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For modification of product specification subjects to continuous betterment in development of FINEWORK products, no notice will be given separately.

YOUR MATERIAL HANDLING SPECIALIST



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FINework

Henan FineWork Cranes Co., Ltd

High efficiency, safety / 24H high quality service

ABOUT US

Henan FineWork Cranes Co.,Ltd is a professional manufacturer and service supplier of material handling equipment integrating R&D, design, manufacturing and marketing. Meanwhile, it is a whole-owned subsidiary of Henan ShengQi Machinery Group Co., Ltd; As the foreign trade department Of "ShengQi", our aim is to export all kinds of cranes and advanced technology to global market .

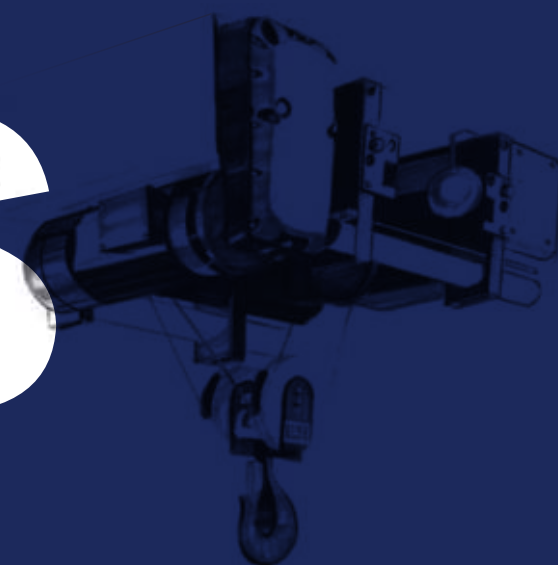
Henan ShengQi Machinery Group Co.,Ltd was founded in 1984, which is one of the most competitive enterprise with the largest production & sales turnover, it is also one of the most influential brand in Chinese crane industry. Our products include single & double girder overhead crane, gantry crane, electric hoist, bridge erection machine, rail transit machine, grab, and other types of crane like explosion-proof, insulation, electronic magnetic, frequency conversion, the metallurgy casting hoist crane, etc.

More than 2600 people are working in our company, including 300 senior engineers and technical staffs. The company covers 820,000m² and owns 570 millions of assets. We have all kinds of manufacturing equipments and detecting equipments for more than 650 sets. The annual output of double girder crane, gantry crane, grab bucket crane, single girder crane, and electric hoist is 320T, 2958 sets, 19723 sets, 24654 sets, respectively.

We have acquired the ISO19001: 2008/GB/T19001-2008, ISO14001-2004/GB/T24001-2004, GB/T28001-2001, CE, GOST, etc. Our products have been exported to USA, Britain, Japan, South Korea, Russia, Indonesia, Thailand, India, Vietnam and other countries and regions.

Innovation is unlimited with credit standing. All of our staffs welcome you to visit and cooperate with us. Let us create a beautiful living space with sincerity and wisdom to make win-win benefits come true.

FINework CRANES



European Style Electric Hoist



Excellent Performance
Safe and Reliable

Travelling system

Integrated design of gearbox, motor and brake, compact structure, stable operation, High efficiency and small impact.

Rope Guide

Made of engineering plastic nylon, light weight, excellent wear resistance, reducing the wear to the wire rope.

Drum

The material is Q345 seamless steel tube. The advanced machining ensures the drum concentricity. The depth of rope groove conforms to FEM.

Hook assembly

DIN standard hook with safety buckle and wire rope sheath.

Safety monitor

FINework star intelligent monitoring system is safe and practical with friendly man-machine interface and simple operation.

High performance wire rope

Imported high-performance wire rope with tensile strength 2160 N/m². Galvanized surface treatment make it corrosion resistance.

