

**INDUSTRIAL CRANES**  
NUCLEAR CRANES  
PORT CRANES  
HEAVY-DUTY LIFT TRUCKS  
CRANE SERVICE  
MACHINE TOOL SERVICE

**JIB CRANES**

**KONECRANES®**  
Lifting Businesses™

# JIB CRANES



# BACKBONE OF WORK- STATIONS

KONECRANES 1.0 t



Jib crane is perhaps one of the most multipurpose pieces of lifting equipment. It supports overhead cranes on production lines and keeps workstations, machining cells and warehouses in operation. Being easy to install and having less structural limitations than many other material handling equipment, jib cranes are used widely in all customer segments, from small workshops to assembly lines, harbors and even nuclear plants.

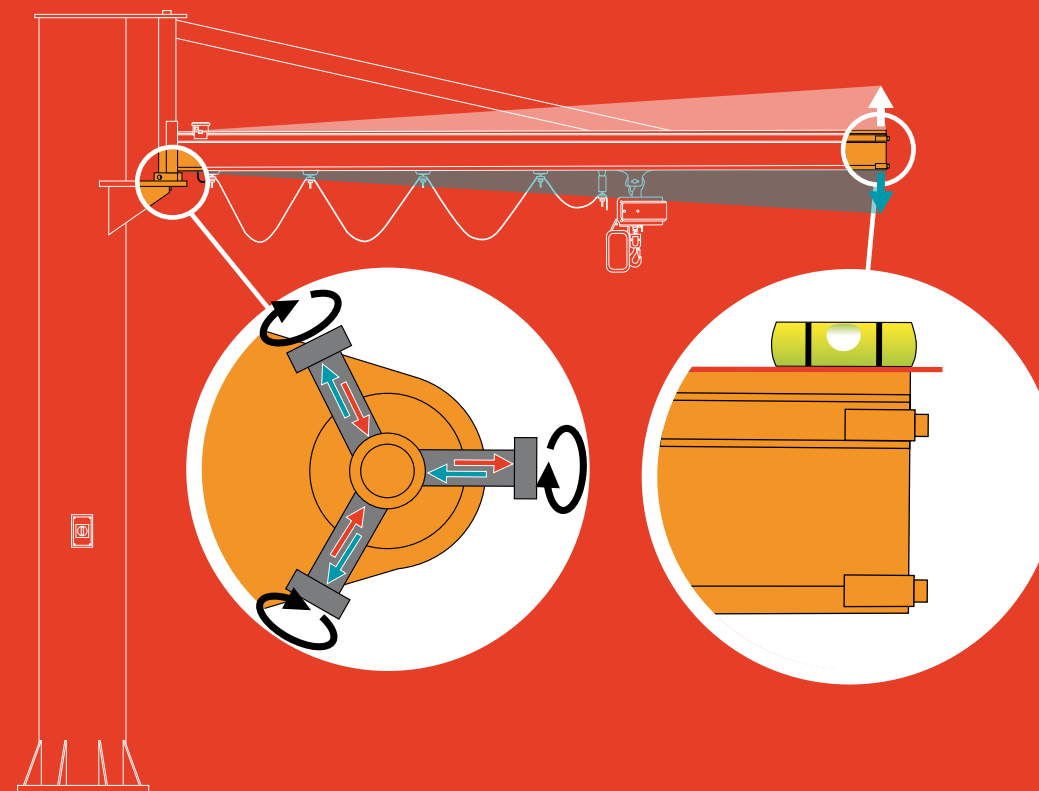
Konecranes utilizes this versatility with wide selection of different jib crane constructions, up to 2ton capacity as standard. Jib crane range includes solutions to all applications, and is supported by the world's largest crane service network.

## ADJUSTABLE CONSOLE BEARING

Konecranes introduces an adjustable console bearing for jib cranes as a standard product feature. This makes beam adjustment extremely easy and accurate, improving significantly the usability of the crane comparing with existing jib crane products in the market.

**Increased safety:** uncontrolled trolley and jib beam movements are minimized with simple and easy adjustment

**Short downtime:** installation and possible relocation of jib crane can be done quickly and easily, reducing production downtime



## SAFE & SOUND

**Konecranes' jib crane range has been designed keeping safety and comfort in mind.**

One of the many features is the main disconnect switch, located on pillar or with wall mounted models on the wall. Additionally, Konecranes' chain hoist of course includes a separate emergency stop button located on the hoist pendant.

