)



6104 (Double lanyards)

Safety lanyard with energy absorber is made of  $\Phi 14$ mm polyester rope according to EN354 and EN 355  
Hooks can be chosen as per your requirements.  
The maximum length is 2M

## Energy Absorber Webbing Lanyards



6105 (Single lanyards)



6106 (Double lanyards)

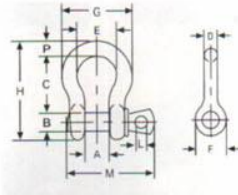
Safety lanyard with energy absorber is made of polyester, lanyard webbing width is 30mm or 45mm with sewn terminations. according to EN354 and EN 355  
Hooks can be chosen as per your requirements.  
The maximum length is 2M

## Shackles Series ◀





## Screw Pin Anchor Shackle



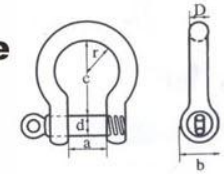
Technical Parameters

NOMINAL SIZE (IN)	WORKING G LOAD	WEIGHT EACH (KG)	DIMENSIONS (MM)												
			A	B	C	D	E	F	G	H	L	M	P		
3/16	1/3	0.03	9.65	6.35	22.40	4.85	15.20	14.20	24.90	37.30	4.06	28.40	4.85		
1/4	1/2	0.05	11.90	7.85	28.70	6.35	19.80	15.50	32.50	46.70	4.85	35.10	6.35		
5/16	3/4	0.09	13.50	9.65	31.00	7.85	21.30	19.10	37.30	53.00	5.60	42.20	7.85		
3/8	1	0.14	16.80	11.20	36.60	9.65	26.20	23.10	45.20	63.00	6.35	51.50	9.65		
7/16	1-1/2	0.17	19.10	12.70	42.90	11.20	29.50	26.90	51.50	74.00	7.85	60.50	11.20		
1/2	2	0.33	20.60	16.00	47.80	12.70	33.30	30.20	58.50	83.50	9.65	68.50	12.70		
5/8	3-1/4	0.62	26.90	19.10	60.50	16.00	42.90	38.10	74.50	106.00	11.20	85.00	17.50		
3/4	4-3/4	1.07	31.80	22.40	71.50	19.10	51.00	46.00	89.00	126.00	12.70	101.00	20.60		
7/8	6-1/2	1.64	36.60	25.40	84.00	22.40	58.00	53.00	102.00	148.00	12.70	114.00	24.60		
1	8-1/2	2.28	42.90	28.70	95.50	25.40	68.50	60.50	119.00	167.00	14.20	129.00	26.90		
1-1/8	9-1/2	3.36	46.00	31.80	108.00	29.50	74.00	68.50	131.00	190.00	16.00	142.00	31.80		
1-1/4	12	4.31	51.50	35.10	119.00	32.80	82.50	76.00	146.00	210.00	17.50	156.00	35.10		
1-3/8	13-1/2	6.14	57.00	38.10	133.00	36.10	92.00	84.00	162.00	233.00	19.10	174.00	38.10		
1-1/2	17	7.8	60.50	41.40	146.00	39.10	98.50	92.00	175.00	254.00	20.60	187.00	41.10		
1-3/4	25	12.6	73.00	51.00	178.00	46.70	127.00	106.00	225.00	313.00	25.40	231.00	57.00		
2	35	20.4	82.50	57.00	197.00	53.00	146.00	122.00	253.00	348.00	31.00	263.00	61.00		
2-1/2	55	38.9	105.00	70.00	267.00	69.00	184.00	145.00	327.00	453.00	35.10	330.00	79.50		



Model:G-209

## European Type Large Bow Shackle

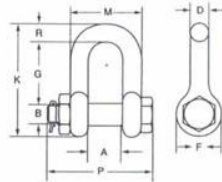


Technical Parameters

SWL	LARGE BOW SHACKLES						WEIGHR PER 100 PCE(KG)
	D	d	a	c	r	b	
kg	mm	mm	mm	mm	mm	mm	
80	5	5	10	19	8	11	1.9
100	6	6	13	25	10	14	3.4
200	8	8	16	32	12	18	7
320	10	10	19	38	15	20	13
520	12	12	25	51	19	26	26
800	16	16	32	64	28	33	50
1100	20	20	38	76	33	40	80
1500	22	22	44	89	37	50	130
2100	25	25	51	100	40	57	200
3000	28	28	57	115	47	68	310
3500	32	32	64	127	52	73	430
5000	38	38	76	152	63	85	700
7000	45	45	90	180	75	96	1250
8000	50	50	102	200	78	108	1750