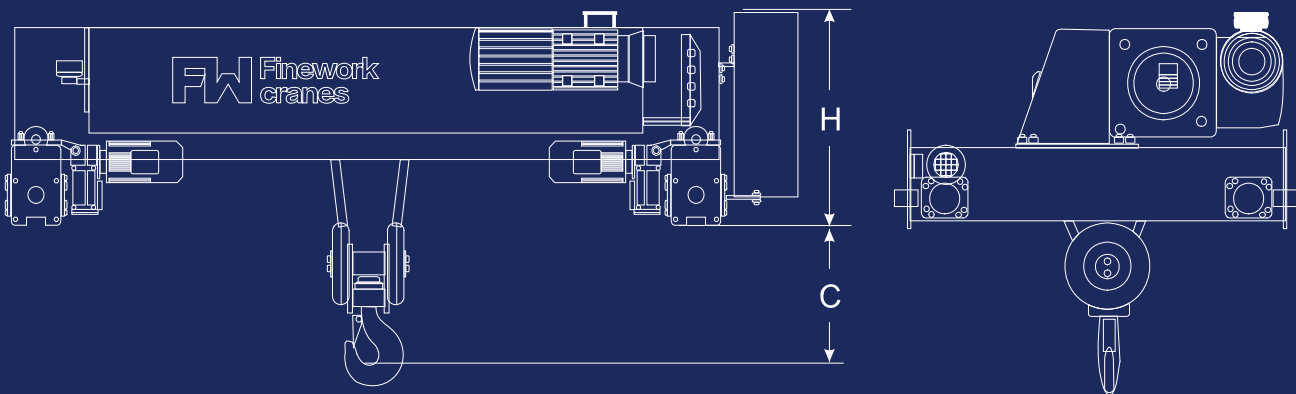
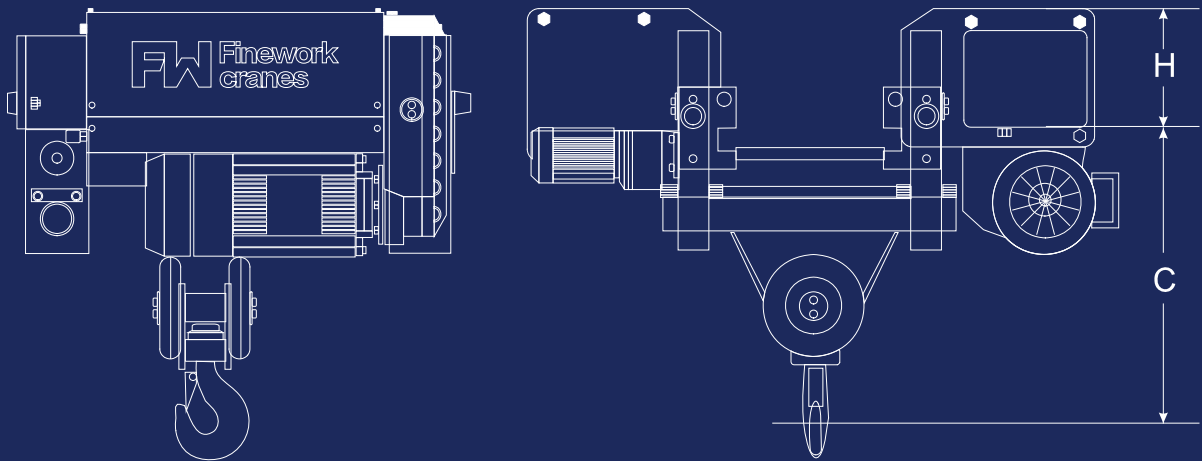
Height limiter

Freely adjustable screw lifting height limiter with high precision and wide adjustment range. Multi-touch configuration can effectively achieve the switching among fast, slow and stopping functions during rising and falling.

Configuration

All the motors and reducers are of world famous brand, such as ABM, SEW, SIEMENS, ABB and SCHNEIDER, etc.





