

# O'BRIEN

INSTALLATIONS LIMITED  
CRANES • DOORS • SERVICE



**High Capacity Multi-Purpose  
Free Standing & Wall Mounted  
Jib Cranes**

# Most Extensive Line of Jib Cranes in North America

- Capacities up to 40,000 lbs
- Outreach ranges up to 65 ft
- Mast heights up to 40 ft
- Custom solutions available



## Company Profile

*O'Brien Installations Limited* is an independent manufacturer of Overhead Cranes, Jib Cranes, and a supplier of Industrial Doors and Dock Equipment, serving the industry for over 48 years. With multiple locations in Canada and a strong dealer network within Canada and the United States, we are able to provide you products where you need them.

Our exclusive partnership with Europe's leading jib crane manufacturer, *Vetter Krantechnik*, simply combines our wealth of experience and knowledge of crane building with the expertise in the best crane design in the world. With a relationship for over 25 years, we have worked closely together to provide you a top quality product. Together we have been able to provide you customized solutions that deliver return on your investment for years.

Our ability to understand your business in order to improve on operating efficiencies is how we provide you valuable solutions. From design to installation, we offer a total packaged solution catered towards your needs.

## Why Buy O'Brien?

### 1 Industry Experts

With over 48 years' of experience, we have the expertise to deliver a high quality, consistent product for you.

### 2 Engineered Solutions

Our engineers design the product to meet all structural requirements, meet safety standards and pass government inspections.

### 3 Unmatched Installations

We work with your staff to reduce down time, ensure worker safety and accomplish a prompt return to full operating capacity.

### 4 Extensive Dealer Network

Get the same quality product throughout Canada and the United States through our dealers.

### 5 Customer Service

Our highly trained team is available 24 hours a day, 7 days a week to ensure your productivity is not lost.

### 6 One Stop Shop

From design to installation, we provide you a total packaged solution to eliminate the need of multiple vendors.

# Quality Products with Turnkey Solutions

O'Brien Installations Limited is a leading supplier of jib cranes for over 48 years. We offer a wide variety of total packaged solutions to suit your needs. Every installation is carefully detailed to ensure that your application is installed properly the first time.

OVER  
**48**  
YEARS'  
EXPERIENCE

## Choosing Your Jib Crane

A jib crane improves material handling efficiency and increases work flow production, so choosing the right one could be difficult. In order to choose the right jib crane, you must define what you need listed below for your application.

### Capacity

The maximum weight of your application should not match or exceed the weight of your crane. When defining your capacity rating you must account for:

- +15% for the weight of the hoist and trolley
- +15% for the deflection of hoist and trolley
- +25% capacity allowance for impact

### Degree of Rotation

Free standing jib cranes offer up to 360° rotation and wall mounted types offer up to 180° rotation.

### Outreach Range

The distance from the boom tip to the hook, which will also define the working area needed.

### Crane Height

The height of the overall crane including attachments such as electrical entries.