## Screw Pin Anchor Shackle



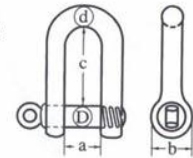
Technical Parameters

NOMINAL SIZE (IN)	WORKING G LOAD	WEIGHT EACH (KG)	DIMENSIONS (MM)									
			A	B	D	F	G	K	M	P	R	
1/4	1/2	0.06	11.90	7.85	6.35	15.50	19.10	40.40	24.60	39.60	6.35	
5/16	3/4	0.10	13.50	9.65	7.85	19.10	25.40	48.50	29.50	46.20	7.85	
3/8	1	0.15	16.80	11.20	9.65	23.10	31.00	58.50	35.80	55.00	9.65	
7/16	1-1/2	0.22	19.10	12.70	11.20	26.90	36.10	67.50	41.10	63.50	11.20	
1/2	2	0.34	20.60	16.00	12.70	30.20	41.40	77.00	46.00	71.00	12.70	
5/8	3-1/4	0.67	26.90	19.10	16.00	38.10	51.00	95.50	58.50	89.50	16.00	
3/4	4-3/4	1.14	31.80	22.40	19.10	46.00	60.50	115.00	70.00	103.00	20.60	
7/8	6-1/2	1.74	36.60	25.40	22.40	53.00	71.50	135.00	81.00	120.00	24.60	
1	8-1/2	2.52	42.90	28.70	25.40	60.50	81.00	151.00	93.50	135.00	25.40	
1-1/8	9-1/2	3.45	46.00	31.80	28.70	68.50	91.00	172.00	103.00	150.00	31.80	
1-1/4	12	4.90	51.50	35.10	31.80	76.00	100.00	191.00	115.00	165.00	35.10	
1-3/8	13-1/2	6.24	57.00	38.10	35.10	84.00	111.00	210.00	127.00	183.00	38.10	
1-1/2	17	8.39	60.50	41.40	38.10	92.00	122.00	230.00	137.00	196.00	41.10	
1-3/4	25	14.20	73.00	51.00	44.50	106.00	146.00	279.00	162.00	230.00	54.00	
2	35	21.20	82.50	57.00	51.00	122.00	172.00	312.00	184.00	264.00	51.00	
2-1/2	55	38.60	105.00	70.00	66.50	145.00	203.00	377.00	238.00	344.00	66.50	
3	85	56	127.00	82.50	76.00	165.00	216.00	429.00	279.00	419.00	89.00	



Model:G-2150

## European Type Large Dee Shackle

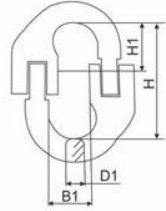


Technical Parameters

SWL	LARGE DEE SHACKLES					WEIGHR PER 100 PCE(KG)
	D	d	a	c	b	
kg	mm	mm	mm	mm	mm	
80	5	5	10	19	11	1.85
100	6	6	13	25	14	3.4
200	8	8	16	32	18	7
320	10	10	19	38	20	13
520	12	12	25	51	26	26
800	16	16	32	64	33	50
1100	20	20	38	76	40	80
1500	22	22	44	89	50	130
2100	25	25	51	100	57	200
3000	28	28	57	115	68	310
3500	32	32	64	127	73	430
5000	38	38	76	152	85	700
7000	45	45	90	180	96	1250
8000	50	50	102	200	108	1750