Technical Parameters of Electric Hoist for FEH Single Girder Crane

CAPACITY (kg)	WORKING CLASS (FEM)	WORKING CLASS (ISO/GB)	LIFTING HEIGHT (m)	LIFTING SPEED (m/min)	TROLLEY SPEED (m/min)	H (mm)	C (mm)
1000	4m	M7	6/9/12/18	0.8/5.0	5~20	245	385
1250	3m	M6	6/9/12/18	0.8/5.0	5~20	245	385
1600	3m	M6	6/9/12/18	0.8/5.0	5~20	245	385
1600	4m	M7	6/9/12/18	1.3/8.0	5~20	245	385
2000	2m	M5	6/9/12/18	0.8/5.0	5~20	245	385
2000	3m	M6	6/9/12/18	1.3/8.0	5~20	245	385
2500	3m	M6	6/9/12/18	0.8/5.0	5~20	245	385
2500	3m	M6	6/9/12/18	1.0/6.3	5~20	245	385
2500	2m	M5	6/9/12/18	1.3/8.0	5~20	245	385
3200	2m	M5	6/9/12/18	0.8/5.0	5~20	245	385
3200	2m	M5	6/9/12/18	1.0/6.3	5~20	245	385
5000	2m	M5	6/9/12/18	0.8/5.0	5~20	266	495
5000	2m	M5	6/9/12/18	1.6/10	5~20	296	792
5000	3m	M6	6/9/12/18	1.3/8.0	5~20	296	792
6300	1Am	M4	6/9/12/18	0.8/5.0	5~20	266	495
6300	1Am	M4	6/9/12/18	1.3/8.0	5~20	266	495
6300	2m	M5	6/9/12/18	1.3/8.0	5~20	266	495
6300	3m	M6	6/9/12/18	1.0/6.3	5~20	266	495
8000	1Am	M4	6/9/12/18	1.3/8.0	5~20	296	792
8000	3m	M6	6/9/12/18	0.8/5.0	5~20	296	792
10000	1Am	M4	6/9/12/18	1.0/6.3	5~20	296	792
10000	2m	M5	6/9/12/18	0.8/5.0	5~20	296	792
10000	3m	M6	6/9/12/18	0.66/4.0	5~20	296	792
12500	1Am	M4	6/9/12/18	0.8/5.0	5~20	296	792
12500	2m	M5	6/9/12/18	0.6/4.0	5~20	296	792
12500	2m	M5	6/9/12/18	0.6/4.0	5~20	296	792

Technical Parameters of Electric Hoist for FHT Double Girder Crane

CAPACITY (kg)	WORKING CLASS (FEM)	WORKING CLASS (ISO/GB)	LIFTING HEIGHT (m)	LIFTING SPEED (m/min)	TROLLEY SPEED (m/min)	H (mm)	C (mm)
2000	2m	M5	6/9/12/18	0.8/5.0	5~20	230	350
3200	2m	M5	6/9/12/18	0.8/5.0	5~20	230	350
5000	2m	M5	6/9/12/18	0.8/5.0	5~20	230	350
5000	2m	M5	6/9/12/18	0.8/5.0	5~20	230	350
8000	3m	M6	6/9/12/18	0.8/5.0	5~20	540	360
10000	1Am	M4	6/9/12/18	1.0/6.3	5~20	540	360
10000	2m	M5	6/9/12/18	0.8/5.0	5~20	540	360
10000	3m	M6	6/9/12/18	0.66/4.0	5~20	540	360
12500	1Am	M4	6/9/12/18	0.8/5.0	5~20	540	420
12500	1Am	M4	6/9/12/18	1.0/6.3	5~20	540	420
12500	2m	M5	6/9/12/18	0.6/4.0	5~20	540	420
16000	2m	M5	6/9/12/18	0.66/4.0	5~20	640	480
20000	1Am	M4	6/9/12/18	0.66/4.0	5~20	640	480
20000	2m	M5	6/9/12/18	0.53/3.4	5~20	640	480
20000	3m	M6	6/9/12/18	1.0/4.2	5~20	790	620
25000	1Am	M4	6/9/12/18	0.53/3.4	5~20	790	620
25000	2m	M5	6/9/12/18	0.8/3.3	5~20	790	620
25000	2m	M5	6/9/12/18	1.0/4.2	5~20	790	620
32000	2m	M5	6/9/12/18	0.8/3.3	5~20	790	620
32000	2m	M5	6/9/12/18	0~4.9	5~20	895	980
40000	1Am	M4	6/9/12/18	0~4.9	5~20	895	980
50000	2m	M5	6/9/12/18	0~3.2	5~20	895	980
50000	1Am	M4	6/9/12/18	0~4.0	5~20	895	980
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



SINGLE GIRDER OVERHEAD CRANE

The single girder overhead crane is cheap but with advanced technology. It has the features of strong rigidity, light weight, reducing the crane rail load, superior design, and prominent traveling system which make it to be your best choice. It can meet your various requirements and make your working efficient and reliable. The max. lifting capacity is 20 tons.

- A. The main load-bearing girder is in box type with computer optimization design.
- B. The end carriage is in anti-torsion box type.