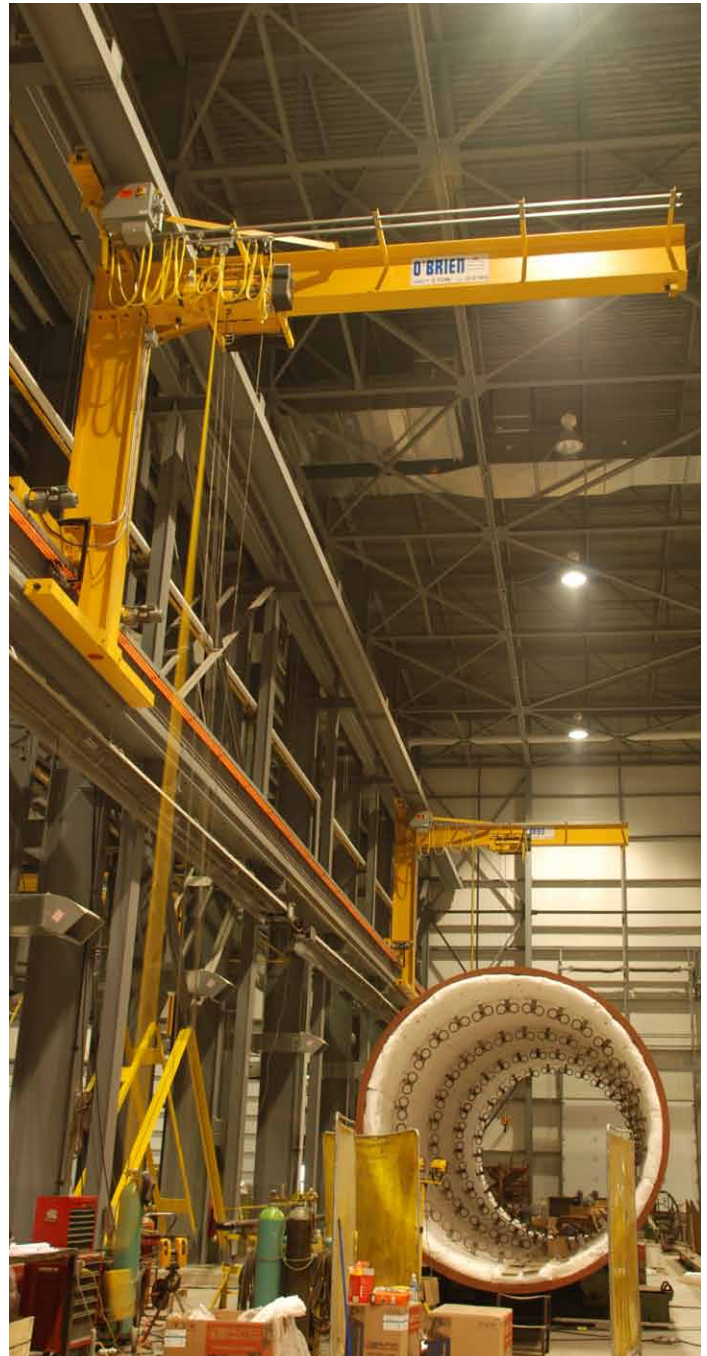
### Under Boom Height

Distance from the floor to the underside of the boom, which will determine the type of hoist required.

### Installation

Location will dictate the type of jib crane needed as free standing cranes require concrete foundations which sometimes costs more than the jib crane.

Our *Direct Mount Base Plate* option (available on some Jib Cranes) is a cost-effective way for mounting free standing jib cranes.



# CADET

The economical helper for every workstation



**Degree of Rotation**  
Nominal 180° - 270°

**Capacity Range**  
Up to 4,000 lbs

**Outreach Range**  
Up to 36 ft

**Custom Designs Available**

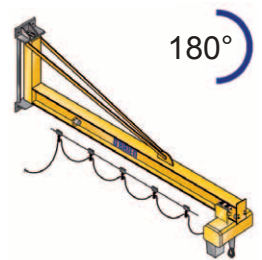
The free standing and wall mounted *Cadet* jib crane is designed for simple operational requirements. The *Cadet* is a cost-effective jib crane with light jib arm and over bracing. The total height can be adapted to meet individual requirements.

## Features

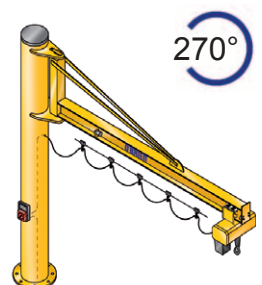
- DIN 15018 hoisting class: H2
- DIN 15018 loading group: B2
- Lightweight design
- Installation location: indoor / outdoor
- Inexpensive entry-level crane

Capacity in lbs	Outreach in ft															
	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36
150	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
250	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
500	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
1,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
1,500	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
2,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
3,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
4,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

Cadet Wall Mounted



Cadet Floor Mounted



# ASSISTANT

Adjustable options to fit your needs



**Degree of Rotation**  
Nominal 180° - 270°

**Capacity Range**  
Up to 4,000 lbs

**Outreach Range**  
Up to 36 ft

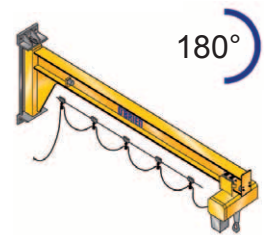
**Custom Designs Available**

The free standing and wall mounted *Assistant* jib crane has been designed as a compact, low-profile crane in order to achieve maximum lifting heights in low and narrow operating facilities. The column height can be adapted to fit room conditions.