## European Type Connection Links

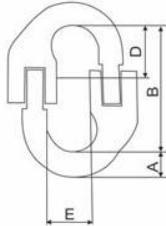


Technical Parameters

SIZE(MM)	W.L./T	DIMENSIONS(MM)				WEIGHT EACH (KG.)
		B1	D1	H1	H	
6-8	1	14.5	7	18.5	47.5	0.14
7/8-8	2	20.5	8.5	22	57	0.16
10-8	3.2	25.7	11	26.5	69	0.34
13-8	5.1	26.5	15.5	32	86	0.65
16-8	8	33	19	39.5	103	1
18/20-8	12.6	41.5	22	46	122	1.78
22-8	15	47	25	53	138	2.1
24/26-8	20.6	59	29	59	152	3.55
30/32-8	32.2	68	36	68	176	6.8



## American Type Connection Links



Technical Parameters

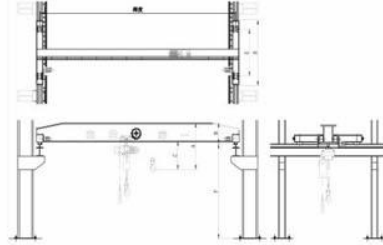
SIZE		W.L./ (LBS)	DIMENSIONS(MM)				WEIGHT EACH (KG.)
(MM)	(IN)		A	B	D	E	
7	1/4	3500	0.36	71.88	0.78	0.66	0.28
8	5/16	4500	0.39	2.13	0.88	0.69	0.33
10	3/8	7100	0.52	2.5	1.03	0.88	0.73
13	1/2	12000	0.64	3.44	1.44	1.13	1.67
16	5/8	18100	0.75	4.13	1.73	1.41	2.86
20	3/4	28300	0.97	4.94	2.06	1.63	5
22	7/8	34200	1.06	5.5	2.31	2	7.5
25	1	47700	1.22	6	2.5	2.25	11.03
32	1-1/4	72300	1.5	7.43	3.06	2.56	20.38



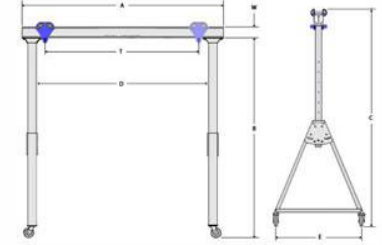
## Crane Systems & Spare Parts ◀



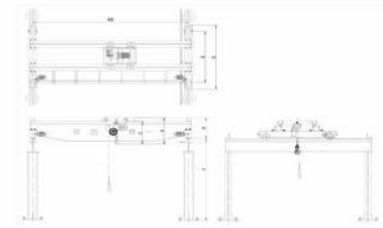
## Single Girder Overhead Crane



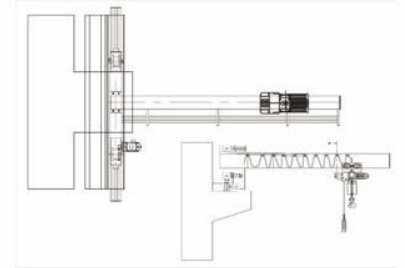
## Gantry Crane



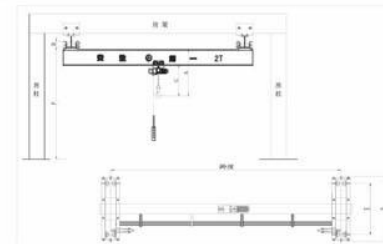
## Double Girder Overhead Crane



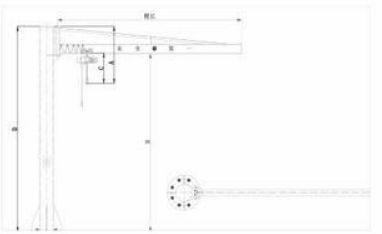
## Wall Crane



## Under Slung Overhead Crane

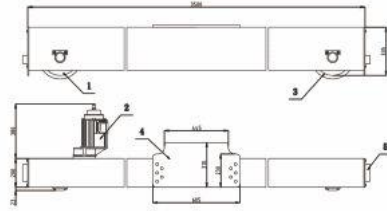
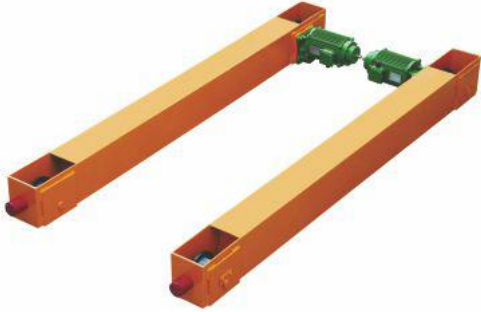