- C. The connection between main girder and end carriage conform to the tolerance in mechanical engineering, which reduce the wear to the minimum.
- D. The height with chain hoist or wire rope hoist is small, which make the hook near the border and increase the service area.
- E. High flexible flat cable power supply to the trolley with ground protection.
- F. Anti-swaying function ensures the stable operation.

Technical Parameters of CXTS Single Girder Overhead Crane

CAPACITY (kg)	WORKING CLASS (FEM)	WORKING CLASS (ISO/GB)	LIFTING HEIGHT (m)	SPAN / (m)	LIFTING SPEED (m/min)	TROLLEY SPEED (m/min)	CRANE SPEED (m/min)
2000	1AM-4M	M3-M6	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5	0.8/5	2~20	3~30
3200	1AM-4M	M3-M6	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5	0.8/5	2~20	3~30
5000	1AM-4M	M3-M6	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5	0.8/5	2~20	3~30
6300	1AM-4M	M3-M6	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5	0.8/5	2~20	3~30
8000	1AM-4M	M3-M6	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5	0.8/5	2~20	3~30
10000	1AM-4M	M3-M6	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5	0.8/5	2~20	3~30
12500	1AM-3M	M3-M5	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5	0.8/5	2~20	3~30
16000	1AM-3M	M3-M5	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5	0.66/4	2~20	3~30
20000	1AM-3M	M3-M5	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5	0.66/4	2~20	3~30

DOUBLE GIRDER OVERHEAD CRANE

DOUBLE GIRDER OVERHEAD CRANE

The double girder overhead crane has excellent ratio of dead weight/load capacity. Its reasonable structure ensures the good running status and reduces the wear. The hook can be risen to the middle between the two main girders, which greatly improves the lifting height. According to customer’ s request, the crane can be in remote control or cab control. As an option, maintenance walkway and trolley maintenance platform is available, which is not only convenient for the maintenance, but also convenient for the maintenance personnel rapidly and safely accesses to the other devices in workshop, such as lighting equipment, heating and power pipeline, etc. The max. lifting capacity is 500 tons.

Advantages and Features:

- A. High efficient work due to double girder design and high speed running of trolley and crane;
- B. Light weight save the invest cost.
- C. Available options
 - maintenance platform
 - Cab control
- D. Anti-swaying function ensures the stable operation.



Technical Parameters of CTXD Double Girder Overhead Crane / MG Gantry Crane

CAPACITY (kg)	WORKING CLASS (FEM)	WORKING CLASS (ISO/GB)	LIFTING HEIGHT (m)	SPAN / (m)	LIFTING SPEED (m/min)	TROLLEY SPEED (m/min)	CRANE SPEED (m/min)
2000	1AM-4M	M3-M6	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5	0.8/5	2~20	3~30
3200	1AM-4M	M3-M6	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5	0.8/5	2~20	3~30
5000	1AM-4M	M3-M6	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5	0.8/5	2~20	3~30
6300	1AM-4M	M3-M6	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5	0.8/5	2~20	3~30
8000	1AM-4M	M3-M6	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5	0.8/5	2~20	3~30
10000	1AM-4M	M3-M6	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5	0.8/5	2~20	3~30
12500	1AM-3M	M3-M5	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5	0.8/5	2~20	3~30
16000	1AM-3M	M3-M5	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5	0.66/4	2~20	3~30
20000	1AM-3M	M3-M5	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5	0.66/4	2~20	3~30
25000	1AM-3M	M3-M5	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5	0.8/3.2	2~20	3~30
32000	1AM-3M	M3-M5	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5	0.8/3.2	2~20	3~30
40000	1AM-3M	M3-M5	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5	0.8/3.2	2~20	3~30
50000	1AM-3M	M3-M5	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5	0.8/3.2	2~20	3~30
63000	1AM-3M	M3-M5	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5	0-2.9	2~20	3~30
80000	1AM-2M	M3-M4	6/9/12/15/18	10.5/13.5/16.5/19.5/22.5/25.5/28.5	0-2.9	2~20	3~30

GANTRY CRANE

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 tons. The gantry crane has the features of easy maintenance, high reliability and safety, and easy installation. It can meet material handling without changing the plant structure.

Advantages and Features:

- A. Compact design
- B. Rapid and stable loading
- C. More safe and reliable, maintenance-free design.



