



BZ model Pillar Mounted Jib Crane



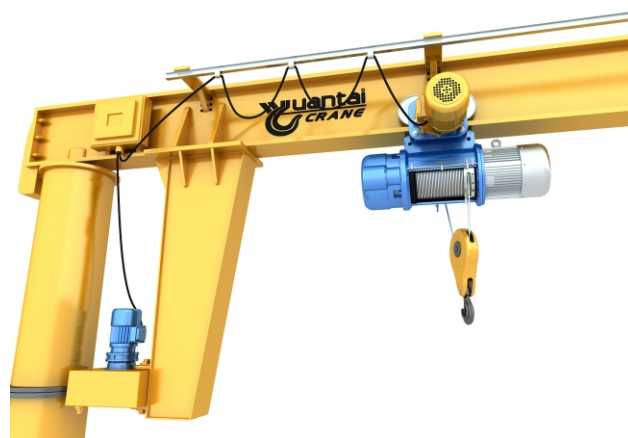


Product Overview

Pillar mounted jib crane, also called column jib crane, is a small and medium-speed lifting equipment developed recently. It has characteristics of unique structure, safe and reliable operation, high efficiency, energy saving, time-saving, effort-saving, and flexibility. It is superior in the cases of short distance, concentrated lifting. It is widely used at various sites for various trades.

Supply Scope

- ✎ Lifting capacity: 500-16,000 Kg
- ✎ Working Radius: 1.5-6.5 m
- ✎ Lifting height: 3/6/9 m
- ✎ Voltage: 220-660V 50/60Hz 3Phase
- ✎ Working class: ISO A3-A4
- ✎ Ambient temperature: -20~+40℃



Note: For non-standard specifications, please talk to your sales representative for consultation on customized product service.

Product usage

- ✎ Power source is three-phase alternating current, swing and lifting also can be designed as manual type.
- ✎ The altitude height of site is ought to be less than 2000m.
- ✎ Flammable, explosive and corrosive gas are forbidden in the working environment.
- ✎ The Crane is forbidden to lift fuse and blend deleterious article and flammable explosive article.

Product advantages

- ✎ Installation with high strength bolt connection.
- ✎ Convenient in operation, safe and turn to flexible.
- ✎ Low noise.
- ✎ High quality and efficiency, competitive price.
- ✎ Reasonable and simple structure, light self-weight.

Composition

Mechanism

- Box-type shaped by welding;
- High quality carbon steel Q235B (Q345B optional);
- The girder connected by high strength bolts;
- Welding seams are tested by X-ray and ultrasound;
- Forged wheels;
- Compact structure, small volume and light weight trolley;
- Lifting mechanism is electric hoist;
- Compact reducer motor drive, hardened gears and safety disc brake;
- Main girders Shot blasting sa2.5 after welding to release internal stresses;
- Painting high quality epoxy zinc-rich primer, and the thickness of oil film is 140 μ m.

Safety protection devices

- Overload Limit Switch
- Rubber Buffers
- Electric Protective Devices
- Emergency Stop System
- Voltage Lower Protection Function
- Current Overload Protection System
- Rail Anchoring
- Lifting Height Limit Device