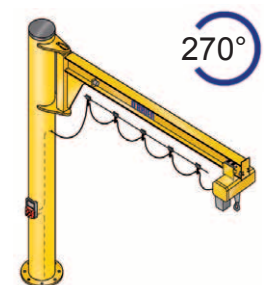
**Features**

- DIN 15018 hoisting class: H2
- DIN 15018 loading group: B2
- Lightweight design
- Installation location: indoor / outdoor
- Low-headroom cantilever design for efficient, large lifting height

Assistant Wall Mounted



Assistant Floor Mounted



		Outreach in ft															
		6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36
Capacity in lbs	150	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	250	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	500	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	1,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	1,500	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	2,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	3,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	4,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

# SERGEANT

## Optimize your space capabilities



**Degree of Rotation**  
Nominal 180°

**Capacity Range**  
Up to 20,000 lbs

**Outreach Range**  
Up to 48 ft

**Custom Designs Available**

The wall mounted *Sergeant* jib crane has a low headroom cantilever design used to feed machines in production halls or individual workstations. It relieves overhead cranes and other lifting equipment, accelerates the work-flow and reduces costly idle times of employees and machines. Fastened to hall beams made of steel or sufficiently reinforced concrete columns, it saves space.

### Features

- DIN 15018 hoisting class: H2
- DIN 15018 loading group: B3
- Medium-heavy design
- Installation location: indoor / outdoor
- Rotation with electrical pneumatic motorization possible
- Suitable for explosion protection in accordance with ATEX
- Low-headroom cantilever design for efficient large lifting height

Capacity in kgs	Outreach in ft																						
	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	
150	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
250	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
500	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
1,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
2,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
3,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
4,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
6,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
8,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
10,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
12,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
16,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
20,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

Sergeant Wall Mounted



# MAJOR

The best selling crane worldwide



**Degree of Rotation**  
Nominal 360°

**Capacity Range**  
Up to 40,000 lbs

**Outreach Range**  
Up to 40 ft

**Custom Designs Available**

The free standing *Major* jib crane has proven itself over 10,000 times! It is the world's best selling jib crane for indoor and outdoor applications. This crane can be used in nearly every workstation: for feeding machine tools, in stockyards, in power plants, steelworks, machine houses or sewage treatment plants. Electric chain hoists or electric wire rope hoists are deliverable. Thanks to its very extensive list of accessories, the *Major* model can be equipped to handle all requirements, even up to those of an independently operated automatic crane.

## Features

- DIN 15018 hoisting class: H2
- DIN 15018 loading group: B3
- Medium-heavy design
- Installation location: indoor / outdoor
- Rotation with electrical pneumatic motorization possible
- Suitable for explosion protection with ATEX
- Low-headroom cantilever design for efficient large lifting height

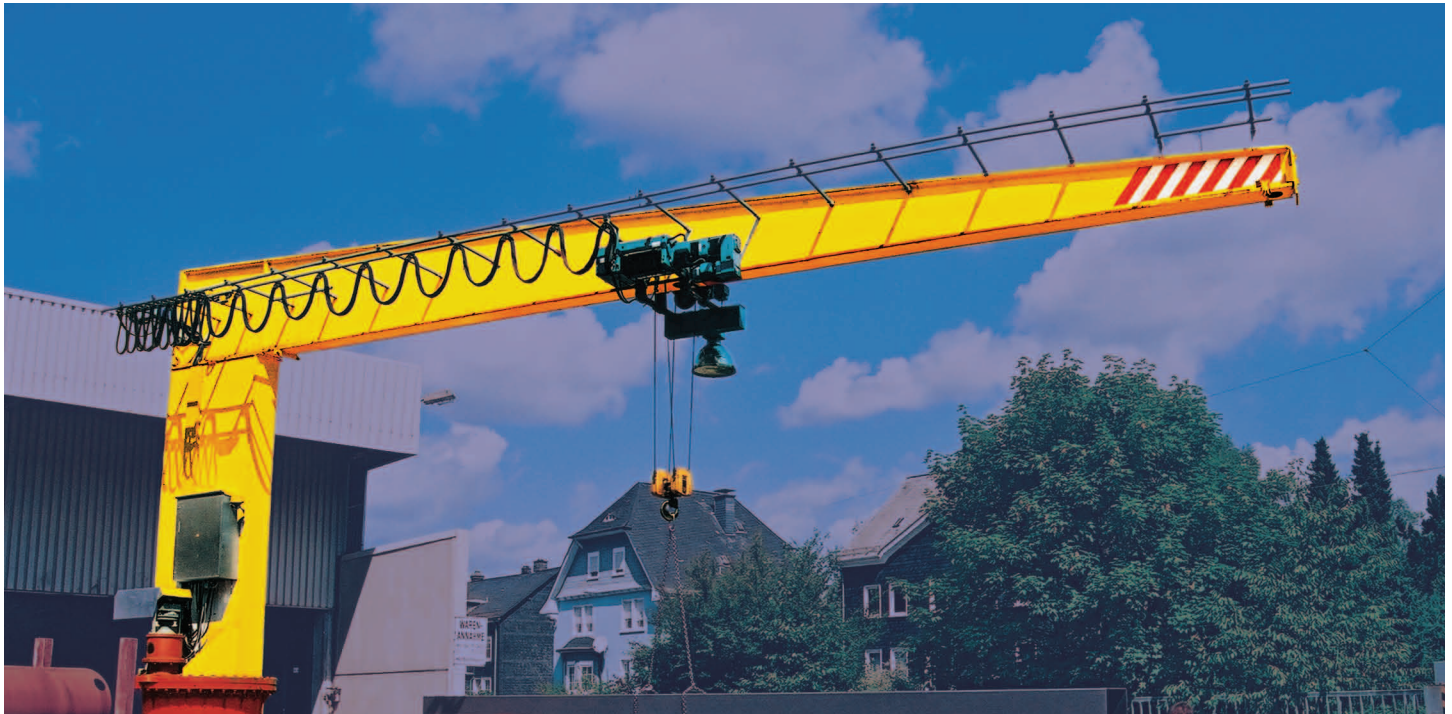
Capacity in lbs	Outreach in ft																	
	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
1,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
2,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
3,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
4,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
6,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
8,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
10,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
12,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
14,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
16,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
18,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
20,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
25,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
30,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
35,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
40,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