SINGLE/DOUBLE GIRDER SUSPENSION CRANE

SINGLE / DOUBLE GIRDER SUSPENSION CRANE

The single/double girder suspension 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 tons.

Advantages and Features:

- A. The end carriage is optimized design according to reasonable structure
- B. Box type main girder
- C. The heavy objects can be moved rapidly to the place near the plant wall due to the unique design of main girder terminal.
- D. Anti-swaying function ensures the stable operation



JIB CRANE

JIB CRANE

Lifting capacity: 0.5–5T

Rotation angle: 180° , 270° , 360°

Working class: A3, A4, A5, A6

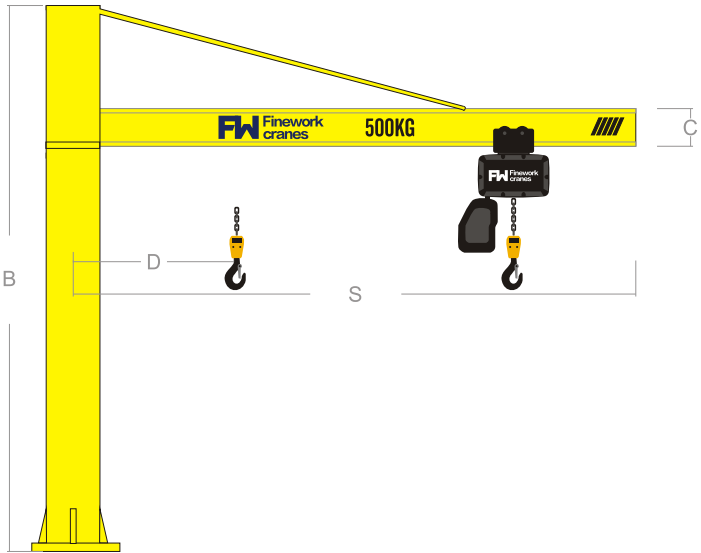
Advantage: easy to install and remove,
available for operation in small space.

Description:

The product rotation is electric operated, which make the object positioning easily, rapidly and efficiently. For certain process and flexibility, the cantilever can be in I-shaped steel or KBK rail. The ground for installing jib crane shall be concrete C20 structure generally. Within the range of 1t and 3m cantilever length, embedded part connection is adopted usually. Jib crane provide the fine working covering area, especially for the round working area. It also can be used to combine with tool balancer, pneumatic balancer, vacuum lifting tool and hoist, etc. With the characteristics of high efficiency, energy saving, convenience, small occupation area, easy operation and maintenance, it is special suitable for the occasions of short distance, frequent use, and intensive lifting work. It is a kind of practical light duty lifting equipment which can be installed in any place you can imagine.



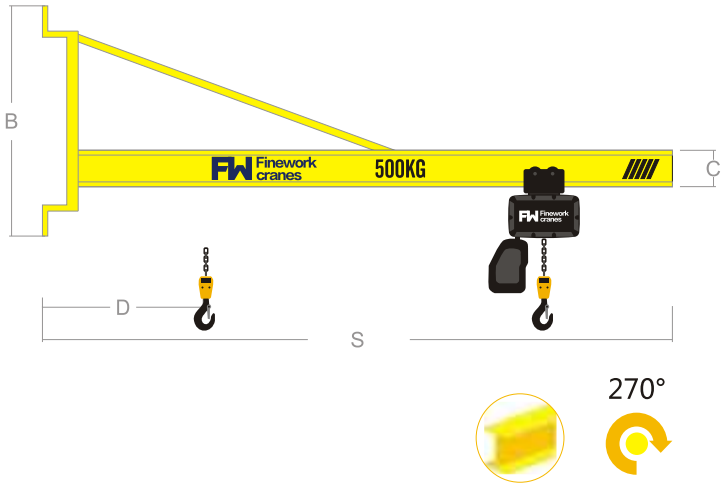
FINework FCJ Column Jib Crane



▲
The Max Weight : 10,000kg
Rotary By : Manually or Motorized

Capacity (S.W.L) (kg)	S (mm)	B (mm)	C (mm)	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

