ACE CRANE

ACE KAWASAKI CRANE INDIA

BY: JD VARDHAN GROUP OF INDUSTRIES

ACE KAWASAKI CRANE INDIA LIMITED

BY

J D.VARDHAN GROUP OF INDUSTRIES

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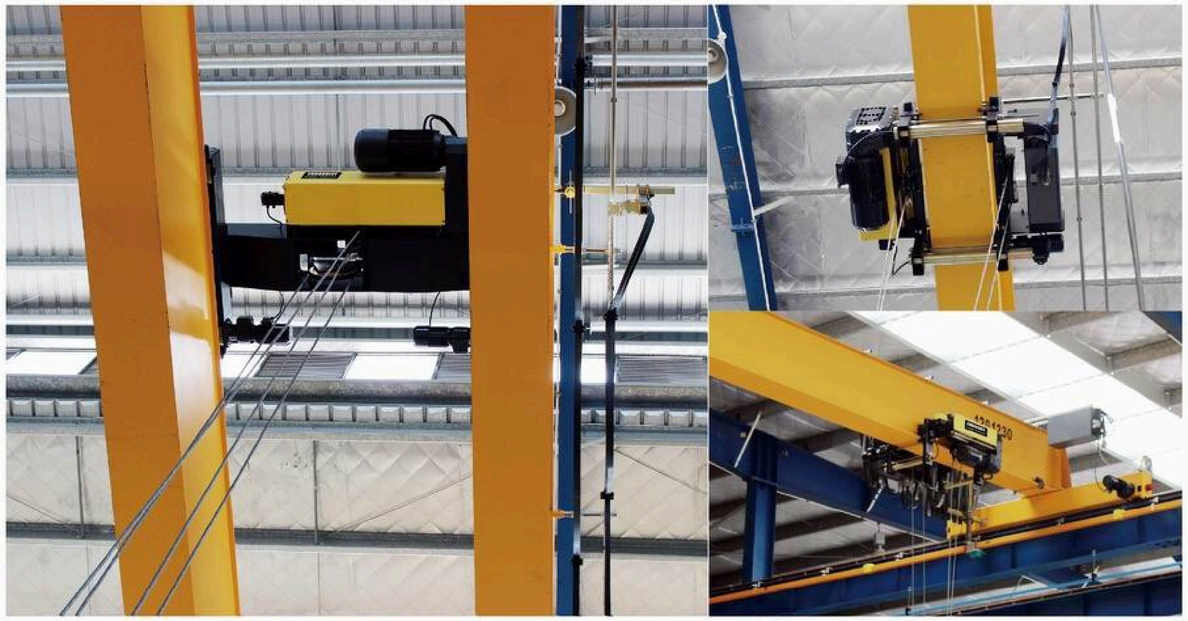

ACE KAWASAKI CRANE INDIA LIMITED is a professional manufacturer and exporter concerned with the design, development and production of hoist, end carriage, lifting motor, traveling motor, crane system and related products. We are located in Hangzhou, 2 hours drive from Shanghai & Ningbo Port. All our products comply with international quality standards, which is more and more popular in different markets all over the world.

ACE KAWASAKI CRANE INDIA LIMITED's electric wire rope hoist from 1T to 100T put the advanced design concept and application concept into practice to provide customers with lifting equipment with light self-weight, low headroom, safety and reliability, excellent performance and efficient running, which can meet customer requirements for a variety of operating conditions to provide customers with optimum solutions

As a result of our high quality products and outstanding customer service, we have gained a global sales network reaching the all over India

Compact structure, light self-weight and small wheel-pressure

Leading technology and component performance ensure the optimal extreme dimension of the products and the height of equipment and the compact structure under the premise of ensuring the high efficiency. Within the same plant and working area, ACE KAWASAKI CRANE series wire rope hoists can cover larger working range, which increases the utilization of the internal area of the plant and decreases the dead zone. If the plant is designed in accordance with the parameters of ACE KAWASAKI CRANE HOIST, the requirements on the plant height and plant bearing capacity can be greatly reduced, which could reduce above 10% of plant investment for the customers.

Save operating costs The cranes equipped with ACE KAWASAKI CRANE series electric hoists can reduce self-weight of the girder a nd the complete machine, and decrease the total power of traveling, as well as can save over 30% of power per year compared with the plants those use the traditional cranes. Meanwhile, the running noise of ACE KAWASAKI CRANE HOIST electric hoist is much lower than the standard, which cerates a more quiet work space.

High quality components with safety and reliability and durable in use **ACE KAWASAKI CRANE INDIA LIMITED** takes each component seriously from lifting motor to reducer, from drum to wire rope, from electrical components to structure components. The ED rating of lifting motor is 60%, and the imported brake disc is with the breaking lifetime of more than one million times. Precise positioning and efficient running can improve production efficiency Standard double speed lifting (VSD controlled lifting motor available for choose) and VSD controlled traveling make the load positioning more quick and accurate. and the VSD technology reduces the impact of starting and braking.

Running monitoring and efficient maintenance **ACE KAWASAKI CRANE INDIA LIMITED** patented technology product is with various function of monitoring and protection, which can ensure the safe and reliable operation of hoist. Its running monitoring unit can make detailed records of electric hoist running situation, motor running status and safety working cycle, and provide warning in advance. All records can provide date for maintenance, which ensure efficient maintenance

Modular design and multiple options meet various requirements

The concept of modular design has always been throughout the whole product design, which ensures the standard and interchangeability of parts, and greatly reduces the maintenance costs of products

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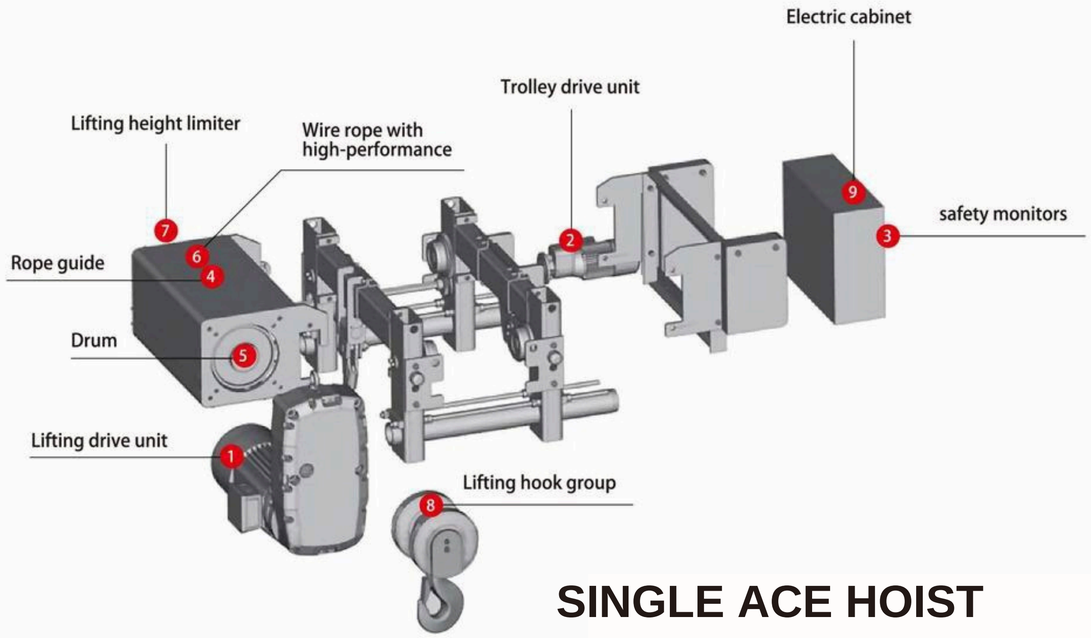


SINGLE ACE HOIST

Features

1t to 32t double speeds lifting motor,32t to 100t variable speeds driven lifting motor
Lifting electromagnetic disc brake and maintenance-free design
Lifting limit switch
Variable speeds driven traveling motor with the speed of 5- 20m/min
Protection grade of motor is IP55, and insulation grade is F
Lifting hook group with security latch
Lifting load limiter
ED rating of lifting motor is 60%
Running monitoring record
Modular design

Lifting drive unit

Reducer, lifting motor and brake design—Three in one
Big lifting torque, small volume, smooth traveling and small impact force
Low noise, small energy consumption and long use life
ED rating is 60%,meeting the requirement of frequent lifting
The service life of Asbestos-free brake can be up to one million times
The high protection grade of brake can meet the requirements in severe environment
The brake torque is two times of motor rated torque.
The manual release, encoder and special match is also available for choose.

Brake

Automatic adjustment on brake clearance, anti-dust design, asbestos-free brake lining, quick action, high reliability.

Trolley drive unit

Three in one structure of motor, reduction gearbox and brake.
Compact structure, smooth traveling.
Aluminum alloy shell, fast heat dissipation and long use life
Variable frequency control, smooth running, low impact and noise
Asbestos-free brake disc and its normal service lift can be up to one million times.

LiftAid safety monitors

Intelligent monitoring system, safe and practical, friendly human-machine interface and easy operation.
The monitor can record the running time of hoist, the times of overload, etc to be convenient for the maintenance.
The remind function of regular maintenance and the wearing alarm function of friction lining
The interface is intelligent, and the function extending is available

Rope guide

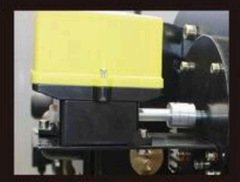
It is made of engineering plastics(or nodular cast iron),light weight, good wear resistance, and reduce the wear of wire rope effectively.
Prevent wire rope from skipping and loosing to off-grove and safety first.

Wire rope

High performance wire rope,and the tensile strength is up to 2160 MPa.
The surface with galvanized processing is for effective anti-corrosion.
The good flexibility ensure the wear resistance and prolong the service life.

Drum

The drum’s raw material is Q345 seamless steel tube.
Advanced processing methods ensure the concentricity of drum.
The depth of rope groove is in compliance with the FEM standard.
High-strength pressing plates and bolts are fastened on the end of the wire rope to ensure the safety of lifting.



Lifting height limiter

Freely adjustable screw lifting height limiter with high precision, wide adjustment range, safe and reliable.
Multiple contract configurations can effectively achieve the function of transition between low and high speeds and the stop during the lifting.

Lifting hook group

The lifting hook(DIN standard) is with safety latch and wire rope sheath ergonomic design.
Forged by the high-strength material of T grade.

Electric cabinet

Reasonable design, convenient maintenance, decreasing running cost.
High quality of electrical components, safe and reliable.
Multiple safety protection devices to ensure equipment safe.
Protection grade IP55
Clear identification to easy for trouble removal.
The stainless steel box, cooling fan and heater, temperature monitoring, etc is available for choose.

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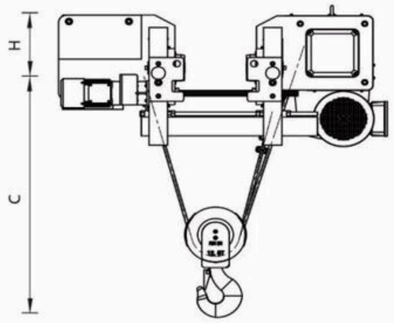
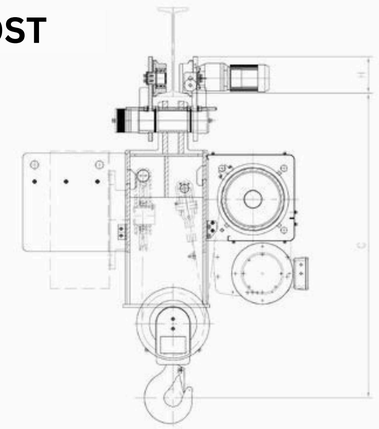
LOW HEADROOM HOIST



Specifications of single girder low headroom wire rope hoist

Capacity	FEM	ISO	Height	Lifting speed	Trolley speed	H size	C size
			(m)	(m/min)	(m/min)	(mm)	(mm)
1000	4m	M7	6/9/12/18	5.0/0.8	5-20	231	500
1250	3m	M6	6/9/12/18	5.0/0.8	5-20	231	500
1600	3m	M6	6/9/12/18	5.0/0.8	5-20	231	500
2000	2m	M5	6/9/12/18	5.0/0.8	5-20	231	500
2500	3m	M6	6/9/12/18	5.0/0.8	5-20	231	500
3200	2m	M5	6/9/12/18	5.0/0.8	5-20	231	500
5000	2m	M5	6/9/12/18	5.0/0.8	5-20	254	590
5000	2m	M5	6/9/12/18	1.6/10	5-20	322	740
6300	1Am	M4	6/9/12/18	5.0/0.8	5-20	254	590
8000	3m	M6	6/9/12/18	5.0/0.8	5-20	322	740
10000	2m	M5	6/9/12/18	5.0/0.8	5-20	322	740
10000	3m	M6	6/9/12/18	5.0/1.2	5-20	404	850
12500	1Am	M4	6/9/12/18	5.0/0.8	5-20	322	740
16000	2m	M5	6/9/12/18	5.0/1.2	5-20	404	850
20000	1Am	M4	6/9/12/18	5.0/1.2	5-20	404	850

STANDARD HEADROOM **ACE HOST**



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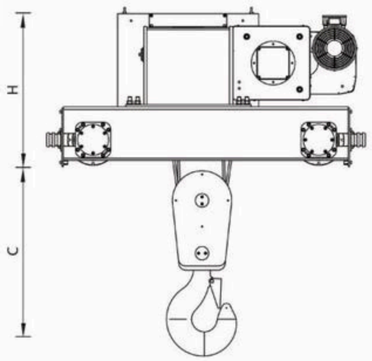
DOUBLE GIRDER **ACE HOST**



Specificatins of Double girder wire rope hoist

Capacity	FEM	ISO	Height	Lifting speed	Trolley speed	H size	C size
			(m)	(m/min)	(m/min)	(mm)	(mm)
3200	2m	M5	6/9/12/18	5.0/0.8	5-20	492	390
5000	2m	M5	6/9/12/18	5.0/0.8	5-20	471	450
16000	2m	M5	6/9/12/18	5.0/1.2	5-20	679	700
20000	1Am	M4	6/9/12/18	5.0/1.2	5-20	679	700
20000	2m	M5	6/9/12/18	5.0/1.2	5-20	679	700
25000	2m	M5	6/9/12/18	0.8/3.3	5-20	844	1000
32000	2m	M5	6/9/12/18	0.8/3.3	5-20	864	1000
32000	2m	M5	6/9/12/18	0-4.9	5-20	1025	920
40000	1Am	M4	6/9/12/18	0-4.9	5-20	1025	920
50000	2m	M5	6/9/12/18	0-3.2	5-20	1023	950
63000	1Am	M4	6/9/12/18	0-3.2	5-20	975	1100
63000	2m	M5	6/9/12/18	0-2.4	5-20	975	1100
80000	1Bm	M3	6/9/12/18	0-3.8	5-20	1025	1525
100000	1Bm	M3	6/9/12/18	0-2.1	5-20	1025	1525

Specifications of single girder standard headroom wire rope hoist

Capacity	FEM	ISO	Height	Lifting speed	Trolley speed	H size	C size
			(m)	(m/min)	(m/min)	(mm)	(mm)
3200	2m	M5	6/9/12/18	5.0/0.8	5-20	115	800
5000	2m	M5	6/9/12/18	5.0/0.8	5-20	149	870
10000	2m	M5	6/9/12/18	5.0/0.8	5-20	149	1124

