



# BZ model Pillar Mounted Jib Crane





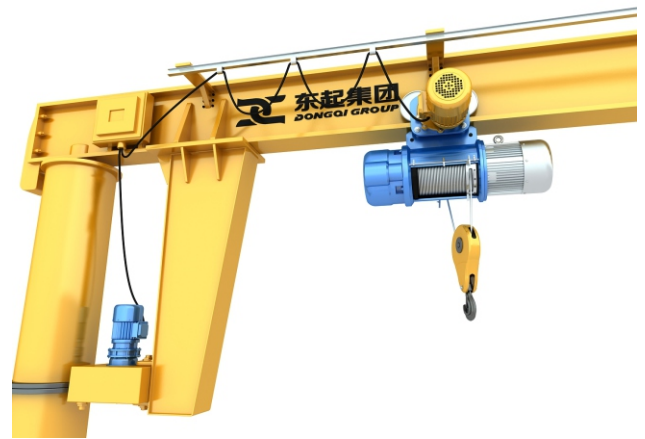
# Product Overview

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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°C



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

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## 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  $\mu$  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

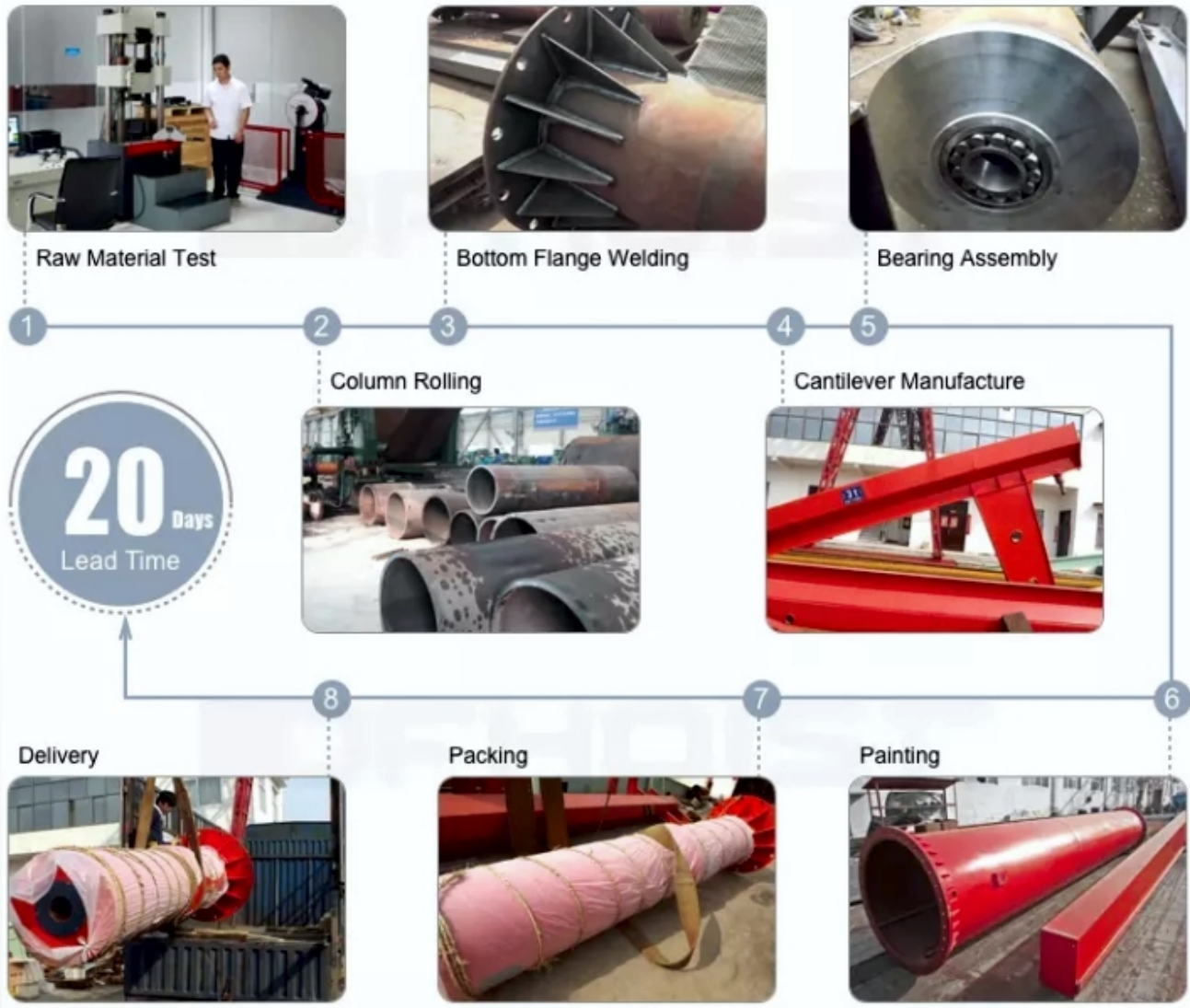
- Power supply through step less slide lines;
- Lifting mechanisms and traveling mechanisms are mutually independent and could travel at the same time;
- Control panel protection degree is IP54;
- Reasonable components installation, convenient for check and maintenance;
- Electric cable is suspended 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