Major Floor Mounted



# BOSS

## Built for the toughest applications



**Degree of Rotation**  
Nominal 180°

**Capacity Range**  
Up to 40,000 lbs

**Outreach Range**  
Up to 65 ft

**Custom Designs**  
Available

The free standing *Boss* jib crane is helpful in more than just everyday applications in crane and lifting technology. These sophisticatedly engineered jib cranes are used not only in stockyards, power plants, smelting plants and foundries, but also on mining excavators, dredgers etc. The *Boss* jib crane is designed and built for the toughest, most difficult jobs.

### Features

- Classification according to DIN 15018 depending on mode of application and location of use
- Installation location: indoor / outdoor
- Rotation with electrical pneumatic motorization possible

Capacity in kgs	Outreach in ft																						
	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	65	
4,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
6,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
8,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
10,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
12,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
14,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
16,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
18,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
20,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
24,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
28,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
35,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
40,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

Boss Floor Mounted



# LANCER

## Flexible and rapid handling of work pieces



**Degree of Rotation**  
N/A

**Capacity Range**  
Up to 1,000 lbs

**Outreach Range**  
Up to 16 ft

**Custom Designs**  
Available

For the rapid handling of work pieces, tools or small parts, the *Lancer* articulating jib crane is available in free standing and wall mounted designs. The *Lancer* yields a high degree of rationalization when used as a handling device. An electric chain hoist or an electric telescopic load guide is available. By manual actuation on the load guide, the jib arm folds up, so every point in the work zone can be reached precisely and easily – the crane can practically rotate around the corner!

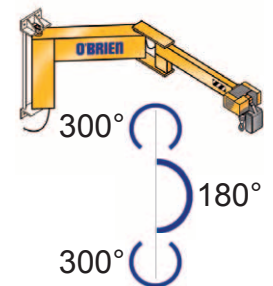
All cranes are supplied with a manual pivot resistance regulator as standard equipment. On request, compressed-air parking brakes are also available, which keep the jib arm in the chosen position. The *Lancer* can also be used to feed energy and air exhaust systems or as a welding set carrier.