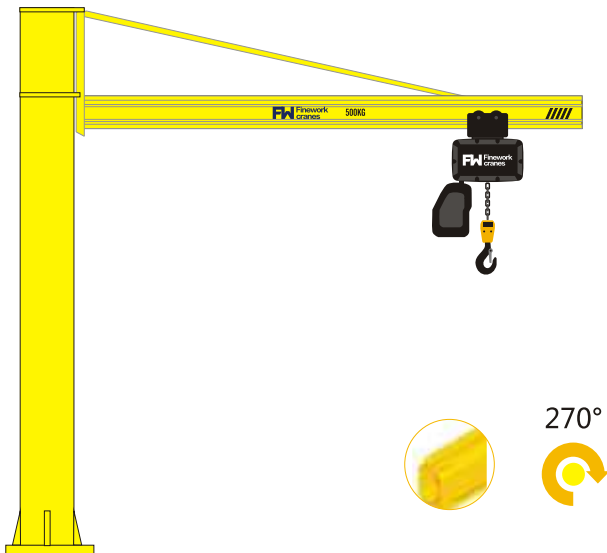
FINework FWJ Wall Mounted Jib Crane



▲
The Max Weight : 5,000kg
Rotary By : Manually or Motorized

Capacity (S.W.L) (kg)	S (mm)	B (mm)	C (mm)	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

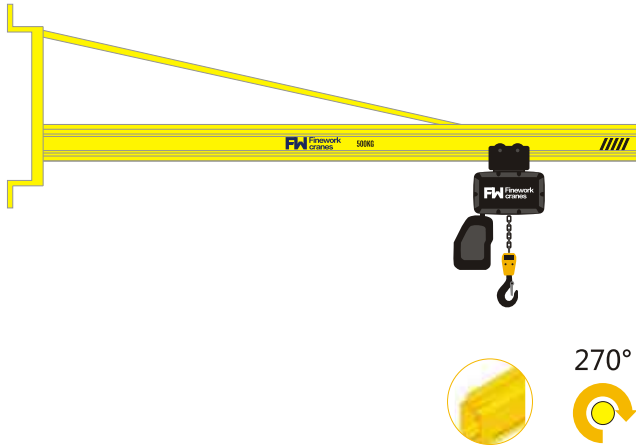
FINework FCJ-S
Flexible Girder Column Jib Crane



▲
The Max Weight : 2,000kg
Rotary By : Manually or Motorized

Capacity (S.W.L) (kg)	S (mm)	B (mm)	Profile Type	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

FINework FWJ-S Wall Mounted Jib Crane



▲
The Max Weight : 2,000kg
Rotary By : Manually or Motorized

Capacity (S.W.L) (kg)	S (mm)	B (mm)	Profile Type	D (mm)	Net Weight (kg)
125	2000	960	UKA20	90	60
125	4000	960	UKA20	90	88
125	6000	960	UKA30	110	201
125	8000	960	UKA30	110	252
250	2000	960	UKA20	90	60
250	4000	960	UKA30	110	151
250	6000	960	UKA30	110	201
250	8000	1410	UKA40	110	439
500	2000	960	UKA30	110	102
500	4000	960	UKA30	110	151
500	6000	1410	UKA40	110	360
500	8000	1410	UKA40	110	439
1000	2000	960	UKA30	110	102
1000	4000	1410	UKA30	110	282
1000	6000	1800	UKA40	110	360
1600	2000	1410	UKA40	235	206
1600	4000	1800	UKA40	235	282
2000	2000	1410	UKA40	235	206
2000	3000	1800	UKA40	235	244

KBK SUSPENSION

MONORAIL



1. Steel frame bearing structure

For gantry type steel structure:

- It can even be built in facilities where the workshop ceiling and roof structures cannot bear loads.
- Flexible planning and structure.

3. Turntables

Turntables make it possible to change direction in a minimum of space:

- Integrated mechanical locking devices prevent trolleys from leaving or entering the turntable section while it is turning.
- Turntables can be manually or electrically operated.

5. Trolleys

- Fitted with bearing-mounted plastic wheels, push travel trolleys are easy to move.
- The rollers are maintenance-free and designed for a long service life. They effectively absorb all impacts and are silent-running.