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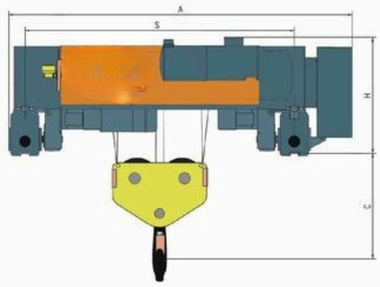

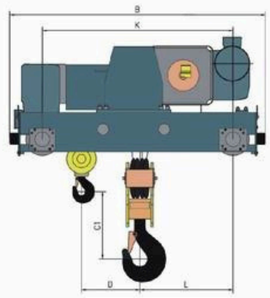

Specifications of Double hook wire rope hoist

Capacity (KG)	Lifting Height (M)	Lifting speed(m/min)		Lifting power(KW)		Traveling speed (m/min)	Traveling power (KW)	Working duty (FEM/ISO)	H size (mm)	C size (mm)	Hook distance D size(mm)	C1 size (mm)	L size (mm)	Trolley wheel slot width (mm)	Recommended rail (mm)	Rail distance S(mm)	Wheel distanceK(mm)	Trolley length A(mm)	Trolley total width B(mm)
		Main hook	Aux.hook	Main lift	Aux.lift														
16000/3200	6	4/0.6	5/0.8	16/2.6	3.2/0.45	5/20	0.95*2	2m/M5	830	660	504	365	719	70	50*30	1400	1500	1840	1900
	9	4/0.6	5/0.8	16/2.6	3.2/0.45	5/20	0.95*2	2m/M5	830	660	504	365	719	70	50*30	1700	1500	2410	1900
	12	4/0.6	5/0.8	16/2.6	3.2/0.45	5/20	0.95*2	2m/M5	830	660	504	365	719	70	50*30	2000	1500	2440	1900
	15	4/0.6	5/0.8	16/2.6	3.2/0.45	5/20	0.95*2	2m/M5	830	660	504	365	719	70	50*30	2400	1500	2840	1900
	18	4/0.6	5/0.8	16/2.6	3.2/0.45	5/20	0.95*2	2m/M5	830	660	504	365	719	70	50*30	2700	1500	3140	1900
20000/3200	6	4/0.6	5/0.8	16/2.6	3.2/0.45	5/20	0.95*2	1Am/M4	830	660	504	365	719	70	50*30	1400	1500	1840	1900
	9	4/0.6	5/0.8	16/2.6	3.2/0.45	5/20	0.95*2	1Am/M4	830	660	504	365	719	70	50*30	1700	1500	2410	1900
	12	4/0.6	5/0.8	16/2.6	3.2/0.45	5/20	0.95*2	1Am/M4	830	660	504	365	719	70	50*30	2000	1500	2440	1900
	15	4/0.6	5/0.8	16/2.6	3.2/0.45	5/20	0.95*2	1Am/M4	830	660	504	365	719	70	50*30	2400	1500	2840	1900
	18	4/0.6	5/0.8	16/2.6	3.2/0.45	5/20	0.95*2	1Am/M4	830	660	504	365	719	70	50*30	2700	1500	3140	1900
20000/5000	6	4/0.6	5/0.8	16/2.6	6.1/1	5/20	0.95*2	1Am/M4	830	660	504	365	719	70	50*30	1400	1500	1840	1900
	9	4/0.6	5/0.8	16/2.6	6.1/1	5/20	0.95*2	1Am/M4	830	660	504	365	719	70	50*30	1700	1500	2410	1900
	12	4/0.6	5/0.8	16/2.6	6.1/1	5/20	0.95*2	1Am/M4	830	660	504	365	719	70	50*30	2000	1500	2440	1900
	15	4/0.6	5/0.8	16/2.6	6.1/1	5/20	0.95*2	1Am/M4	830	660	504	365	719	70	50*30	2400	1500	2840	1900
	18	4/0.6	5/0.8	16/2.6	6.1/1	5/20	0.95*2	1Am/M4	830	660	504	365	719	70	50*30	2700	1500	3140	1900
25000/5000	6	3.3/0.8	3.4/0.53	16/2.6	6.1/1	5/20	1.3*2	1Am/M4	980	800	492	598	795	80	60*40	1700	1600	2168	2080
	9	3.3/0.8	3.4/0.53	16/2.6	6.1/1	5/20	1.3*2	1Am/M4	980	800	492	598	795	80	60*40	2000	1600	2468	2080
	12	3.3/0.8	3.4/0.53	16/2.6	6.1/1	5/20	1.3*2	1Am/M4	980	800	492	598	795	80	60*40	2400	1600	2868	2080
	15	3.3/0.8	3.4/0.53	16/2.6	6.1/1	5/20	1.3*2	1Am/M4	980	800	492	598	795	80	60*40	2700	1600	3168	2080
	18	3.3/0.8	3.4/0.53	16/2.6	6.1/1	5/20	1.3*2	1Am/M4	980	800	492	598	795	80	60*40	3100	1600	3568	2080
25000/5000	6	3.3/0.8	5/0.8	20/5	6.1/1	5/20	1.3*2	3m/M6	980	800	492	598	795	80	60*40	1700	1600	2168	2080
	9	3.3/0.8	5/0.8	20/5	6.1/1	5/20	1.3*2	3m/M6	980	800	492	598	795	80	60*40	2000	1600	2468	2080
	12	3.3/0.8	5/0.8	20/5	6.1/1	5/20	1.3*2	3m/M6	980	800	492	598	795	80	60*40	2400	1600	2868	2080
	15	3.3/0.8	5/0.8	20/5	6.1/1	5/20	1.3*2	3m/M6	980	800	492	598	795	80	60*40	2700	1600	3168	2080
	18	3.3/0.8	5/0.8	20/5	6.1/1	5/20	1.3*2	3m/M6	980	800	492	598	795	80	60*40	3100	1600	3568	2080
32000/5000	6	3.3/0.8	5/0.8	20/5	6.1/1	5/20	1.3*2	2m/M5	980	800	492	598	795	80	60*40	1700	1600	2168	2080
	9	3.3/0.8	5/0.8	20/5	6.1/1	5/20	1.3*2	2m/M5	980	800	492	598	795	80	60*40	2000	1600	2468	2080
	12	3.3/0.8	5/0.8	20/5	6.1/1	5/20	1.3*2	2m/M5	980	800	492	598	795	80	60*40	2400	1600	2868	2080
	15	3.3/0.8	5/0.8	20/5	6.1/1	5/20	1.3*2	2m/M5	980	800	492	598	795	80	60*40	2700	1600	3168	2080
	18	3.3/0.8	5/0.8	20/5	6.1/1	5/20	1.3*2	2m/M5	980	800	492	598	795	80	60*40	3100	1600	3568	2080

Capacity (KG)	Lifting Height (M)	Lifting speed(m/min)		Lifting power(KW)		Traveling speed (m/min)	Traveling power (KW)	Working duty (FEM/ISO)	H size (mm)	C size (mm)	Hook distance D size(mm)	C1 size (mm)	L size (mm)	Trolley wheel slot width (mm)	Recommended rail (mm)	Rail distance S(mm)	Wheel distanceK(mm)	Trolley length A(mm)	Trolley total width B(mm)
		Main hook	Aux.hook	Main lift	Aux.lift														
32000/10000	6	3.3/0.8	5/0.8	20/5	9.5/1.5	5/20	1.3*2	2m/M5	980	800	512	407	795	80	60*40	1700	1700	2168	2180
	9	3.3/0.8	5/0.8	20/5	9.5/1.5	5/20	1.3*2	2m/M5	980	800	512	407	795	80	60*40	2000	1700	2468	2180
	12	3.3/0.8	5/0.8	20/5	9.5/1.5	5/20	1.3*2	2m/M5	980	800	512	407	795	80	60*40	2400	1700	2868	2180
	15	3.3/0.8	5/0.8	20/5	9.5/1.5	5/20	1.3*2	2m/M5	980	800	512	407	795	80	60*40	2700	1700	3168	2180
	18	3.3/0.8	5/0.8	20/5	9.5/1.5	5/20	1.3*2	2m/M5	980	800	512	407	795	80	60*40	3100	1700	3568	2180
32000/5000	6	0-6.2	5/0.8	38	6.1/1	5/20	1.3*2	2m/M5	980	800	492	598	795	80	60*40	1700	1600	2168	2080
	9	0-6.2	5/0.8	38	6.1/1	5/20	1.3*2	2m/M5	980	800	492	598	795	80	60*40	2000	1600	2468	2080
	12	0-6.2	5/0.8	38	6.1/1	5/20	1.3*2	2m/M5	980	800	492	598	795	80	60*40	2400	1600	2868	2080
	15	0-6.2	5/0.8	38	6.1/1	5/20	1.3*2	2m/M5	980	800	492	598	795	80	60*40	2700	1600	3168	2080
	18	0-6.2	5/0.8	38	6.1/1	5/20	1.3*2	2m/M5	980	800	492	598	795	80	60*40	3100	1600	3568	2080
32000/10000	6	0-6.2	5/0.8	38	9.5/1.5	5/20	1.3*2	2m/M5	980	800	512	407	795	80	60*40	1700	1700	2168	2180
	9	0-6.2	5/0.8	38	9.5/1.5	5/20	1.3*2	2m/M5	980	800	512	407	795	80	60*40	2000	1700	2468	2180
	12	0-6.2	5/0.8	38	9.5/1.5	5/20	1.3*2	2m/M5	980	800	512	407	795	80	60*40	2400	1700	2868	2180
	15	0-6.2	5/0.8	38	9.5/1.5	5/20	1.3*2	2m/M5	980	800	512	407	795	80	60*40	2700	1700	3168	2180
	18	0-6.2	5/0.8	38	9.5/1.5	5/20	1.3*2	2m/M5	980	800	512	407	795	80	60*40	3100	1700	3568	2180
40000/10000	6	0-4.9	5/0.8	38	9.5/1.5	5/20	1.9*2	1Am/M4	1035	940	520	603	830	80	60*40	2000	1700	2670	2280
	9	0-4.9	5/0.8	38	9.5/1.5	5/20	1.9*2	1Am/M4	1035	940	520	603	830	80	60*40	2000	1700	2670	2280
	12	0-4.9	5/0.8	38	9.5/1.5	5/20	1.9*2	1Am/M4	1035	940	520	603	830	80	60*40	2400	1700	3070	2280
	15	0-4.9	5/0.8	38	9.5/1.5	5/20	1.9*2	1Am/M4	1035	940	520	603	830	80	60*40	2700	1700	3370	2280
	18	0-4.9	5/0.8	38	9.5/1.5	5/20	1.9*2	1Am/M4	1035	940	520	603	830	80	60*40	3000	1700	3670	2280
40000/20000	6	0-4.9	4/0.6	38	16/2.6	5/20	1.9*2	1Am/M4	1035	940	645	506	850	80	60*40	2000	1800	2670	2470
	9	0-4.9	4/0.6	38	16/2.6	5/20	1.9*2	1Am/M4	1035	940	645	506	850	80	60*40	2000	1800	2670	2470
	12	0-4.9	4/0.6	38	16/2.6	5/20	1.9*2	1Am/M4	1035	940	645	506	850	80	60*40	2400	1800	3070	2470
	15	0-4.9	4/0.6	38	16/2.6	5/20	1.9*2	1Am/M4	1035	940	645	506	850	80	60*40	2700	1800	3370	2470
	18	0-4.9	4/0.6	38	16/2.6	5/20	1.9*2	1Am/M4	1035	940	645	506	850	80	60*40	3000	1800	3670	2470
50000/10000	6	0-3.2	5/0.8	38	9.5/1.5	5/20	1.9*2	2m/M5	1035	960	545	623	830	90	70*50	2000	1700	2670	2280
	9	0-3.2	5/0.8	38	9.5/1.5	5/20	1.9*2	2m/M5	1035	960	545	623	830	90	70*50	2400	1700	3070	2280
	12	0-3.2	5/0.8	38	9.5/1.5	5/20	1.9*2	2m/M5	1035	960	545	623	830	90	70*50	3000	1700	3670	2280
	15	0-3.2	5/0.8	38	9.5/1.5	5/20	1.9*2	2m/M5	1035	960	545	623	830	90	70*50	3400	1700	4070	2280
	18	0-3.2	5/0.8	38	9.5/1.5	5/20	1.9*2	2m/M5	1035	960	545	623	830	90	70*50	3800	1700	4470	2280
50000/20000	6	0-3.2	4/0.6	38	16/2.6	5/20	1.9*2	2m/M5	1035	960	666	526	867	90	70*50	2000	1800	2670	2380
	9	0-3.2	4/0.6	38	16/2.6	5/20	1.9*2	2m/M5	1035	960	666	526	867	90	70*50	2400	1800	3070	2380
	12	0-3.2	4/0.6	38	16/2.6	5/20	1.9*2	2m/M5	1035	960	666	526	867	90	70*50	3000	1800	3670	2380
	15	0-3.2	4/0.6	38	16/2.6	5/20	1.9*2	2m/M5	1035	960	666	526	867	90	70*50	3400	1800	4070	2380
	18	0-3.2	4/0.6	38	16/2.6	5/20	1.9*2	2m/M5	1035	960	666	526	867	90	70*50	3800	1800	4470	2380
63000/10000	6	0-3.2	5/0.8	38	9.5/1.5	5/20	2.6*2	1Am/M4	1100	1008	790	353	1175	90	70*50	2000	2400	2650	3000
	9	0-3.2	5/0.8	38	9.5/1.5	5/20	2.6*2	1Am/M4	1100	1008	790	353	1175	90	70*50	2400	2400	3050	3000
	12	0-3.2	5/0.8	38	9.5/1.5	5/20	2.6*2	1Am/M4	1100	1008	790	353	1175	90	70*50	3000	2400	3650	3000
	15	0-3.2	5/0.8	38	9.5/1.5	5/20	2.6*2	1Am/M4	1100	1008	790	353	1175	90	70*50	3400	2400	4050	3000
	18	0-3.2	5/0.8	38	9.5/1.5	5/20	2.6*2	1Am/M4	1100	1008	790	353	1175	90	70*50	3800	2400	4450	3000
63000/20000	6	0-3.2	4/0.6	38	16/2.6	5/20	2.6*2	1Am/M4	1100	1008	790	353	1175	90	70*50	2000	2400	2650	3000
	9	0-3.2	4/0.6	38	16/2.6	5/20	2.6*2	1Am/M4	1100	1008	790	353	1175	90	70*50	2400	2400	3050	3000
	12	0-3.2	4/0.6	38	16/2.6	5/20	2.6*2	1Am/M4	1100	1008	790	353	1175	90	70*50	3000	2400	3650	3000
	15	0-3.2	4/0.6	38	16/2.6	5/20	2.6*2	1Am/M4	1100	1008	790	353	1175	90	70*50	3400	2400	4050	3000
	18	0-3.2	4/0.6	38	16/2.6	5/20	2.6*2	1Am/M4	1100	1008	790	353	1175	90	70*50	3800	2400	4450	3000