Konecranes' unique adjustable console bearing allows easy horizontal beam adjustment during the commissioning process and even afterwards, unlike traditional jib cranes which require disassembly in case of erratic self-movement of the beam.

The accurate alignment of the beam minimizes the unintended beam and trolley movements when the crane is loaded. This reduces the possibility of damages to plant personnel and equipment.

The advanced UKA profile has been in use for decades globally as part of the well-known XM light crane systems. The profile is accurately dimensioned and light weight, which makes it smooth, silent and comfortable to use, making it a perfect fit also for the jib crane applications.

Hoist power feed line is equipped with cable trolleys and CSA/UL or CE approved 3-phase cables. Cable trolleys are placed either in the UKA profile, or on a C-track parallel to the jib beam when the underbraced I-beam model is selected.

Adjustable  
console  
bearing



Hollow type  
steel profile  
beam UKA



Hoist power  
feeding, flat  
cable under  
the profile



Base plate



Main disconnect switch

# WALL JIB CRANES

## IPUW & IPUP

### STANDARD FEATURES:

**Beam:** IPE, supported from bottom. Equipped with adjustable console bearing

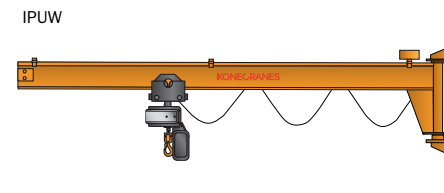
**Power feeding:** flat cable festoon on galvanized c-tracks, rising cable and main switch

**Hoist travelling:** as per chain hoist selection

**Jib slewing:** manual

**Fixing IPUW:** wall brackets, optionally pillar brackets

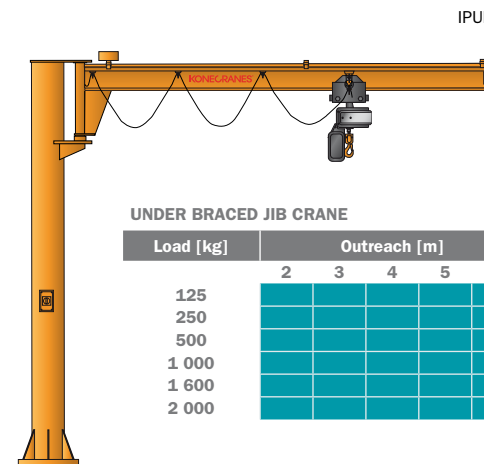
**Fixing IPUP:** standard base plate, optionally with large base plate or bolt cage



UNDER BRACED JIB CRANE

Load [kg]	Outreach [m]				
	2	3	4	5	6
125					
250					
500					
1 000					
1 600					
2 000					

# PILLAR JIB CRANES



UNDER BRACED JIB CRANE

Load [kg]	Outreach [m]				
	2	3	4	5	6
125					
250					
500					
1 000					
1 600					
2 000					

### TECHNICAL AND OPERATIONAL BENEFITS:

**Durability:** strong IPE profile beam together with festoon system on galvanized c-track equal as truly robust and durable jib crane product

**Low Headroom:** IPU crane construction allow very low headroom, making this crane type a perfect fit even at lower buildings

## IPOW & IPOP

### STANDARD FEATURES:

**Beam:** IPE, supported from top. Equipped with adjustable console bearing

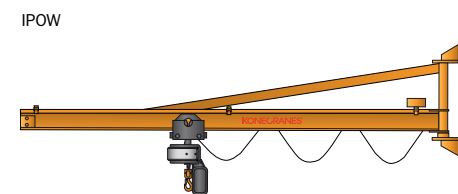
**Power feeding:** flat cable festoon on galvanized c-tracks, rising cable and main switch

**Hoist travelling:** as per chain hoist selection

**Jib slewing:** manual

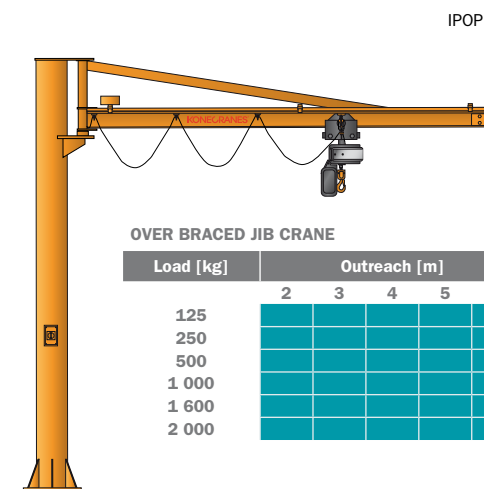
**Fixing IPOW:** wall brackets, optionally pillar brackets