6. The extending section

Save the maintenance time and cost:

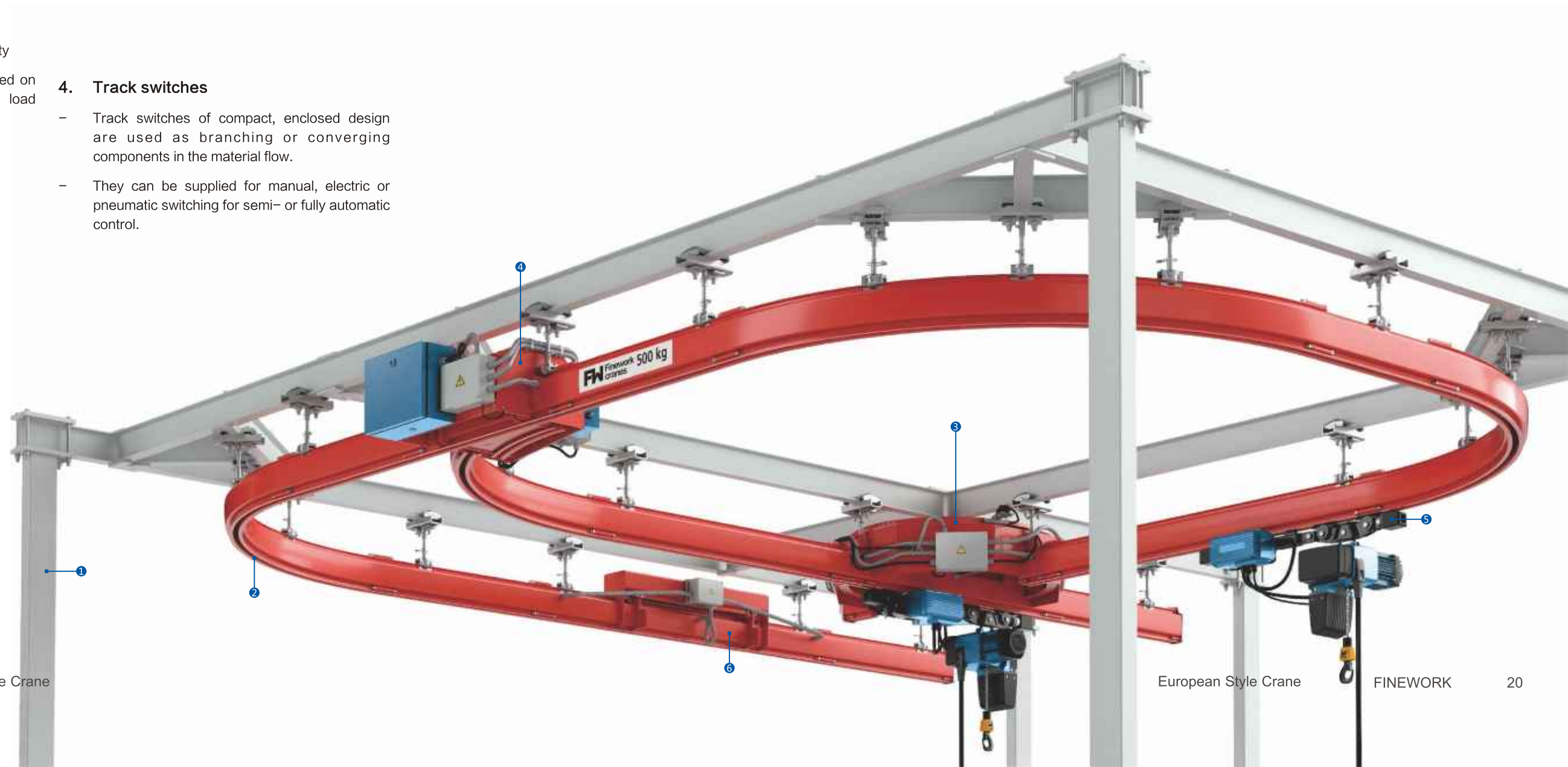
- Install or disassemble trolley rapidly
- The extending part can be used as installation position
- During enclosed status, the trolley can travel under full load, therefore it is easy to be integrated to the rail under the best position.

2. Straight rail and curved rail

- Light dead weight, high strength, fine rigidity
- High precision, travelling wheel is equipped on the inner side or outside according to load capacity.

4. Track switches

- Track switches of compact, enclosed design are used as branching or converging components in the material flow.
- They can be supplied for manual, electric or pneumatic switching for semi- or fully automatic control.



ALUMINUM ALLOY RAIL 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 powerfeed arrangement without the need for additional power supply fittings – also for more than two cranes on one track.