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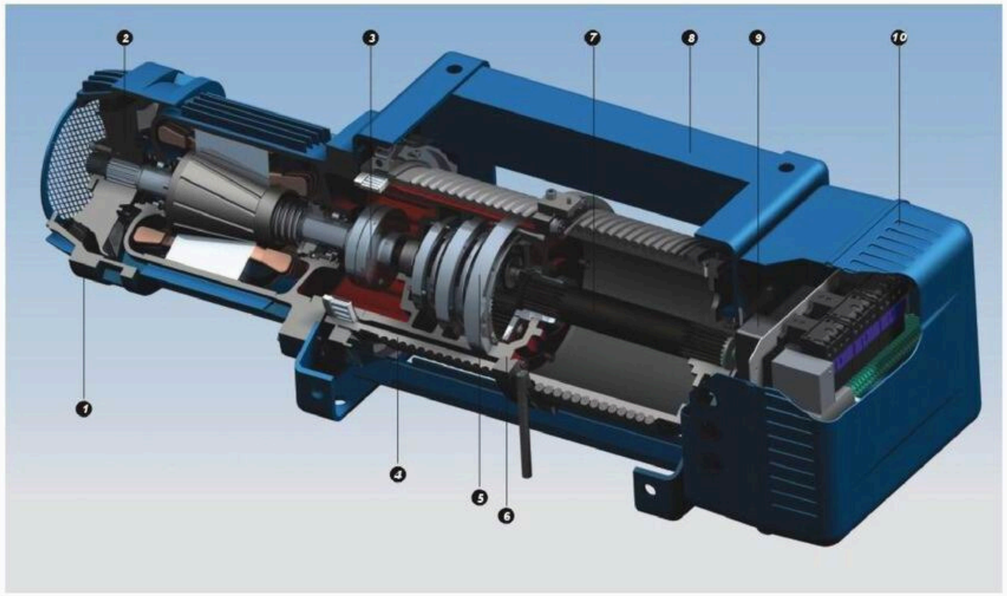
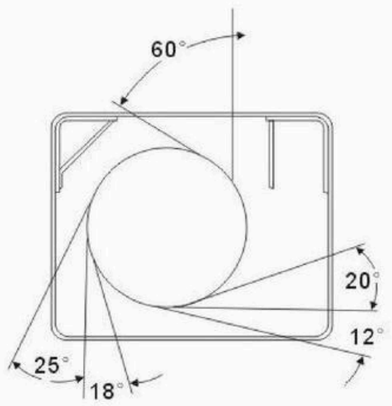
DH Electric Wire Rope Hoist



01 lifting motor	03 coupling	05 Planetary reducer	07 output shaft	09 cam limit switch
02 motor brake	04 drum	06 rope guider	08 frame	10 electric control box

ROPE LEAD-OFFS



SECOND BRAKE(PATENTA)

DH series electric wire rope hoist

DH series electric wire rope hoist is developed by combining and applying technologies from Germany. It has a rectangular shape with the motor, planetary reducer, electric apparatus in beeline collocation, and reducer is laid inside the hoisting drum, which could well compete with the similar products all over the world. Especially its modular design can arrive at the seamless connection with frequency inverter, automatic weighing system and automatic detection system, which could meet the automatic operation and high lifting.

Features:

a.Modular structure design

b.Special driving mode: steady transmission with short drive shaft

c.Reducer is inside the drum below 32T,and of planetary reducer, with high efficiency, low noise and long working life

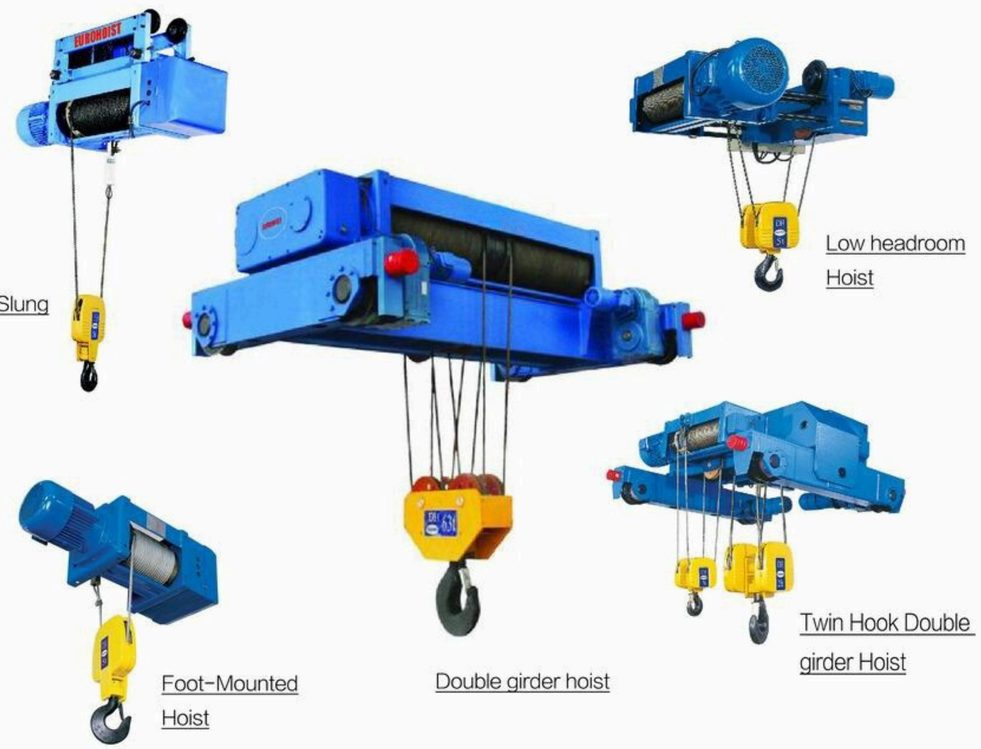
d.The lifting motor is with conic brake to ensure low noise and reliable brake.

e.The advanced rope guider adopts the technology from Germany.

f.The lifting limit switch is of cam limit switch with high accuracy.

g.The electric control components are of Schneider brand, with high quality and low failure rate

For your choose:
imported motor
flat brake
helicopter limit switch



Under-Slung Hoist

Low headroom Hoist

Foot-Mounted Hoist

Double girder hoist

Twin Hook Double girder Hoist

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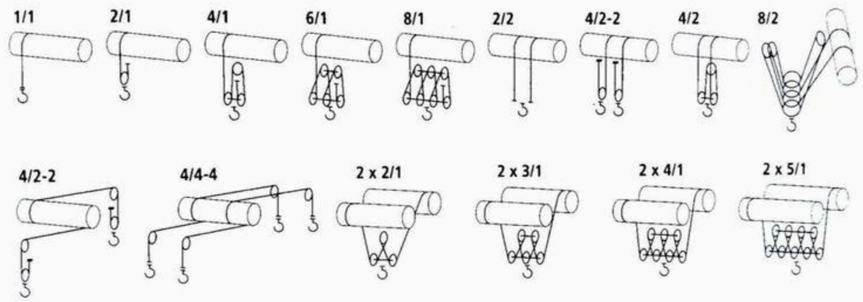
DH Hoist Selection Table

Capacity (T)	Rope Reeving 1/1 or 2/2					Rope Reeving 2/1 or 4/2					Rope Reeving 4/1				Rope Reeving 8/2			
	Type	Working Duty	Lifting Speed	lifting Height (m) 1/1	2/2	Type	Working Duty	Lifting Speed	lifting Height (m) 2/1	4/2	Type	Working Duty	Lifting Speed	lifting Height (m)	Type	Working Duty	Lifting Speed	lifting Height (m)
0.8	DH200	M5	16, 16/5	12-100	6-50													
1	DH200	M4/M5	16, 16/6	12-100	6-50													
1.25	DH320	M5	16, 16/4	12-100	6-50													
1.6	DH320	M4/M5	16, 16/4	12-100	6-50	DH200G	M5	8.0, 8.0/2.5	6-50	6-24								
2	DH320	M4/M5	12.5, 12.5/3	12-100	6-50	DH200G	M4/M5	8.0, 8.0/2.5	6-50	6-24								
	DH500	M5	16, 16/4	12-100	6-50													
2.5	DH500	M4/M5	16, 16/4	12-100	6-50	DH200G	M4/M5	6.3, 6.3/2.1	6-50	6-24								
						DH320	M5	8.0, 8.0/2.0										
3.2	DH500	M4/M5	12.5, 12.5/3	12-100	6-50	DH320	M4/M5	8.0, 8.0/2.0	6-50	6-24	DH200G	M4/M5	5.5/1.6	4-12				
4	DH1000	M5	12.5, 16, 12.5/3	12-100	6-50	DH320	M4/M5	6.3, 6.3/1.6	6-50	6-24	DH200G	M4/M5	4.4/1.3	4-12				
						DH500	M5	8.0, 8.0/2.0										
5	DH1000	M4/M5	12.5, 16, 12.5/3	12-100	6-50	DH500	M4/M5	8.0, 8.0/2.0	6-50	6-24	DH320	M5	4.4/1.0	6-24				
6.3	DH1000	M4/M5	12.5	12-100	6-50	DH500	M4/M5	6.3, 6.3/1.6	6-50	6-24	DH200G	M4/M5	4.4/1.0	6-24				
	DH1600	M5	12.5, 16, 20															
8	DH1600	M4/M5	12.5, 16, 20	12-100	6-50	DH1000	M5	6.3, 6.3/1.6, 8	6-50	6-24	DH500	M5	4.4/1.0	6-24				
10	DH1600	M4/M5	12.5/, 16	12-100	6-50	DH1000	M4/M5	6.3, 6.3/1.6, 8	6-50	6-24	DH500	M5	4.4/1.0	6-24				
	DH2000	M5	10, 12.5.16															
12.5	DH2000	M4/M5	10, 12.5.16	12-100	6-50	DH1000	M4/M5	6.3	6-50	6-24	DH500	M4/M5	3.2, 3.2/0.8	6-24				
						DH1600	M5	6.3, 8, 10										
16	DH2000	M4/M5	10, 12.5	12-100	6-50	DH1600	M4/M5	6.3, 8, 10	6-50	6-24	DH1000	M5	3.2, 3.2/0.84	6-24	DH1000	M5	3.2, 3.2/0.8, 4	6-18
20						DH1600	M4/M5	6.3, 8	6-50	6-24	DH1000	M4/M5	3.2, 3.2/0.84	6-24	DH1000	M4/M5	3.2, 3.2/0.8, 4	6-18
						DH2000	M5	5.6, 3.8										
25						DH2000	M4/M5	5.6, 3.8	6-50	6-24					DH1000	M4/M5	3.2, 4	6-18
															DH1600	M5	3.2, 4, 5	6-18
32						DH2000	M4/M5	5.6, 3	6-50	6-24					DH1600	M4/M5	3.2, 4, 5	6-18
40															DH1600	M4/M5	3.2, 4	6-18
															DH2000	M5	2.5, 3.2, 4	6-18
50															DH2000	M4/M5	2.5, 3.2, 4	6-18
63															DH2000	M4/M5	2.5, 3.2	6-18

Remark:

1. The standard lifting height is 6, 9, 12, 18, 24, 30 and 36 meters, and the max. lifting height can reach 120 meters.
2. The lifting speed can be single speed, dual speeds, or frequency controlled dual speeds.
3. The rail for the ZH series hoist is H type girder or I type girder, and the recommended rope reeving of this kind of hoist is 2/1, 4/2 or 4/1.
4. The general traveling speed is 20m/min or 20/5m/min, and 12.5, 16, 25, 32, 40 and 20/6 m/min is also available.
5. The general rail gauge of the double girder hoist is 1200, 1400, 1600, 1800, 2000, 2500 or 3000mm for your choose.



Rope Reeving

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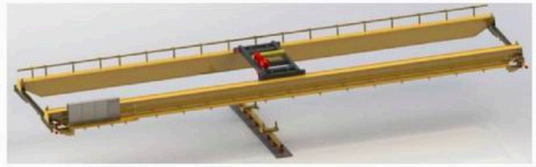
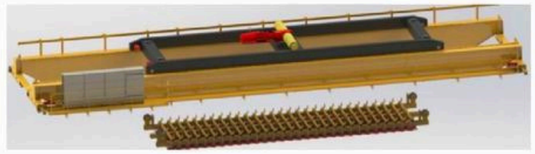
ACE KAWASAKI CRANE WINCH HEVY DUTY





5t-500t Max.160m M3-M8
Small height,light weight,building cost saving
Heavy working duty to meet continuous working
Smart driving,high transmission efficiency
Variable speeds drive to keep smooth lifting and traveling
Hardened gear and light weight
IP55 and H insulation grade
Heavy duty motor,60% ED rating
Overheat and overload protection
Centralized lubrication
Electromagnetic brake

TECHNICAL INSTRUCTION OF MODEL SELECTION

Working duty of complete machine

Load Situation Grade	Instructions	Mechanism Using Grade									
		U0	U1	U2	U3	U4	U5	U6	U7	U8	U9
Q1	The rated load is seldom lifted and lighter load is lifted frequenctly	A1	A1	A1	A2	A3	A4	A5	A6	A7	A8
Q2	The rated load is seldom lifted and medium load is lifted frequenctly	A1	A1	A2	A3	A4	A5	A6	A7	A8	A8
Q3	The rated load is lifted sometimes and heavier load is lifted more	A1	A2	A3	A4	A5	A6	A7	A8	A8	A8
Q4	The rated load is lifted frequently	A2	A3	A4	A5	A6	A7	A8	A8	A8	A8

Working duty of hoist

Load Situation Grade	Instructions	Examples of Applications	Daily Working Hours					
Q1	The rated load is seldom lifted and lighter load is lifted frequenctly	Equipment Maintenance, Light Industry and Service Industry	≤2	2-4	4-8	8-16		
Q2	The rated load is seldom lifted and medium load is lifted frequenctly	Mechanical workshop, Assembly Workshop and Station Lifting	≤1	1-2	2-4	4-8	8-16	
Q3	The rated load is lifted sometimes and heavier load is lifted more	Production & Assembly of Heavy Machinery, Production Line, Logistics Warehouse	≤0.5	0.5-1	1-2	2-4	4-8	8-
Q4	The rated load is lifted frequently	Metallurgy Industry and Heavy Machinery Assembly Line	≤ 0.25	0.25-0.5	0.5-1	1-2	2-4	4
Hoist Working Duty			M3	M4	M5	M6	M7	M8

FEM/ISO Standard

Load Situation Grade	Instructions	Average Daily Working Hours					
		≤0.5	≤1	≤2	≤4	≤8	≤16
Q1	The rated load is seldom lifted and lighter load is lifted frequenctly			1Bm/M3	1Am/M4	2m/M5	3m/M6
Q2	The rated load is seldom lifted and medium load is lifted frequenctly		1Bm/M3	1Am/M4	2m/M5	3m/M6	4m/M7
Q3	The rated load is lifted sometimes and heavier load is lifted more	1Bm/M3	1Am/M4	2m/M5	3m/M6	4m/M7	5m/M8
Q4	The rated load is lifted frequently	1Am/M4	2m/M5	3m/M6	4m/M7	5m/M8	

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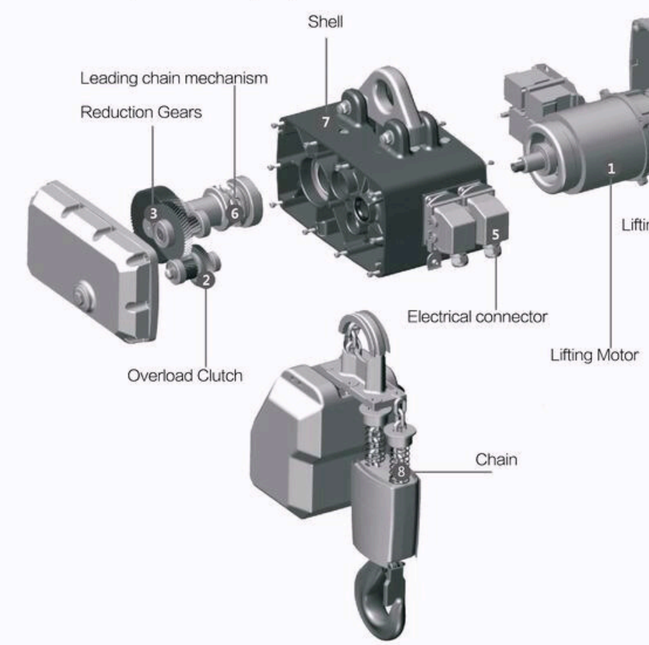
ACE KAWASAKI CRANE INDIA
BY: JD VARDHAN GROUP OF INDUSTRIES

Why choose us

The modular design allows flexible combination of our products, quickly meets customers requirements and individual design, and makes maintenance much easier. **ACE KAWASAKI CRANE INDIA** electric chain hoists can collocate with manual or electric trolley, which can be installed on a flexible girder, monorail crane, cantilever crane, and frequency-controlled electric trolley combines with high lifting speed, which can provide a flexible and efficient solution for your materials handling.
Standardized and humanized design can improve operating performance as well as can significantly reduce maintenance costs. The main parts of ACE KAWASAKI CRANE INDIA electric chain hoist are adopted maintenance-free deign, only need routine maintenance, no need replacement.
Since **ACE KAWASAKI CRANE INDIA** electric chain hoist were launched, it has been unanimously approved by the crane manufacturer and the end customer based on its excellent quality, good performance, most competitive price, and it has rapidly become the first choice for customers to purchase light and medium load lifting handling equipment. The hoist inherits advanced design concepts of Germany, such as compact structure, reliable performance, durability, wide applications of the electric chain hoist, it is designed and manufactured in strict accordance with European FEM, EN and Germany DIN standard, and it meets ISO, GB, JB and related standards.