Electric system

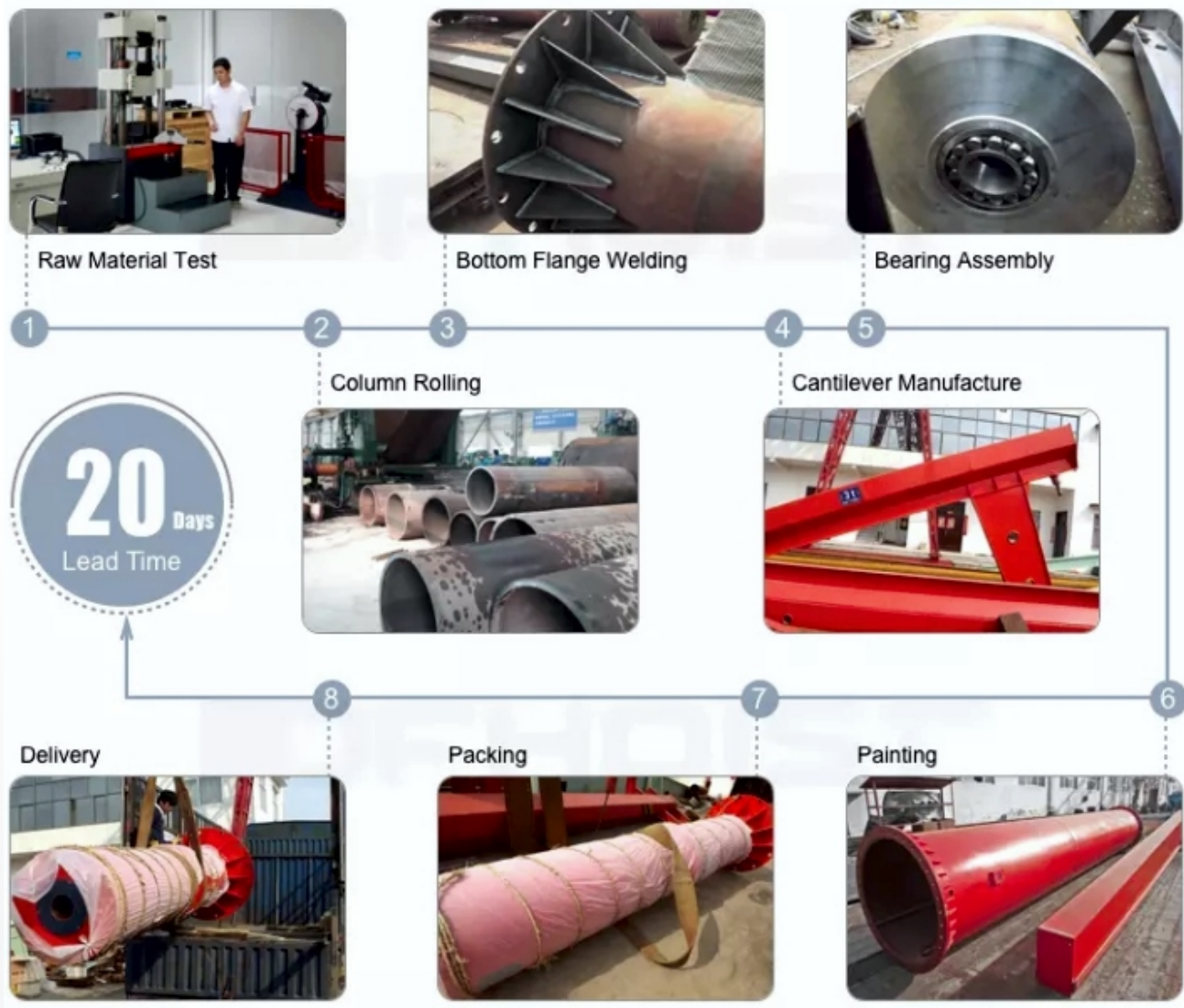
- Power supply through step less slide lines;
- Lifting mechanisms and traveling mechanisms are mutually independent and could travel at the same time;
- Control panel protection degree is IP54;
- Reasonable components installation, convenient for check and maintenance;
- Electric cable is suspended in cable saddle, stationary cable trolley which slides on a galvanized C-type steel;

Control options

- Pendant control (recommended for lifting height less than 9 meters)
- Remote control (range: 100m)



Production process

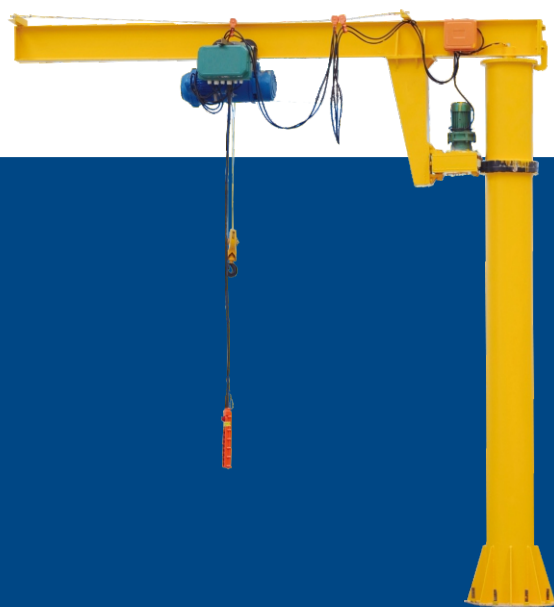


Note: For non-standard specifications, please talk to your sales representative for consultation on the lead time.

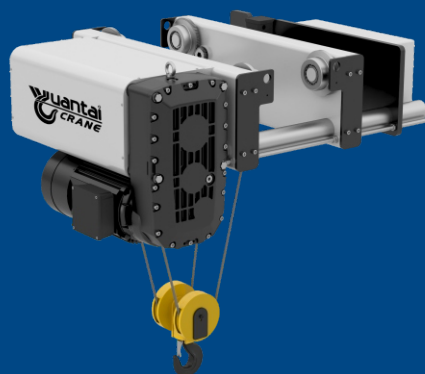
Hoist Option

Pillar mounted jib crane can be equipped with CD1(MD1) electric wire rope hoist, Euro-spec low headroom electric wire rope hoist, electric chain hoist and manual chain block.