### Features

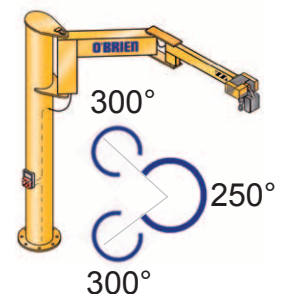
- DIN 15018 hoisting class: H2
- DIN 15018 loading group: B2
- Lightweight design
- Installation location: indoor

Capacity in lbs	Outreach in ft					
	6	8	10	12	14	16
150	■	■	■	■	■	■
250	■	■	■	■	■	■
500	■	■	■	■	■	■
1,000	■	■	■	■	■	■

Lancer Wall Mounted



Lancer Floor Mounted



# APPLICATION SPECIFIC JIB CRANES

## Made to increase your productivity



### WALL TRAVELLING JIBS

Degree of Rotation Nominal 280°	Capacity Range Up to 20,000lbs	Outreach Range Up to 48ft	Custom Designs Available
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The *wall-travelling* jib crane is the second transport level which carry goods independently from overhead travelling cranes. This guarantees unobstructed material handling in all directions. Wall-travelling jib cranes are often found in production halls where several workplaces have to be linked. The overleaping transport of parts from one workplace to another can be perfectly realized avoiding expensive and unnecessary idle times for workers and machinery. Runway girders are used as rail gathering horizontal and vertical forces and transmitting them onto the hall pillars.

#### Features

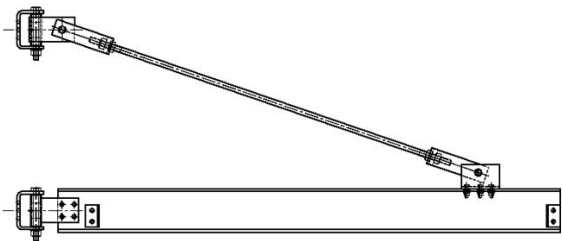
- Wall-travelling crane
- DIN 15018 loading group: B3
- DIN 15018 hoisting class: H2
- Installation location: indoor



### SERGEANT MAJOR JIBS

Degree of Rotation Nominal 360°	Capacity Range Up to 10,000lbs	Outreach Range Up to 24ft	Custom Designs Available
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The *Sergeant Major* is a low cost alternative to a free standing jib crane which rotates 360° without a large mounting foundation. Supports are needed from the top and bottom of the building.



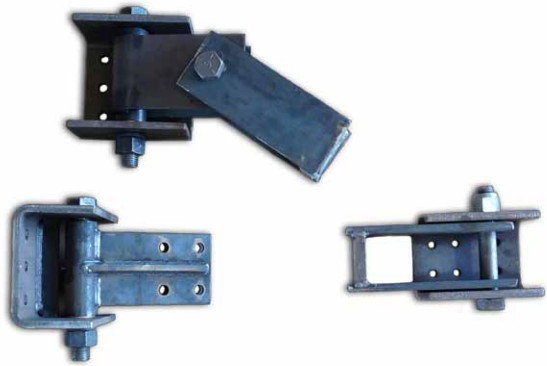
### TIE ROD JIB

Degree of Rotation Nominal 200°	Capacity Range Up to 10,000lbs	Outreach Range Up to 20ft	Custom Designs Available
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The *Tie-Rod Jib* is an economical heavy duty jib which is wall mounted to support an overhead crane or monorail system. Its simple design is cost effective and easy to install in any type of situation.

# PARTS & ACCESSORIES

## Maximize the potential of your jib crane

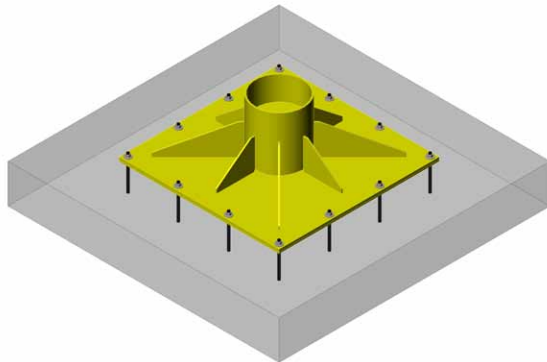


### HINGE KITS

Our *Hinge Kits* include everything that is needed to assemble a *Tie Rod Jib* yourself.

#### Kits include

- Upper Tie Rod Hinge
- Lower Boom Hinge
- Boom End Tie Rod Connector
- Detailed Instructions



### DIRECT MOUNT BASE PLATE

The best mounting system

Our *Direct Mount Base Plate* system is a cost-effective solution to mount your jib crane without expensive foundations.

#### Features

- No need to design and pour expensive foundations
- Safe crossing, because the gussets are low profile
- Registered Dynamic-Chemical Anchors; simple installation, fast commissioning
- Special frame for accurately defined and non-swinging support
- No grouting necessary when installed on flat horizontal surface
- Concrete floor with thickness of only 6" is required
- Available on Jib Cranes with capacities up to 2 Ton