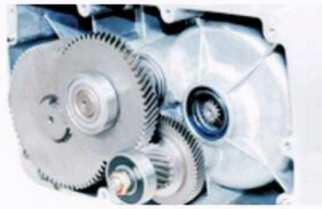
ECH SERIES ELECTRIC CHAIN HOIST

Overload Clutch

Integrated in the drive gear shaft.
Overload protection function.
Can keep torque up to 1.4 times of safe load.
Maintenance-free design, adjustable overload torque.

Lifting Motor

Light weight and small volume of high-performance motor.
Rotating speed can be up to 3000 rpm.
High starting torque and high energy efficiency.
Sustained rate of electric connection reaches up to 60%, which can meet the demand for high-frequency handling.
Protection grade IP55 and insulation grade F.



Reduction Gears

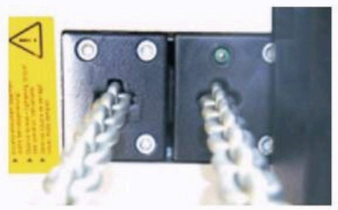
Helical gear design, with high transmission efficiency and low noise.
Hardened gear surface processing, heat treatment after gear grinding, Grade 6 precision of gears or even higher.
Full oil bath lubrication, ultra low noise and long life.
Perfect meshing and efficient transmission.

Lifting Brake

Electromagnetic disc is located at the end of transmission gear.
The medium of brake don't include asbestos.
Free from maintenance, the electromagnetic disc has a service life up to 1 million times.
The brake is totally enclose, featuring a high protection level.
It meets the requirement for working in severe environment.

Electrical connector

Connectors with aluminum.
Standard prevent mis-connection and bobble.
10 core connector can make it easier for control and power supply.
Plug and play, convenient and efficient



Leading chain mechanism

Leading chain wheel with five.
Sockets design, and surface hardening treatment.
Smoother and quieter leading chain.
It can meet the harsh working environment.

Shell

Die-casting high-strength alloy is integrally molded, with corrosion resistance and good sealing.
Special suspension design to avoid box from load force.
Engineering plastic of motor casing.
Light overall weight, good heat dissipation.

Chain

Carbonized chain of special high strength alloy steel.
Surface with galvanization treatment.
Abrasion-resistant and corrosion-resistant.
High safety factor.

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ACE CRANE

ACE KAWASAKI CRANE INDIA

BY: JD VARDHAN GROUP OF INDUSTRIES

Features

- ◆Fully enclosed body
- ◆New die-cast aluminum shell
- ◆Light weight
- ◆Efficient motor and transmission
- ◆Maintenance-free design
- ◆Longer use life
- ◆Double speeds lifting
- ◆Dismountable lifting ears
- ◆Up and down limit switch
- ◆Black plastic chain bag
- ◆Friction clutch
- ◆Switch control with easy coupling

Specifications of ACE series electric chain hoist

Capacity (KG)	Working Duty (FEM)	Working Duty (ISO/GB)	Type	Power (KW)	Lifting Speed (m/min)	No. of chain falls
50	3m	M6	ERH050	0.37/0.09	8/2.0	1
125	3m	M6	ERH125	0.37/0.09	8/2.0	1
250	2m	M5	ERH250	0.75/0.18	8/2.0	1
500	3m	M6	ERH500-02	0.75/0.18	4/1.0	2
500	1Am	M4	ERH500-01-M4	0.75/0.18	8/2.0	1
500	2m	M5	ERH500-01-M5	0.9/0.22	8/2.0	1
1000	1Am	M4	ERH1000-02	0.75/0.18	4/1.0	2
1000	1Am	M4	ERH1000-01-M4	1.9/0.45	8/2.0	1
1000	3m	M6	ERH1000-01-M6	1.8/0.45	10/2.5	1
2000	1Am	M4	ERH2000-02-M4	1.9/0.45	4/1.0	2
2000	3m	M6	ERH2000-02-M6	1.8/0.45	5/1.25	2
2500	2m	M5	ERH2500-01	4.4/1.1	10/2.5	1
3000	2m	M5	ERH3000-02	1.8/0.45	5/1.25	2
3200	1Bm	M4	ERH3200-01	4.4/1.1	8/2.0	1

Specifications of ACE series electric chain hoist

Capacity (KG)	Working Duty (FEM)	Working Duty (ISO/GB)	Type	Power (KW)	Lifting Speed (m/min)	No. of chain falls
4000	2m	M5	ERH4000-01	6/1.3	5.6/1.4	1
5000	2m	M5	ERH5000-02	4.4/1.1	5/1.25	2
5000	1Am	M4	ERH5000-01	6/1.3	5.6/1.4	1
6000	1Bm	M3	ERH6000-01	6/1.3	5.6/1.4	1
6300	1Bm	M3	ERH6300-02	4.4/1.1	4/1.0	2
8000	2m	M5	ERH8000-02	6/1.3	2.8/0.7	2
8000	2m	M5	ERH8000-01	12.5/3.1	6.4/1.6	1
10000	1Am	M4	ERH10000-02	6/1.3	2.8/0.7	2
10000	1Am	M4	ERH10000-01	12.5/3.1	6.4/1.6	1
12500	1Bm	M3	ERH12500-02	6/1.3	2.8/0.7	2
12500	1Bm	M3	ERH12500-01	12.5/3.1	6.4/1.6	1
16000	2m	M5	ERH16000-02	12.5/3.1	3.2/0.8	2
20000	1Am	M4	ERH20000-02-M4	12.5/3.1	3.2/0.8	2
20000	1Bm	M3	ERH20000-02-M3	12.5/3.1	3.2/0.8	2

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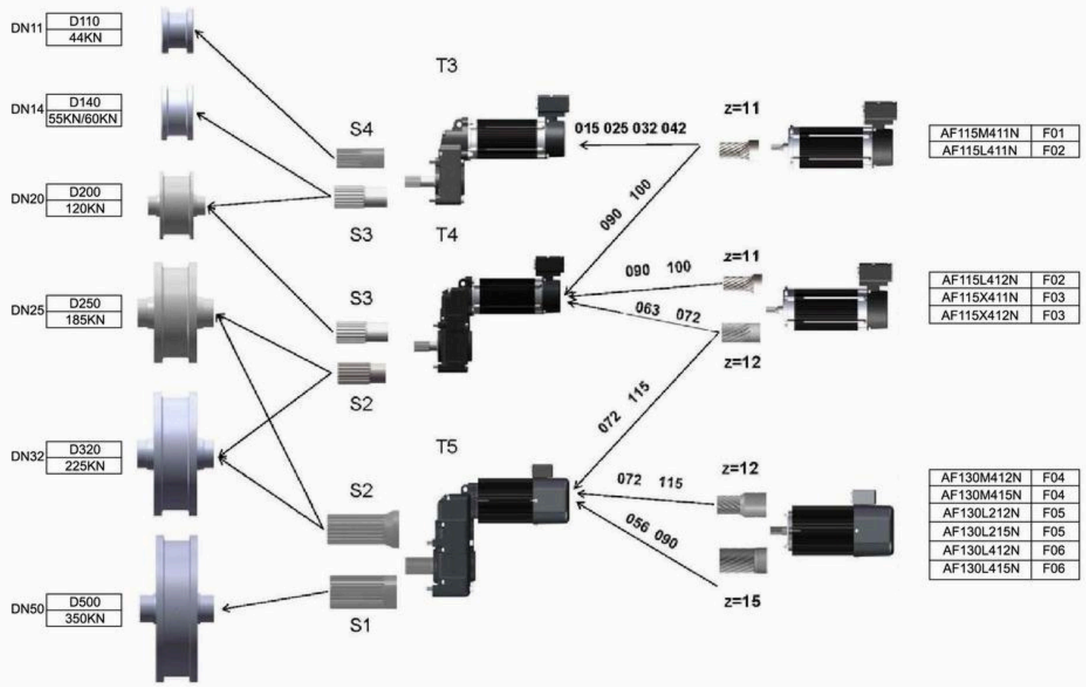
GEARED MOTOR

- ◆VSD speeds
- ◆Squirrel-cage synchronous motor
- ◆Max.rotation speed:4800 rpm
- ◆Heavy duty:60% ED rating
- ◆IP55 protection grade
- ◆Electromagnetic disc brake
- ◆Compact design
- ◆Integrated motor+brake+gearbox
- ◆Hardened gear
- ◆Sealed aluminum alloy housing
- ◆Low noise design
- ◆Semi-grease lubrication
- ◆Modular design
- ◆Up to 80t crane traveling

ACE CRANE
ACE KAWASAKI CRANE INDIA
BY: JD VARDHAN GROUP OF INDUSTRIES

GEARED MOTOR



SPECIFICATIONS

End Carriage	DN11								DN14								DN20											
Wheel Diameter (mm)	110								140								200											
Motor Code	F01				F02				F01				F02				F01				F02				F02			
Motor Speed (rpm)	2855				2800				2855				2800				2855				2800				2800			
Ratio	15	25	32	42	15	25	32	42	15	25	32	42	15	25	32	42	15	25	32	42	15	25	32	42	63	72	90	100
Bridge Speed (m/min)	65	39	30	23	65	39	30	23	84	50	39	30	82	49	38	29	120	72	56	43	117	70	55	42	28	24	20	18
End Carriage	DN20				DN25																				DN32			
Wheel Diameter (mm)	200				250																				320			
Motor Code	F03				F02				F03				F04				F05				F06				F02			
Motor Speed (rpm)	2770				2800				2770				2860				4460				2800				2800			
Ratio	63	72	90	100	63	72	90	100	63	72	90	100	56	72	90	115	56	72	90	115	56	72	90	115	63	72	90	100
Bridge Speed (m/min)	28	24	19	17	35	31	24	22	35	30	24	22	40	31	25	20	63	49	39	30	39	31	24	19	45	39	31	28
End Carriage	DN32																DN50											
Wheel Diameter (mm)	320																500											
Motor Code	F03				F04				F05				F06				F04				F05				F06			
Motor Speed (rpm)	2770				2860				4460				2800				2860				4460				2800			
Ratio	63	72	90	100	56	72	90	115	56	72	90	115	56	72	90	115	56	72	90	115	56	72	90	115	56	72	90	115
Bridge Speed (m/min)	44	39	31	28	51	40	32	25	80	62	50	39	50	39	31	24	80	62	50	39	125	97	78	61	79	61	49	38

ACE KAWASAKI CRANE INDIA
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P series Crane Drive

P series crane drive, combined with international technical requirementsChas the advantages of high technology, space saving, reliable and durable, with high overload capacity, power up to 200KW or more.

Low energy consumption, superior performance, reducer efficiency of up to 95%, low vibration, low noise, high energy saving, high quality forged steel material, steel cast iron box.

The gear surface is subjected to high-frequency heat treatment and precision machining to ensure shaft parallelism and positioning accuracy. All of this guarantees the quality quality of the product.

1.When selecting the type, first determine the fB. The following calculation formula can be used according to the daily working time, the number of switching times per hour, and the load level calculated by the gravity acceleration.

2.Load classification:

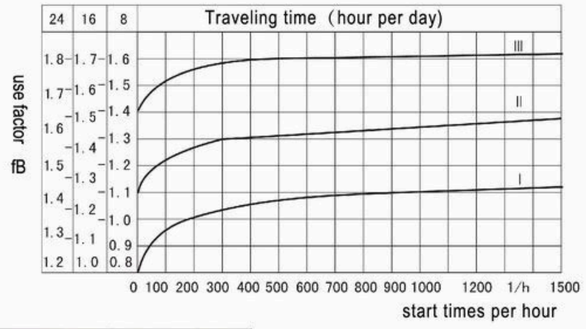
I .uniform load: allow inertial acceleration parameter ≤ 0.2

II. medium impact load: allow inertial acceleration parameter ≤ 3

III . heavy impact load: allow inertial acceleration parameter ≤ 10

Inertia acceleration parameter = load inertia / drive motor inertia

3.For example: load level I, start times 200 times / day, run time 24 hours / day, fB = 1.35. The coefficients obtained from the diagram should be compared with the use factor listed by the speed/power selection table. To ensure the service life, the selected usage parameters should be equal to or slightly higher than the calculated usage parameters.