CD1(MD1) electric hoist



Euro-spec low headroom electric hoist





Electric chain hoist



Jib crane for clean room

- The crane surface is chrome-plated.
- Electric chain hoist is fixed on the column.



Selection table

Lifting capacity	ton	0.5			1			2		
Lifting height	m	5	5.5	6	5	5.5	6	5	5.5	6
Working radius		4	4.5	5	4	4.5	5	4	4.5	5
Working duty	A3									
Speed	Hoisting	Slow speed	0.8							
		Normal speed	8							
	Slewing speed	0.7								
		Circulate speed	20							
Slewing angle	180° 270° 360° Any angle									
Max. height	m	5.93	6.43	6.93	5.987	6.487	6.987	5.28	5.78	6.28
Max. length		4.59	5.59	5.59	4.61	5.11	5.61	4.626	5.126	5.626
Total weight	Kg	1733	1933	2028	1860	1960	2229	2478	2613	2748

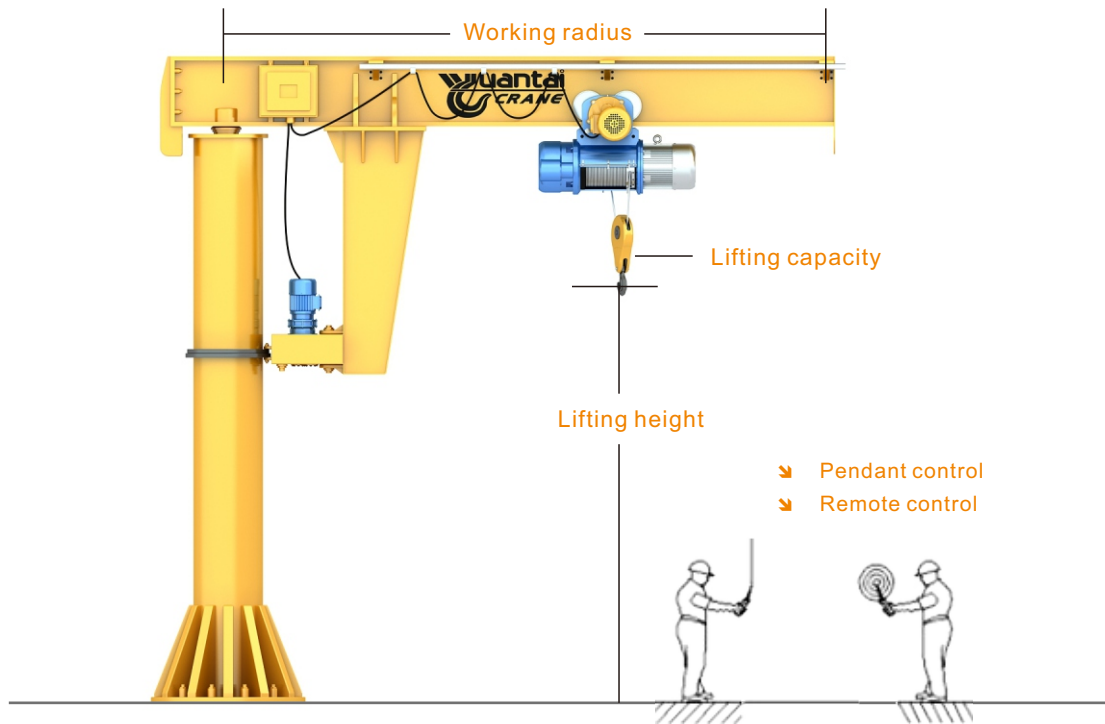
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Lifting capacity	ton	3		5	
Lifting height	m	4.5	5	4.5	5
Working radius		5	5.5	5	5.5
Working duty	A3				
Speed Hoisting Slow speed Normal speed Slewing speed Circulate speed	m(r)/min				
Slewing angle	180° 270° 360° Any angle				
Max. height	m	6254	6754	6522	7022
Max. length		6320	6820	5940	6440
Total weight	Kg	3577	3742	4224	4430

Photos View



Tailor your crane



- Lifting capacity: ton
- Lifting height: m
- Working radius: m
- Voltage: V Hz Phase
- Control Mode: A. Remote control B. Pendant Control
- Outdoor use or indoor use?
- What material will the crane lift?



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