## Jib Crane



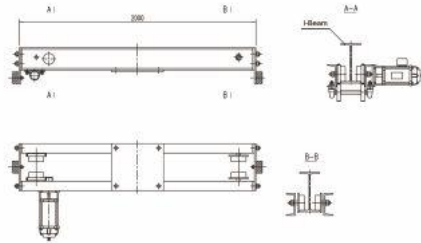
## Single-Track End Carriage

Model:EC



## Under Slung End Carriage

Model:USEC



## Wheel Block

Model:WB



## Festoon System -C40

### Components:

- 1.Towing Trolley
- 2.Middle Trolley
- 3.End Trolley
- 4.Hanger
- 5.Joint Clamp
- 6.End Stop
- 7.Flat Cable

### Feature:

- 1.Popular worldwide.
- 2.Suitable for crane under 20ton.
- 3.Outdoor is workable.



Towing Trolley



Middle Trolley



End Trolley



Hanger

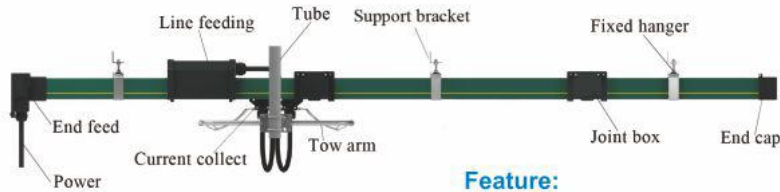


Joint Clamp



End Stop

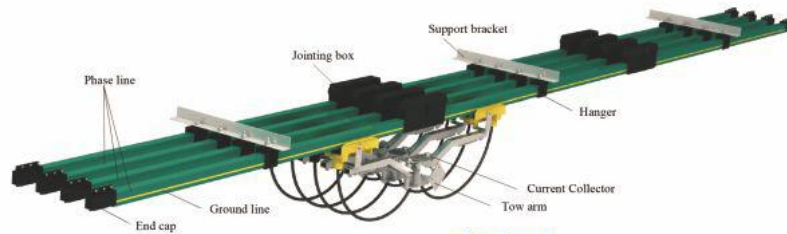
## Enclosed Conductor Rail



### Feature:

- 1.Capacity from 35-160A.
- 2.Euro design and popular in Euro , South America , Middle East Area.
- 3.Easy for maintenance .

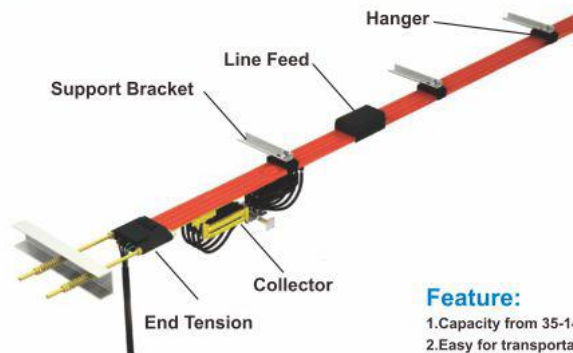
## Single Pole Conductor Rail



### Feature:

- 1.Capacity from 250-1250A.
- 2.Conductor material can be copper and aluminum .

## Safety Sliding Contact Line



### Feature:

- 1.Capacity from 35-140A.
- 2.Easy for transportation and installation .
- 3.Lower cost than enclosed conductor rail .

## Wireless Remote Control

- Control distance: Approx 100 meters
- Temperature range: -40 °C ~ 85 °C
- Enclosure protection class: IP 65
- Receiver power: 220V / 380V / VAC, or 12/24/36/48 VDC.
- Transmitter power: 3V DC (2 AA batteries last up to 4 months)
- Power consumption: 20~400m A
- Inside functions can be set by PC Interface



Model:F21-2

Model:F21-4

Model:F21-6

Model:F21-8

Model:F21-10



Receiver



F24-60