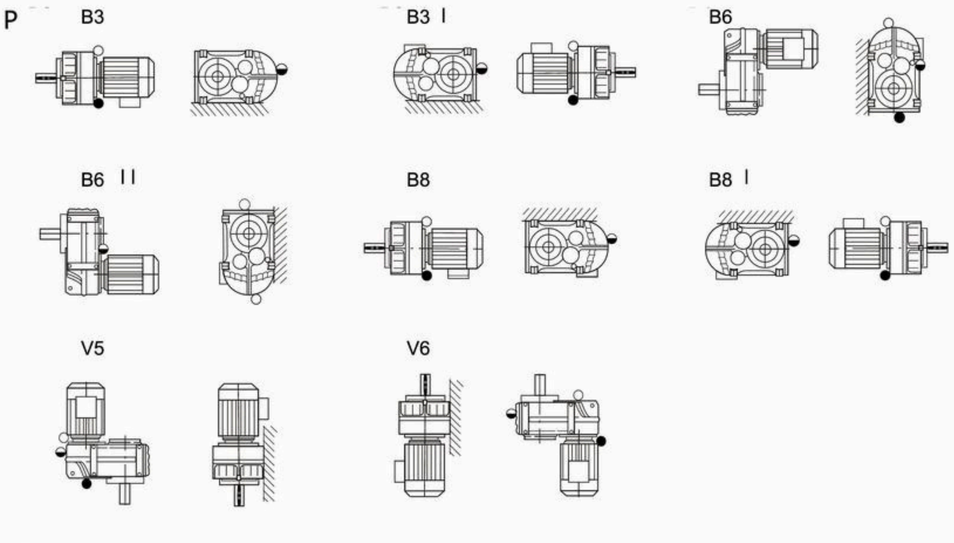


Power and Max.Torque

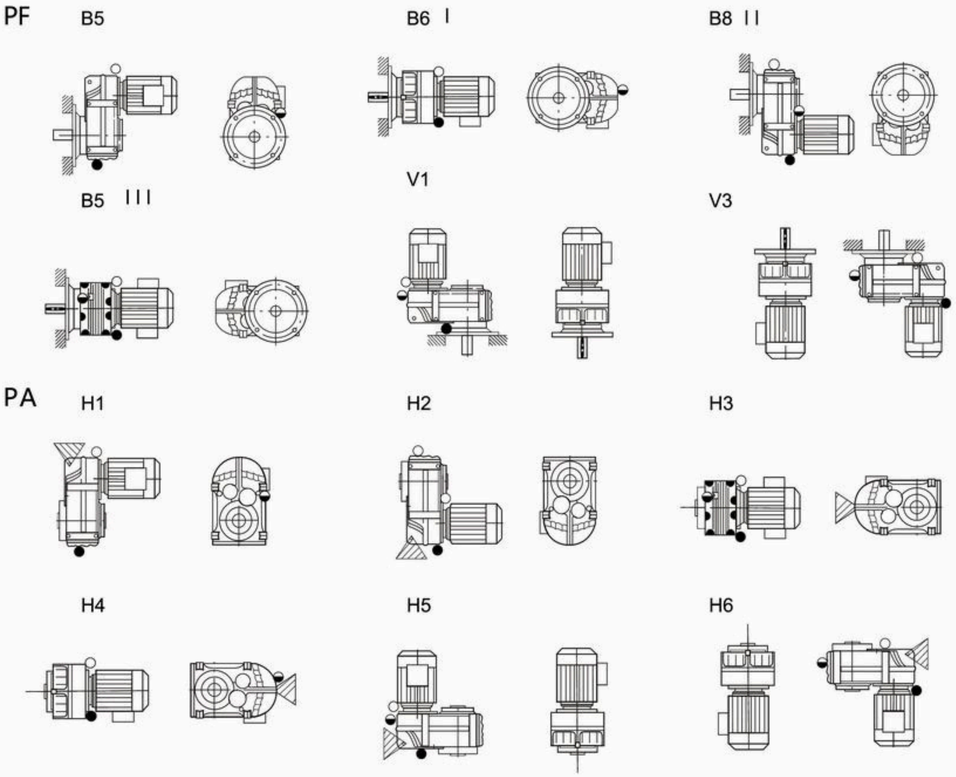
Type	PA37	PA47	PA57	PA67	PA77	PA87	PA97	PA107	PA127	PA157
Input Power Rating (kw)	0.18-3	0.18-3	0.18-5.5	0.18-5.5	0.37-11	0.75-22	1.1-30	2.2-45	7.5-90	11-200
Ratio	3.81-128.51	5.06-189.39	5.18-199.70	4.21-228.99	4.30-281.92	4.20-271.92	4.68-276.64	6.20-255.25	4.63-172.33	12.07-270.18
Maximum Torque	200	400	600	820	1500	3000	4300	7840	12000	18000

Installation Type: P PF PA PAF

P



PF



PA

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ACE CRANE

ACE KAWASAKI CRANE INDIA

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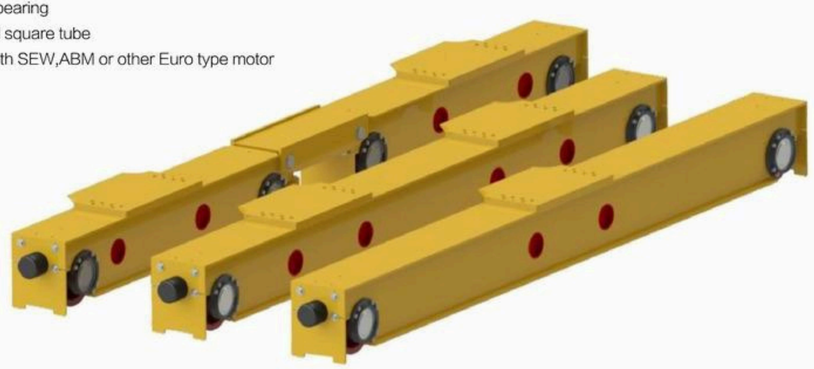
Top connection

Medium connection

Side connection

Features

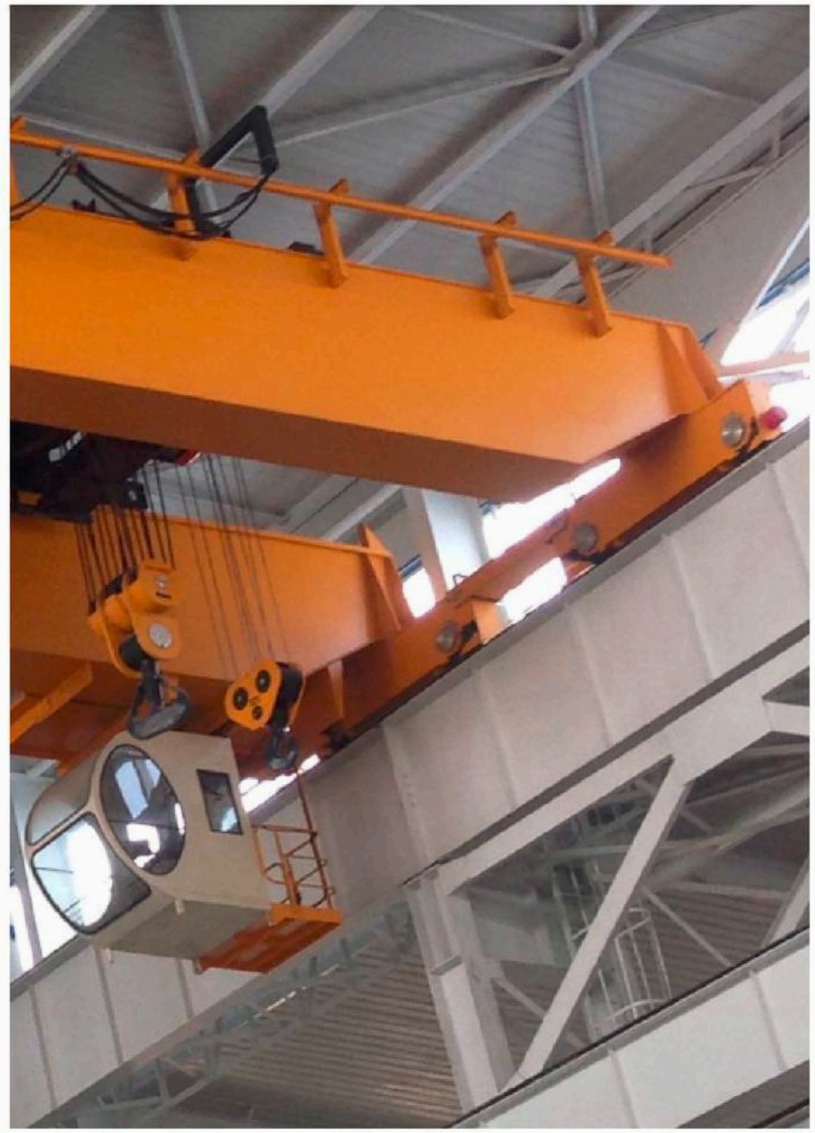
- ◆Compact size and High transmission efficiency
- ◆Flexible joint,smoothly traveling
- ◆Module joint design
- ◆Fitting with small building clearance
- ◆Self-aligning bearing
- ◆Made by steel square tube
- ◆Compatible with SEW,ABM or other Euro type motor



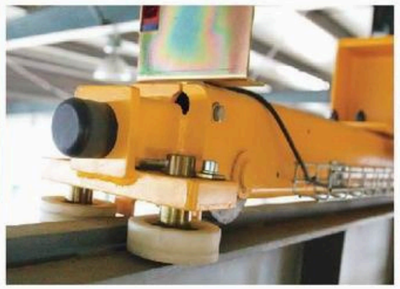
wheel with self-aligning bearing

euro end carriage

END CARRIAGE USED FOR DOUBLE GIRDER CRANE



120ton end carriage



customized guide wheel

heavy load wheel block central lubrication

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JIB CRANE

Elevating capacity: 0.125-10T
Rotation angle: 180° , 270° , 360°
Working duty: A3, A4, A5, A6
Advantage: easy to install and remove, available in small space operation

Electric jib crane is rotated by electric, it can carry out product positioning easily and efficiently. Its jib can adopt I-beam steel type or KBK rail type for certain process and flexibility during use. The ground where jib crane installed normally adopts C20 concrete structure. We usually adopt pre-embedded connection if 1 T or jib length exceeding 3 meters. It provides good working coverage in the round working area and supports tool balancer, pneumatic balancer, vacuum lifting tools and hoist. It is characterized by high-efficiency, energy economy, trouble-free, small floor space and easy to operate and maintenance. Especially suitable for short-distance, frequent-use and intensive lifting work, it may be installed wherever you can think of; therefore, it is very useful lightweight lifting equipment.

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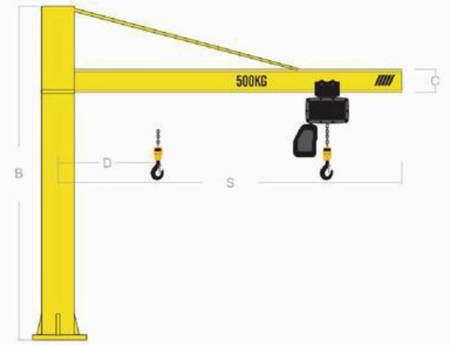
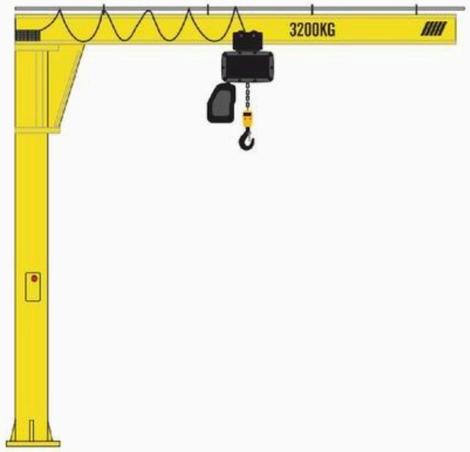
CJA Column Jib Crane



Capacity (S.W.L kg)	Jib length S (mm)	Height B(mm)	width C (mm)	Hook limit distance D (mm)	Net weight (kg)
125	2000	3230	91	150	215
125	4000	3230	91	150	250
125	6000	3290	120	150	470
125	8000	3350	150	150	660
250	2000	3240	55	160	215
250	4000	3240	64	160	250
250	6000	3240	100	200	470
500	2000	3240	64	160	220
500	4000	3240	82	160	360
500	6000	3710	120	250	660
1000	2000	3240	82	160	320
1000	4000	3240	100	200	410
1000	6000	3710	120	250	720
2000	2000	3710	120	250	500
2000	2500	3710	120	250	515
2500	2000	3410	170	300	560
2500	4000	3500	190	300	1120
2500	6000	3550	200	300	1580
2500	8000	3650	220	300	2240
3200	2000	3410	170	300	590
3200	4000	3500	190	300	1280
3200	6000	3600	210	300	1700
4000	2000	3500	190	300	950
4000	4000	3550	200	300	1400
4000	6000	3650	220	300	2000
5000	2000	3440	300	300	1300
5000	4000	3440	300	300	1800
5000	5000	3490	300	300	2100

CJB Column Jib Crane



Capacity (S.W.L kg)	Jib length S (mm)	Height B(mm)	width C (mm)	Hook limit distance D (mm)	Net weight (kg)
250	2000	3550	91	250	305
250	4000	3610	120	250	455
250	6000	3610	120	250	645
250	8000	3670	150	250	890
500	2000	3550	91	250	305
500	4000	3240	120	250	565
500	6000	3240	150	250	835
500	8000	3240	170	250	1265
1000	2000	3610	120	250	485
1000	4000	3670	250	250	730
1000	6000	3730	170	250	1130
1000	8000	3820	190	250	1790
2000	2000	3670	150	250	580
2000	4000	3730	170	250	990
2000	6000	3870	200	250	1690
3200	2000	3730	170	420	855
3200	4000	3820	190	420	1470
3200	6000	3870	210	420	1540
4000	2000	3820	190	420	915
4000	4000	3870	200	420	1540
4000	5000	3920	210	420	1990
5000	2000	3820	300	420	1370
5000	4000	3870	300	420	2255
5000	5000	3920	300	420	2580
6300	2000	3860	300	420	1465
6300	4000	3860	300	420	2255
6300	5000	3910	300	420	2890
8000	2000	3860	300	600	1530
8000	4000	3910	300	600	2700
8000	5000	3960	300	600	3200
10000	2000	3860	300	600	1905
10000	4000	3960	300	600	3000
10000	5000	4010	300	600	3480

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ACE KAWASAKI CRANE INDIA

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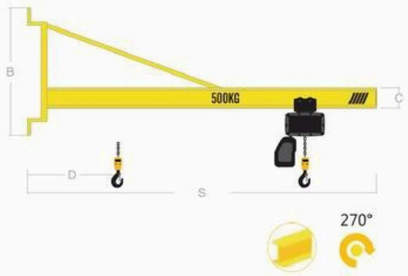
WJA Wall Mounted Jib Crane



Capacity (S.W.L kg)	Jib length S (mm)	Height B(mm)	width C (mm)	Hook limit distance D (mm)	Net weight (kg)
125	2000	940	55	160	60
125	4000	940	64	160	95
125	6000	940	82	160	160
250	2000	940	55	160	60
250	4000	940	64	160	95
250	6000	940	100	200	230
500	2000	940	64	160	70
500	4000	940	82	160	120
500	6000	1430	120	250	365
1000	2000	940	82	160	80
1000	4000	940	100	200	170
1000	5000	1430	120	250	320
1600	2000	1430	120	250	205
1600	3000	1430	120	250	240
2000	2000	1430	120	250	205

WJB Wall Mounted Jib Crane

Capacity (S.W.L kg)	Jib length S (mm)	Height B(mm)	width C (mm)	Hook limit distance D (mm)	Net weight (kg)
125	2000	3300	UKA20	90	209
125	4000	3300	UKA20	90	253
125	6000	3300	UKA30	110	436
125	8000	3300	UKA30	110	547
250	2000	3300	UKA20	90	209
250	4000	3300	UKA30	110	326
250	6000	3300	UKA30	110	496
250	8000	3700	UKA40	110	749
500	2000	3300	UKA30	110	262
500	4000	3300	UKA30	110	411
500	6000	3700	UKA40	110	695
500	8000	3700	UKA40	110	909
1000	2000	3300	UKA30	110	372
1000	4000	3700	UKA30	110	597
1000	6000	4100	UKA40	110	830
1600	2000	3700	UKA40	235	516
1600	4000	4100	UKA40	235	722
2000	2000	3700	UKA40	235	536
2000	3000	4100	UKA40	235	659