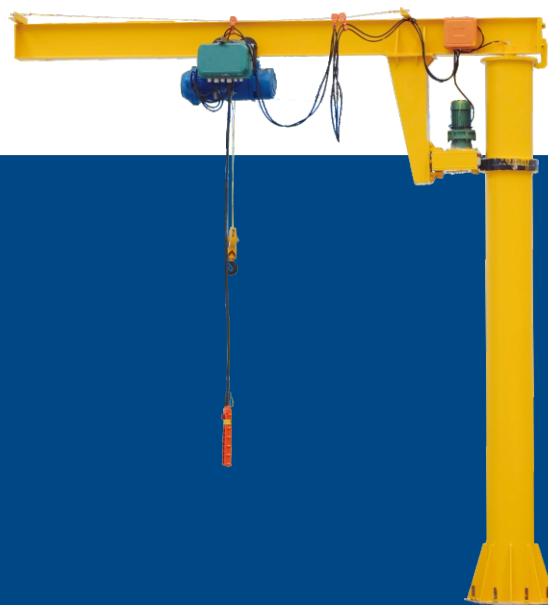


Note: For non-standard specifications, please talk to your sales representative for consultation on the lead time.

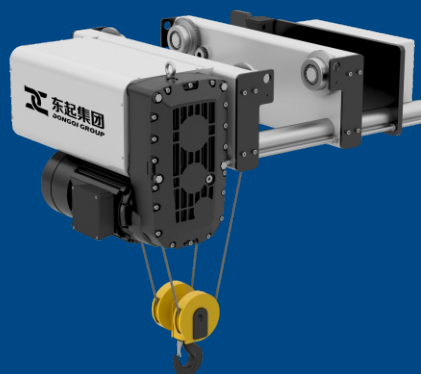
# Hoist Option

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	m	4	4.5	5	4	4.5	5	4	4.5	5
Working duty		A3								
Speed		0.8								
Hoisting	m(r)/min	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	m	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

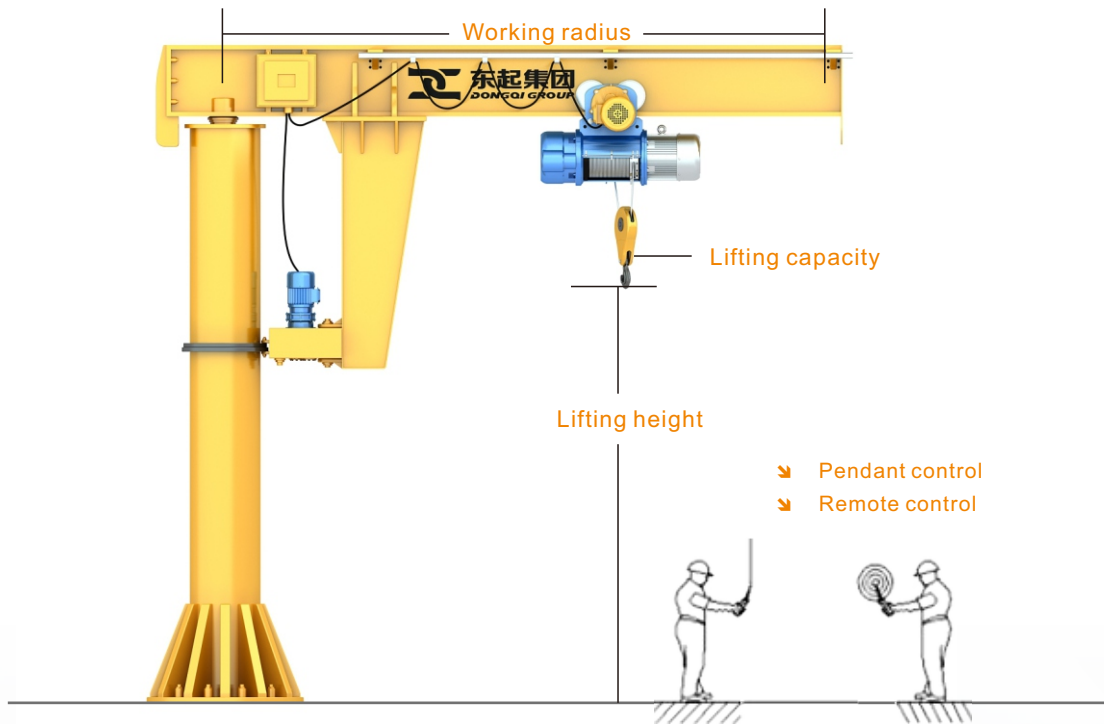
# BZ model jib crane

Lifting capacity	ton		3		5	
Lifting height	m		4.5	5	4.5	5
Working radius	m		5	5.5	5	5.5
Working duty	A3					
Hoisting	Slow speed	0.8				
	Normal speed	8				
Slewing speed	0.5-1					
Circulate speed	20					
Slewing angle	180° 270° 360° Any angle					
Max. height	m		6254	6754	6522	7022
Max. length	m		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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