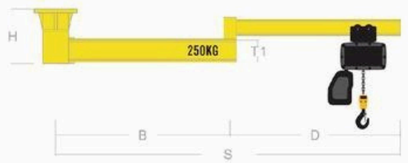
MCJA Mobile Jib Crane

Capacity (S.W.L kg)	Jib length S (mm)	Height B(mm)	Width C (mm)	Hook limit distance D (mm)	Net weight (kg)	Base Size G*G (mm)
125	2000	3800	64	150	1255	1200*1200
125	4000	3800	64	150	2373	1200*1200
125	5000	3800	82	150	2846	1450*1450
125	6000	3800	82	150	4570	1450*1450
250	2000	3800	64	150	1797	1200*1200
250	3000	3800	64	150	2898	1200*1200
250	4000	3800	64	150	2634	1450*1450
250	5000	3800	82	150	3697	1450*1450
500	2000	3800	64	150	2744	1450*1450
500	2500	3800	64	150	3606	1450*1450
500	3000	3800	64	150	4494	1450*1450

MCJB Mobile Jib Crane

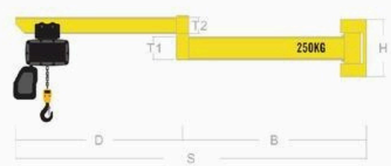
Capacity (S.W.L kg)	Jib length S (mm)	Height B(mm)	width C (mm)	Hook limit distance D (mm)	Net weight (kg)	G*G (mm)
125	2000	3240	91	150	1270	1200*1200
125	4000	3240	91	150	1821	1200*1200
125	5000	3260	100	150	2870	1450*1450
125	6000	3300	120	150	4717	1450*1450
250	2000	3240	91	150	1812	1200*1200
250	3000	3240	91	150	2928	1200*1200
250	4000	3240	91	150	3637	1450*1450
250	5000	3300	120	150	3836	1450*1450
500	2000	3240	91	150	2768	1450*1450
500	2500	3240	91	150	3624	1450*1450
500	3000	3300	120	150	4623	1450*1450

RJBA Jib Crane



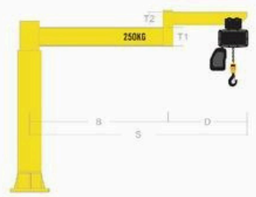
Capacity (S.W.L kg)	S (mm)	B (mm)	D (mm)	T1 (mm)	T2 (mm)	H (mm)
50	5000	2700	2300	140	100	400
80	4000	2200	1800	140	100	400
125	3000	1700	1300	140	100	400
125	5000	2700	2300	250	140	611
250	2000	1200	800	140	100	400
250	4000	2200	1800	250	140	611
500	3000	1700	1300	250	140	611
1000	2000	1200	800	250	140	611

RJBW Jib Crane



Capacity (S.W.L kg)	S (mm)	B (mm)	D (mm)	T1 (mm)	T2 (mm)	H (mm)
50	5000	2700	2300	140	100	720
80	4000	2200	1800	140	100	720
125	3000	1700	1300	140	100	720
125	5000	2700	2300	250	140	948
250	2000	1200	800	140	100	720
250	4000	2200	1800	250	140	948
500	3000	1700	1300	250	140	948
1000	2000	1200	800	250	140	948

RJBC Jib Crane



Capacity (S.W.L kg)	S (mm)	B (mm)	D (mm)	T1 (mm)	T2 (mm)
50	5000	2700	2300	140	100
80	4000	2200	1800	140	100
125	3000	1700	1300	140	100
125	5000	2700	2300	250	140
250	2000	1200	800	140	100
250	4000	2200	1800	250	140
500	3000	1700	1300	250	140
1000	2000	1200	800	250	140

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ACE CRANE
ACE KAWASAKI CRANE INDIA
BY: JD VARDHAN GROUP OF INDUSTRIES

single girder & double girder crane

1 STEEL SUPPORT SUPERSTRUCTURE
Cantilever supports for universal applications:
-support system can also be used wherever workshop ceilings and roof structures cannot bear loads.
- High flexibility for planning and configuration.
- Easy installation

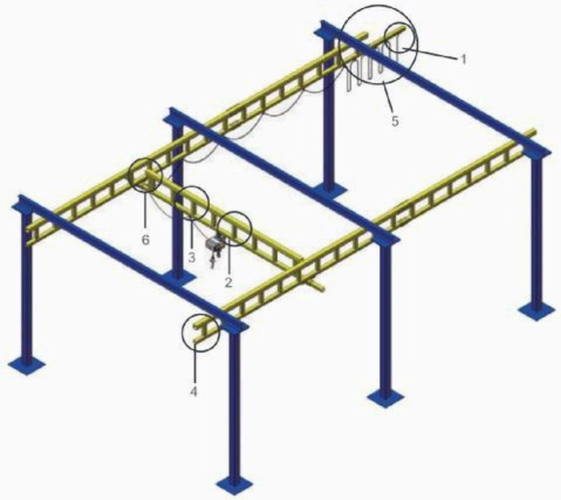
2. PROFILE SECTIONS
Freedom for planning with a broad range of KBK profile sections to meet differing needs:
- 9 KBK steel profile sections in 6 sizes.
- 6 KBK aluminum profile sections in 4 sizes.
KBK profile sections are are tough and highly resistant to corrosion and impacts. The modular KBK system allows different profile sections to be combined in one set.

3.INTEGRATED CONDUCTOR WIRE
Safe and space-saving power supply via profile sections with integrated conductor wire:
- Additional headroom available
- No risk of collisions (e.g.with forklift) because of the design without cable
- Additional external power supply fittings not required, which minimizes installation time and cost.

4.KBK TROLLEYS
Excellent smooth running performance and minimum rolling resistance during their entire service life.
- Quiet and smooth operation , thanks to plastic wheels that are mounted in anti-friction bearings and lubricated for lift.
- Maintenance-free travel wheels with effective shock absorption
- Compact design with low deadweight.

5 TRAVEL DRIVE
used for heavy loads:
- Electric and pneumatic design
- Large friction wheels that have a high friction coefficient ensure reliable transmission of drive torque.
- High traction: connection between travel drive and track does not depend on position and weight of the load.
- Quiet running drives.

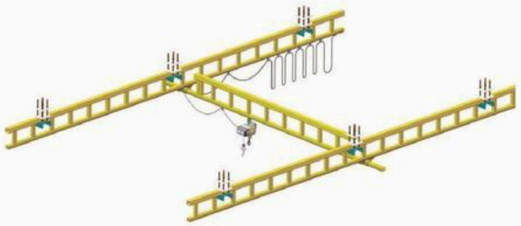
RIGID TRACK SYSTEM

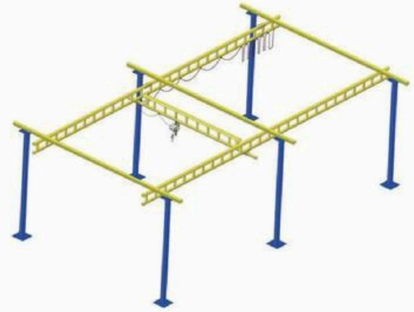


ACE KAWASAKI CRANE system provides an ergonomic and cost effective solution to conventional overhead crane systems,especially when there is a height and space restriction. Versatile and reliable overhead handling can be achieved for a variety of application, owing to the EuroHoist modular design. The robust design of our components and the high standard of manufacturing guarantees long life with the minimum of maintenance. Our program range consists of sliding door system, overhead conveyor systems, festoon systems, anti-falling brake systems and light cranes.

Ceiling Mounted Crane with Reinforced long Travel
The reinforced track profiles can be used to minimize the required supporting points when the overhead steel structure is limited.

Floor Mounted Crane with Reinforced long Travel Track
By using reinforced track profiles in the long travel the support distance can be increased rendering the I beams along the track profiles unnecessary. This way installation time is also minimized.





End stop with cable end clamp

Track end stop

Trolley with pin

Festoon system

Cable trolley

Trolley with track joint

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ACE CRANE
ACE KAWASAKI CRANE INDIA
BY: JD VARDHAN GROUP OF INDUSTRIES

ALUMINUM ALLOY TRACK SYSTEM

1 Suspension
-- Rigid design that can be adjusted down to the last millimeter.
-- Accommodates kick-up forces and transfers them to the superstructure via rubber damping elements.
-- Ideally suited for applications with manipulators, extending cranes or offset loads.

2 End Caps
-- Easy to be installed
-- Special shock absorbers are required on rigid systems with uncompensated loads. Shock absorbers integrated in the end caps dissipate the energy transmitted by impact loads to all components and assemblies as well as the support superstructure.

3 Trolley
-- Excellent smooth-running performance and minimum rolling resistance over their entire service life.
--Anti-friction bearings lubricated for life
--Lateral guide rollers for smooth travel as standard
-- Sleek design with minimum deadweight

4 End Carriage for Crane
-- Rigid design
-- Lightweight structure
-- Improve the positioning precision
-- The best load distribution
-- Matched with rigid connected crane trolley

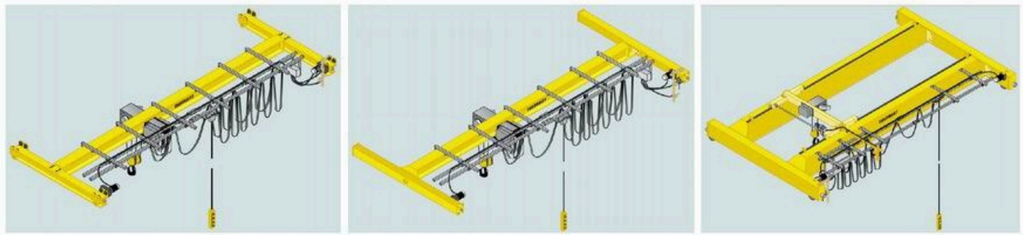
5 Integrated Conductor Line
-- Available as an option for profile section sizes A18 and A22
-- Improved headroom dimensions, uncluttered design, reduced risk of accidents and collisions
-- Safe and reliable electric power supply arrangement without the need for additional power supply fittings, also suitable for two cranes on one track.

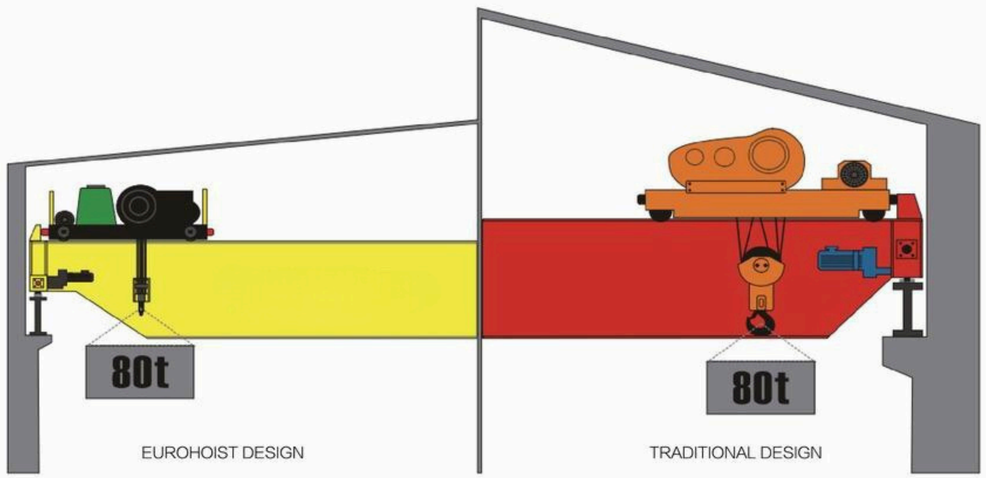
CRANE SYSTEM

Features

◆Optimized designing, DIN/FEM standard, smaller wheel load, space saving
◆Single main girder, welding box , camber meet Chinese standard
◆After welding, the whole beam shot blasting treatment reaches Sa2.5 grades, eliminating welding stress.
◆Epoxy zinc rich high quality painting, 2*2 with 140 μ m.
◆10.9 class high tension bolts mounting between girder and legs, life time safety connection
◆Compacted gear motor driving, step-less control, harden gear, safety disc brake
◆High protection class IP55, F class, 40% ED
◆First class lifting units, maintenance free
◆Gear motor locker rope to protect drop
◆Flexible solution for all lifting needs
◆Excellent driving properties, step-less control, smoothly move

Single girder overhead crane | Single girder under-slung crane | Double girder overhead crane





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ACE CRANE
ACE KAWASAKI CRANE INDIA
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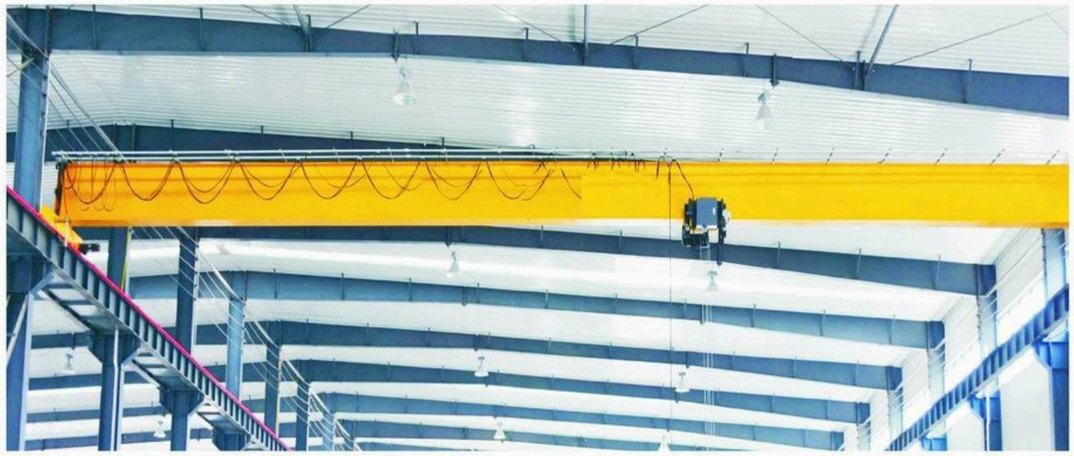

SINGLE GIRDER OVERHEAD CRANE

Technical Parameters of DRS Single Girder Overhead Crane

CAPACITY (kg)	WORKING DUTY (FEM)	WORKING DUTY (ISO/GB)	LIFTING HEIGHT (m)	SPAN (m)	LIFTING SPEED (m/min)	TROLLEY SPEED (m/min)	CRANE SPEED (m/min)
2000	1Am-4m	M4-M7	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5/31.5	5/0.8	5-20	10-32
3200	1Am-4m	M4-M7	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5/31.5	5/0.8	5-20	10-32
5000	1Am-4m	M4-M7	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5/31.5	5/0.8	5-20	10-32
6300	1Am-4m	M4-M7	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5/31.5	5/0.8	5-20	10-32
8000	1Am-4m	M4-M7	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5/31.5	5/0.8	5-20	10-32
10000	1Am-4m	M4-M7	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5/31.5	5/0.8	5-20	10-32
12500	1Am-3m	M4-M6	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5/31.5	5/0.8	5-20	10-32
16000	1Am-3m	M4-M6	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5/31.5	5/0.8	5-20	10-32
20000	1Am-2m	M4-M5	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5/31.5	5/0.8	5-20	10-32

Remark:Contact EUROHOIST for more parameters and non-standard products

DOUBLE GIRDER OVERHEAD CRANE

Technical Parameters of DRD Double Girder Overhead Crane

CAPACITY (kg)	WORKING DUTY (FEM)	WORKING DUTY (ISO/GB)	LIFTING HEIGHT (m)	SPAN (m)	LIFTING SPEED (m/min)	TROLLEY SPEED (m/min)	CRANE SPEED (m/min)
2000	1Am-4m	M4-M7	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5/31.5	5/0.8	5-20	10-32
3200	1Am-4m	M4-M7	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5/31.5	5/0.8	5-20	10-32
5000	1Am-4m	M4-M7	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5/31.5	5/0.8	5-20	10-32
6300	1Am-4m	M4-M7	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5/31.5	5/0.8	5-20	10-32
8000	1Am-4m	M4-M7	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5/31.5	5/0.8	5-20	10-32
10000	1Am-4m	M4-M7	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5/31.5	5/0.8	5-20	10-32
12500	1Am-3m	M4-M6	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5/31.5	5/0.8	5-20	10-32
16000	1Am-3m	M4-M6	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5/31.5	4/0.66	5-20	10-32
20000	1Am-3m	M4-M6	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5/31.5	4/0.66	5-20	10-32
25000	1Am-3m	M4-M6	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5/31.5	3.2/0.8	5-20	10-32
32000	1Am-3m	M4-M6	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5/31.5	3.2/0.8	5-20	10-32
40000	1Am-3m	M4-M6	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5/31.5	3.2/0.8	5-20	10-32
50000	1Am-3m	M4-M6	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5/31.5	3.2/0.8	5-20	10-32
63000	1Am-3m	M4-M6	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5/31.5	0-2.9	5-20	10-32
80000	1Am-2m	M4-M5	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5/31.5	0-2.9	5-20	10-32

Remark:Contact EUROHOIST for more parameters and non-standard products

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ACE KAWASAKI CRANE INDIA

BY: JD VARDHAN GROUP OF INDUSTRIES

UNDER-SLUNG OVERHEAD CRANE

The single/double girder under-slung crane can be directly installed on the roof structure of existing plant without additional crane rail, which can make all the place being the working area. Moreover, it can be only used in part of plant area according to request. The traveling range of trolley can exceed the crane span through using the side cantilever. The max. Lifting capacity is 5 ton.

Advantages and Features:
1 The end carriage is optimized design according to reasonable structure
2 Box type main girder
3 The heavy objects can be moved rapidly to the place near the plant wall due to the qunique design of main girder terminal.
4 Anti-swaying function ensures the stable operation.

GANTRY CRANE

Gantry crane is suitable for the storage yard and the occasions of plants without bracket support. It has semi-gantry type and gantry type. The max lifting capacity is 500 ton. The gantry crane has the features of easy maintenance, high reliability, safety, and way installation. It can met material handling without changing the plant structure.

Advantages and Features:
1 Compact design
2 Fast and stable loading
3 More secure, reliable, the maintenance free design
4 Better performance

LIGHT WEIGHT MOBILE GANTRY CRANE

By using ACE KAWASAKI CRANE INDIA lightweight mobile gantry crane, you will have the moving ability. The crane has a capacity of 10 ton and has 4 variable positioning wheels, which is easy to operate. It can always meet your requirement. The maximum span can reach 14 m and the maximum height can reach 9 m according to the requirement of loading capacity. In addition, it is very easy to dis-assemble the crane.
Weight: up to 10 Ton
Application range: manually or motorized
Features: easy to move and dis-assemble, with 4 variable positioning wheel, (two of which are locked with 90 degree angle direction). the device can be used in anywhere, the lightweight mobile crane is an ideal auxiliary equipment for your warehouse

Remote Control

Specifications

MODEL	FUNCTION	
F21-2S	EMERGENCY STOP+START+2 BUTTONS (UP+DOWN)	ALL SINGLE SPEED
F21-2D		ALL DOUBLE SPEEDS
F21-4S	EMERGENCY STOP+START+4 BUTTONS (UP+DOWN+WEST+EAST)	ALL SINGLE SPEED
F21-4D		ALL DOUBLE SPEEDS
F21-E1B	EMERGENCY STOP+START+6 BUTTONS (UP+DOWN+WEST+EAST+NORTH+SOUTH)	ALL SINGLE SPEED
F21-E1		ALL DOUBLE SPEEDS
F24-6S	EMERGENCY STOP+START+ON/OFF+6 BUTTONS (UP+DOWN+WEST+EAST+NORTH+SOUTH)	ALL SINGLE SPEED
F24-6D		ALL DOUBLE SPEEDS
F24-8S	EMERGENCY STOP+START+ON/OFF+8 BUTTONS (UP+DOWN+WEST+EAST+NORTH+SOUTH+1+2)	ALL SINGLE SPEED
F24-8D		ALL DOUBLE SPEEDS

CRANE RAIL

RUNWAY RAIL

SQUARE STEEL

Specifications

Model	A	B	C	D	Weight (kg/m)
P18	90	80	40	10	18.06
P24	107	92	51	10.9	24.46
P22	93.66	93.66	50.8	10.72	22.3
P30	107.95	107.95	60.33	12.3	30.1
P38	134	114	68	13	38.72
P43	140	114	70	14.5	44.65
P50	152	132	70	15.5	51.51

Specifications

Model	A	B	Weight (kg/m)
STANDARD SIZE			
50×30	30	50	11.78
60×40	40	60	18.84
70×40	40	70	21.98
80×60	60	80	37.68
100×60	60	100	47.11
120×80	80	120	75.37

Remark:the special size can be customized as needs

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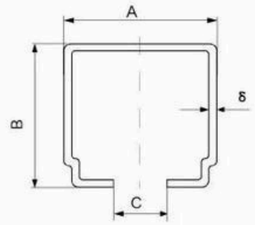
ACE CRANE

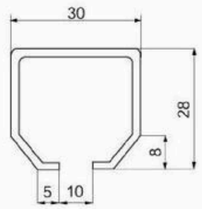
ACE KAWASAKI CRANE INDIA

BY: JD VARDHAN GROUP OF INDUSTRIES

C TRACK

C30/C32/C40/C63



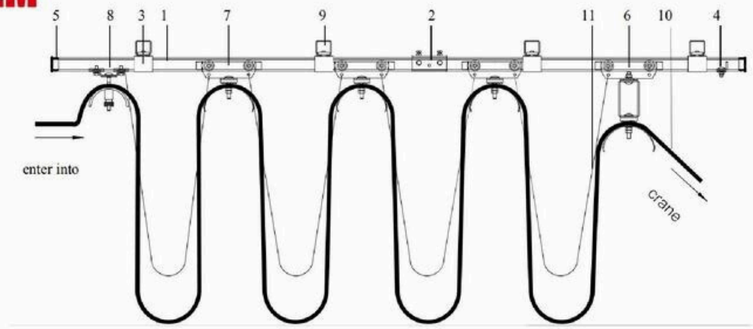


Type	C30×28×1.5	C32×30×1.5	C40×40×2.0	C63×63×4.0
Cat.-No.	700116*	710116*	720116*	750116*
Material	Galvanized Steel			
Weight (kg/m)	1.03	1.19	2.00	5.98
Technical Data				
A	30	32	40	63
B	28	30	40	63
C	10	12	13	18
δ	1.5	1.5	2.0	4.0
Spacing	Max. cable load			
1.5m	70kg	89kg	188kg	503kg
2.0m	36kg	51kg	103kg	425kg
2.5m	22kg	39kg	73kg	302kg
3.0m	-	23kg	49kg	195kg
4.0m	-	-	28kg	85kg

Remark:6 m is standard length, 4m is also available

C TRACK SYSTEM

1.C track
2.Joint cover
3.Hanger
4.End stop
5.End cap
6.Towing Trolley
7.Middle Trolley
8.End Trolley
9.Support bracket
10.Cable
11.Steel wire



Technical Data

Travel Speed	<120m/min
Temperature	-40℃ -125℃
Cable Load	<120kg

Travel Speed	Cable loop depth
max. 35m/min	≥0.3m
35-50m/min	≤0.8m
50-80 m/min	≥0.8m

Accessories of C track system

BUMPER END STOP

END TROLLEY

MIDDLE TROLLEY

C TRACK

HANGER

RAIL CLAMP

END CAP

JOINT COVER

TOWING TROLLEY

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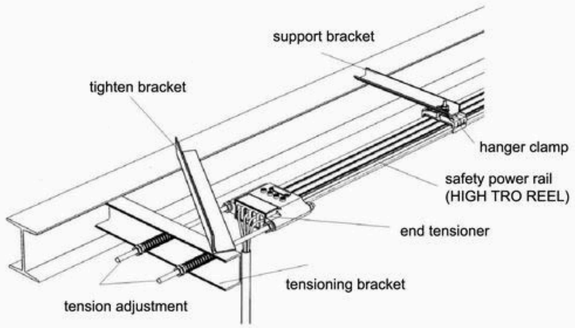
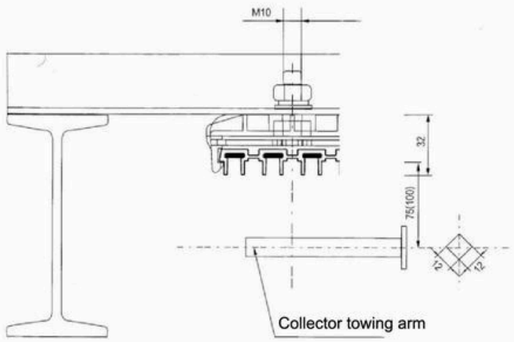
ACE CRANE
ACE KAWASAKI CRANE INDIA
BY: JD VARDHAN GROUP OF INDUSTRIES

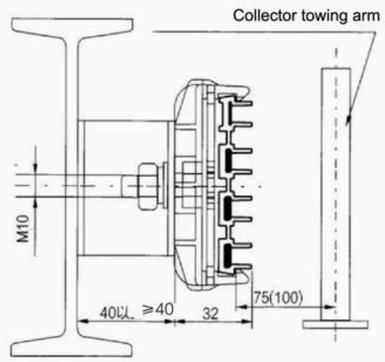
HIGH-TRO-REEL SYSTEM



EUROHOIST Lower-Power Insulated EH series seamless high tro reel system offer
3P,4P(35A\50A\65A\80A\100A\120A\140A),6P(50A,80A) total three types,with the load matching,selection and utilization economically.Meanwhile 3P,4P can be combined into other types. 1000m conductor without any point is within our general supply range.
Copper contact closely with insulated sleeve,no bad contact due to vibration
Light weight,Simple structure,Easy to carry and install
Insulated material is special formula PVC,which is impact resistant,uv resistant
Suitable for various kind of curve runway(curve R≥0.6m)

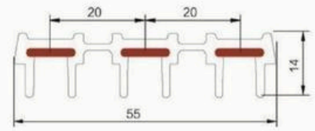
Main data:
Rating:3P/4P/6P
Max.current:140A
Max.voltage:600V
Material:Copper Insulation+rigid PVC(heat resistance:75℃)
Sparts:Plastic/Steel





EH3P Body (indoor only)

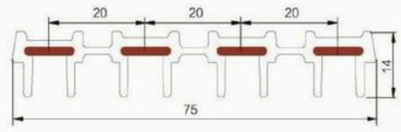
Rating: 3P 690V 50A-120A
Conductor material: copper
Insulation jacket material: rigid PVC (heat resistance 75℃)



Type	Poles	Conductor cross section (mm²)	Current (A)
761003	3	3×10mm²	50A
761503	3	3×15mm²	80A
762003	3	3×20mm²	100A
762503	3	3×25mm²	120A
763503	3	3×35mm²	140A

EH4P Body (indoor only)

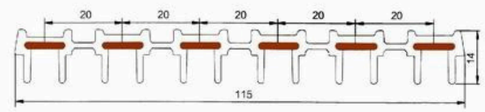
Rating: 3P 690V 50A-120A
Conductor material: copper
Insulation jacket material: rigid PVC (heat resistance 75℃)



Type	Poles	Conductor cross section (mm²)	Current (A)
761004	4	4×10mm²	50A
761504	4	3×15mm²+1×10mm²	80A
762004	4	3×20mm²+1×10mm²	100A
762504	4	3×25mm²+1×12.5mm²	120A
763504	4	3×35mm²+1×5mm²	140A

EH6P Body (indoor only)

Rating: 3P 690V 50A-120A
Conductor material: copper
Insulation jacket material: rigid PVC (heat resistance 75℃)



Type	Poles	Conductor cross section (mm²)	Current (A)
761006	6	3×10mm²	50A
761506	6	6×15mm²	80A

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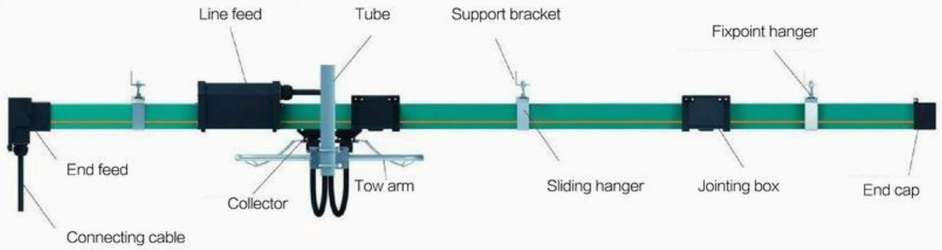
ENCLOSED CONDUCTOR RAIL

ACE KAWASAKI CRANE INDIA
BY: JD VARDHAN GROUP OF INDUSTRIES

General

They are conductor wires in a rigid green PVC housing with different copper cross sections for rated currents of 35-240A.
Its operation is mainly transferred by the carbon brushes with spring.
Approved by:CCC,ISO 9001 and CE.

System Description



Technical Data

Electric specification:

Max.current: 240A
Max.Voltage: 690V
Dielectric strength:30-40KV/mm
Spec.resistance:5*1015Ohm*cm
Surface resistivity:1013Ohm*cm
Leakage resistance CTI600-2.7

Mechanical specification:

Flexible strength 75N/mm2 ± 10%
Tensile strength 40N/mm2 ± 10%

Temperature range:

Standard Housing -20° C up to +70° C
High Temp.Housing -10° C up to +115° C
Low Temp.Housing -40° C up to +80° C

Combustibility:

Flame retardant B1 class
Self extinguishing Class B1-no flaming particles, self-extinguishing

Resistance to chemicals:

+45° C,Gasoline,Mineral Oil,Grease,Sulphuric acid 50%, Caustic soda 25%&50%, Concentrated Hydrogen chloride.

Accessories of Enclosed Conductor Rail

HFP56 Accessories-Current collector

40A current collector is used for conductor bar 35A-120A, both tow arm 56BC/53&56BC/55 can be matched.

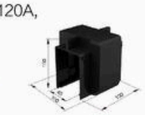
Type	Weight kg	Poles	Power rating
56JD-4/40	0.7	4	40A

60A current collector is used for conductor bar 120A-170A, both tow arm 56BC/53&56BC/55 can be matched.

Type	Weight kg	Poles	Power rating
56JD-4/60	1.35	4	60A

80A current collector is used for conductor bar 140A-240A, only tow arm 56BC/53 can be matched.

Type	Weight kg	Poles	Power rating
56JD-4/80	1.3	4	80A



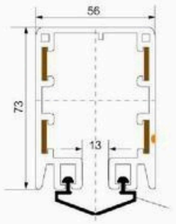
HFP56 Accessories-Jointing cover

Type	Weight kg	Poles	Power rating
56LJ-5	0.10	Plastic	for bended joints
56LJ-6	0.16	Plastic	for bolted joints

HFP56 Accessories-Bolted joint

Type	Weight kg	Material
56JT-80A	0.042	steel cover &copper plate
56JT-120A	0.049	
56JT-140A	0.053	
56JT-170A	0.058	
56JT-210A	0.065	
56JT-240A	0.085	

Specifications



Conductor code

HFP56-4-n/m
HFP56= multilevel enclosed conductor
4= poles
N= conductor cross section (mm²)
M= current
Width for copper
①=14.5mm
②=17.6mm
③=21.0 mm
Sealing strip should be ordered separately

Length

4 m is standard length, other lengths are available within 6 m

Curves
The minimum radius is 0.8m

Support spacing
Straight line segment is 1.2 m

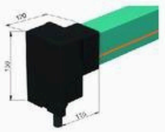
Type	Poles	Conductor cross section (mm²)	Current (A)	Leakage -distance (mm)	Voltage (V)	Resistance (Ω/km)	Weight (kg)
HFP56-4-8/35	4	8	35	35	690	1.944	2.09
HFP56-4-10/50	4	10	50	35	690	1.656	2.16
HFP56-4-12/65	4	12	65	35	690	1.321	2.23
HFP56-4-15/80	4	15	80	35	690	1.137	2.30
HFP56-4-20/100	4	20	100	33	690	1.011	2.43
HFP56-4-25/120	4	25	120	33	690	0.713	2.56
HFP56-4-35/140	4	35	140	33	690	0.522	2.95
HFP56-4-50/170	4	50	170	33	690	0.337	3.25
HFP56-4-70/210	4	70	210	33	690	0.265	3.85
HFP56-4-80/240	4	80	240	30	690	0.223	4.16

HFP56 Accessories-Line feeding

Type	56ZG/500-X /m

HFP56 Accessories-Tow arm

Type	Weight kg	Material
56BC/53	0.53	Steel



HFP56 Accessories-End feed/End feeding joints

Type	Weight kg	Material
56DG	0.25	Plastic
56EJ-1	0.06	Brass

HFP56 Accessories-End cap

Type	Weight kg	Material
56DG	0.065	Plastic

HFP56 Accessories-Hanger

Type	Weight kg	Material
56DJ-1	0.17	Steel
56DJ-2	0.21	Steel

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ACE KAWASAKI CRANE INDIA
BY: JD VARDHAN GROUP OF INDUSTRIES

SINGLE INSULATED CONDUCTOR SYSTEM

General

The LFD-W conductor rail system is a modern power supply system using single-pole insulated conductor rails. It complies with the latest regulations and provide the electric energy for mobile consumers. The conductor rail material is copper (200A-500A), aluminium (150A-3000A). the aluminium conductor rail is provided with a proven and patented stainless steel contact surface. Any numbers of poles can be installed vertically or horizontally, on straight or curved systems.
The conductor rail system can be installed indoor or outdoor. For high temperature conditions, a high temperature insulation cover up to +115℃ is available, also for low temperature conditions, it could be up to -40 ℃.
The entire conductor rail system is insulated to current safety regulation, it is entirely protected against direct contact. Ground insulation cover is marked yellow-green on one side over the entire length of the rail.
Type -R: Curves for R ≥ 1200mm
Approved and listed by: CCC, ISO9001 and CE

Insulation

Generally, the phase line is color green, the ground line is yellow-green plastic housing, standard length is 6.0 m long, other sections are available.

Feed Sets

Line feeds (any joints) or end feeds

Hangers

Standard brackets for conductor attachment to crane girders are available. Conductor with sliding and fix point hangers.
Standard distance between suspension points for indoor and outdoor installations: 150mm to 2000mm.

Isolating Section

Function segment for equipment power failure maintenance. Usually, when there are two or more power receiving devices on the same sliding line system, an inspection section is required. The installation position is usually in two sections of the system.

Jointing material

Generally, the phase line is color green, the ground line is yellow-green plastic housing, standard length is 6.0 m long, other sections are available.

End Caps

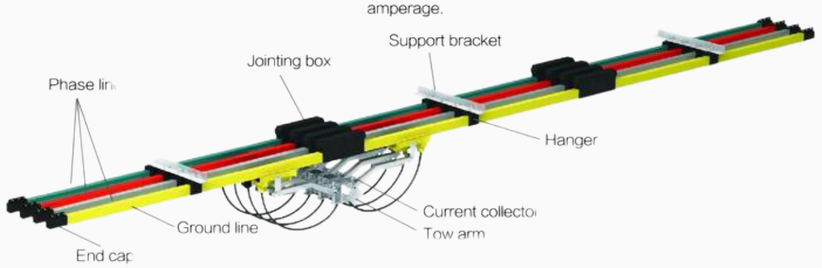
The open ends of the conductor are closed by end caps.

Expansion Section

The expansion sections are required to compensate the different expansions between copper conductors and steel or concrete structures, in varying temperatures without interrupting electrical power.
Expansion joints are used when the power rail length between feeds, curves, switches or other fix points is exceeding 200m. install one expansion joint according to actually installation.

Collectors

The current collectors are made of carbon brush, re-inforced nylon and galvanized or spray paint metal material spring loaded carbon brushes maintain uniform contact. Connection cables and hinged or flexible towing arms included. Double collectors for transfer applications and higher amperage.



Technical Datas

Conductor Rail System	LFD-WA series				LFD-WC series		
Conductor Rail	Aluminium				Copper		
Type	WA24	WA32	WA35	WA52	WC24	WC32	WC52
Nominal Current at 100% DC and 35℃ (A)	250-300	320-1250	230-800	1250-3000	500-800	800-1600	1250-5000
DC resistance at 35℃ (Ω/km)	0.203-0.187	0.153-0.046	0.153-0.067	0.043-0.015	0.116-0.067	0.067-0.039	0.036-0.007
Impendance at 35℃ (Ω/km)	0.209-0.195	0.155-0.048	0.155-0.069	0.044-0.017	0.118-0.069	0.069-0.040	0.038-0.008
Support Spacing (m)	1.5	1.8	1.8	2.0	1.5	1.8	2.0
Rail Length (m)	6.0	6.0	6.0	6.0	6.0	6.0	6.0
Housing Length (m)	5.88	5.83	5.83	5.75	5.88	5.83	5.75
Rated Voltage (V)	220-690V		Dielectric strength (KV/mm) 30-40				
Traveling Speed	≤ 600m/min		Standard GB7251.3-2006				
Expansion Joint	The maximum length must not exceed 200 meters, and the expansion joint must be installed.						
Flame Retardant	Class B1-no flaming particles, self-extinguishing						
Permissible ambient temperature	Standard insulation -20℃ --70℃ Hight temperature inuslation -10℃ --115℃ Low temperature insulation -40℃ --85℃						

W32 System

Scale 1:1

Aluminium Conductor,Standard Length 6.0m,other lengths upon request,Support spacing: 1.8m or 2.0m,Stainless steel belt B=9.8mm

Type	Conductor Material	Cross Section ㎜²	Nominal Current A	Leakage-distance mm	Resistance Ω/km	Weight kg
LFD-WA-230/320	Aluminium	230	320	80	0.153	0.96
LFD-WA-285/500	Aluminium	285	500	80	0.116	1.13
LFD-WA-360/630	Aluminium	360	630	80	0.087	1.38
LFD-WA-450/800	Aluminium	450	800	80	0.067	1.50
LFD-WA-550/1000	Aluminium	550	1000	80	0.058	1.86
LFD-WA-600/1250	Aluminium	600	1250	80	0.046	2.01

Scale 1:1

Copper Conductor,Standard Length 6.0m,other lengths upon request,Support spacing: 1.8m or 2.0m,Stainless steel belt B=9.8mm

Type	Conductor Material	Cross Section ㎜²	Nominal Current A	Leakage-distance mm	Resistance Ω/km	Weight kg
LFD-WC-230/800	Copper	230	800	80	0.067	2.43
LFD-WC-300/1000	Copper	300	1000	80	0.058	3.05
LFD-WC360/1250	Copper	360	1250	80	0.046	3.56
LFD-WC-450/1600	Copper	450	1600	80	0.039	4.37

W24 System

Scale 1:1

Aluminium Conductor,Standard Length 6.0m,other lengths upon request,Support spacing: 1.5m,Curve:Min.Radius=1.2m,Stainless steel belt B

Type	Conductor Material	Cross Section ㎜²	Nominal Current A	Leakage-distance mm	Resistance Ω/km	Weight kg
LFD-WA-160/250	Aluminium	160	250	45 or 80	0.203	0.63
LFD-WA-180/300	Aluminium	180	300	45 or 80	0.187	0.71

Scale 1:1

Copper Conductor,Standard Length 6.0m,other lengths upon request,Support spacing: 1.5m or 2.0m

Type	Conductor Material	Cross Section ㎜²	Nominal Current A	Leakage-distance mm	Resistance Ω/km	Weight kg
LFD-WC-160/500	Copper	160	500	45 or 80	0.112	1.68
LFD-WC-180/600	Copper	180	600	45 or 80	0.098	1.86
LFD-WC-200/700	Copper	200	700	45 or 80	0.087	2.04
LFD-WC-230/800	Copper	230	800	45 or 80	0.076	2.30

W52 System

Scale 1:1

Aluminium Conductor,Standard Length 6.0m,other lengths upon request,Stainless steel belt B=16mm

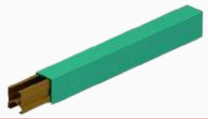
Type	Conductor Material	Cross Section ㎜²	Nominal Current A	Leakage-distance mm	Resistance Ω/km	Weight kg
LFD-WA-900/1500	Aluminium	900	1500	100	0.039	2.85
LFD-WA-1000/1600	Aluminium	1000	1600	100	0.037	3.25
LFD-WA-1350/2000	Aluminium	1350	2000	100	0.028	4.32
LFD-WA-1600/2500	Aluminium	1600	2500	100	0.018	4.99
LFD-WA-2000/3000	Aluminium	2000	3000	100	0.015	6.07

Scale 1:1

Aluminium Conductor,Standard Length 6.0m,other lengths upon request,Stainless steel belt B=16mm

Type	Conductor Material	Cross Section ㎜²	Nominal Current A	Leakage-distance mm	Resistance Ω/km	Weight kg
LFD-WC-500/1600	Copper	500	1600	100	0.036	5.12
LFD-WC-700/2000	Copper	700	2000	100	0.026	6.91
LFD-WC-850/2500	Copper	850	2500	100	0.018	8.25
LFD-WC-1000/3000	Copper	1000	3000	100	0.011	9.65
LFD-WC-1200/3500	Copper	1200	3500	100	0.009	11.42
LFD-WC-1600/4500	Copper	1600	4500	100	0.008	14.99
LFD-WC-1800/5000	Copper	1800	5000	100	0.007	16.75

The neutral wire sheath is yellow-green
Sheath standard temperature range: -20℃--70℃
Sheath high temperature : -10℃ --115℃
Sheath low temperature : -40℃ --85℃

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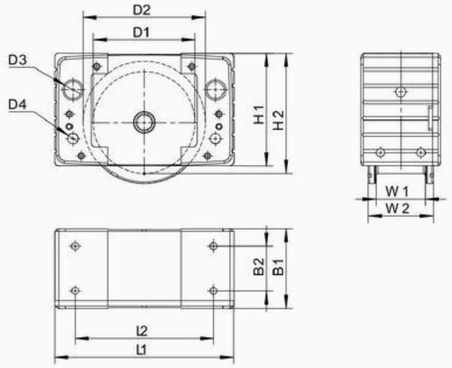
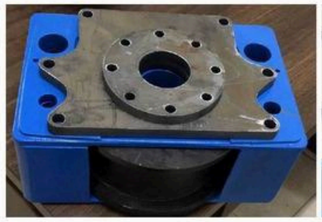
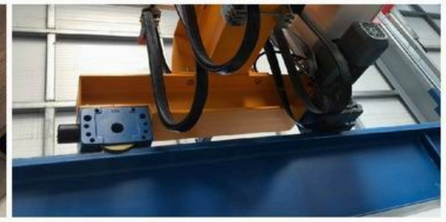
ACE CRANE
ACE KAWASAKI CRANE INDIA
BY: JD VARDHAN GROUP OF INDUSTRIES

DMG WHEEL BLOCK







Specifications

DMG125	Load (KN)	D (DIN 5480)	a1 (mm)	a2 (mm)	a3 (mm)	a4 (mm)	a5 (mm)	a6 (mm)	a7 (mm)	d1 (mm)	d2 (mm)	d3 (mm)	d4 (mm)	d5 (mm)	b1 (mm)	b2 (mm)	W1 (mm)	W2 (mm)	H1 (mm)	H2 (mm)	Weight (kg)
DMG160	50	N30	175	175	20	40	-	170	220	125	150	13	21	M12	55	98	60	80	53.5	147.5	15.8
DMG200	70	N35	220	220	25	55	-	220	275	160	190	17	30	M16	55	110	70	90	70	187	27.8
DMG250	100	N45	200	275	35	75	-	275	340	200	230	20	35	M16	65	130	70	100	90	238	52.8
DMG315	160	N50	310	310	50	80	140	290	385	250	280	34	40	M16	80	150	80	110	89	281	80.7
DMG400	220	N65	370	370	70	80	180	360	470	315	350	40	50	M16	100	180	90	130	114	349.5	151.9
	300	N75	450	450	95	130	210	440	580	400	440	31	65	M20	120	215	110	155	144	440	224.3

ACE CRANE
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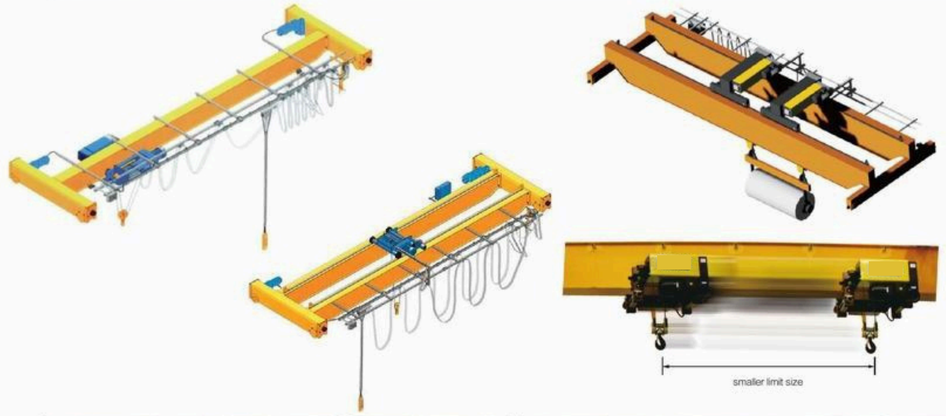

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