**Fixing IPOP:** standard base plate, optionally with wide base plate or bolt cage



OVER BRACED JIB CRANE

Load [kg]	Outreach [m]				
	2	3	4	5	6
125					
250					
500					
1 000					
1 600					
2 000					



OVER BRACED JIB CRANE

Load [kg]	Outreach [m]				
	2	3	4	5	6
125					
250					
500					
1 000					
1 600					
2 000					

### TECHNICAL AND OPERATIONAL BENEFITS:

**Durability:** strong IPE profile beam together with festoon system on galvanized c-track equal as truly robust and durable jib crane product

**Approach dimensions:** IPO cranes have excellent hook approach dimensions on both ends of beam thanks to beam supported from top, providing larger available working area below the crane

## XMOW & XMOP

### STANDARD FEATURES:

**Beam:** XM hollow profile, supported from top. Equipped with adjustable console bearing

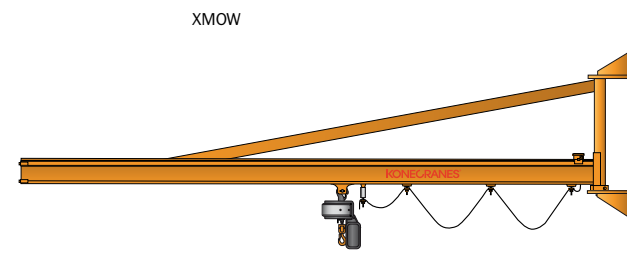
**Power feeding:** flat cable under profile + rising cable and main switch

**Hoist travelling:** manual push/pull trolley, optionally inverter controlled motor trolley

**Jib slewing:** manual

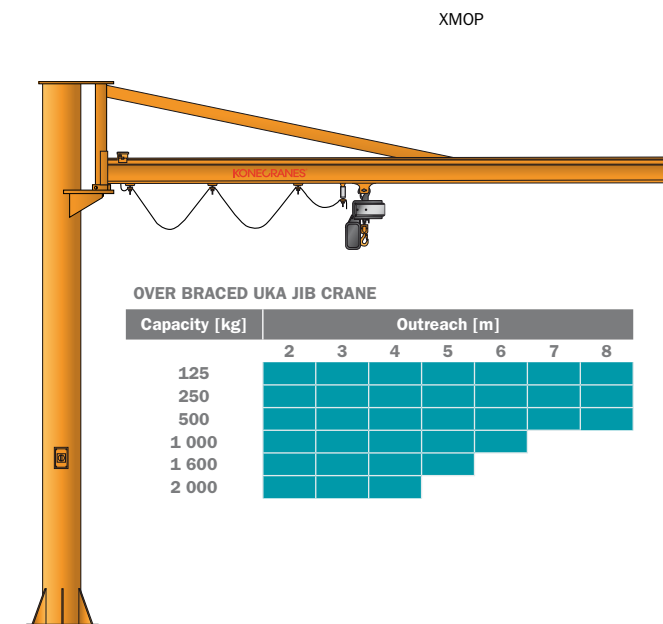
**Fixing XMOW:** wall brackets, optionally pillar brackets

**Fixing XMOP:** standard base plate, optionally with large base plate or bolt cage



OVER BRACED UKA JIB CRANE

Capacity [kg]	Outreach [m]							
	2	3	4	5	6	7	8	
125								
250								
500								
1 000								
1 600								
2 000								



OVER BRACED UKA JIB CRANE

Capacity [kg]	Outreach [m]							
	2	3	4	5	6	7	8	
125								
250								
500								
1 000								
1 600								
2 000								

### TECHNICAL AND OPERATIONAL BENEFITS:

**Ergonomics:** material handling is made easy and silent thanks to low profile weight, unique profile shape and low friction wheels, leading to higher efficiency and better working satisfaction

**Low deadweight:** XM profile beam is lighter comparing with IPE profile beams on markets, thus reducing stresses towards building structures

**Outreach dimension:** XMO cranes have excellent hook outreach dimension thanks to profile internal trolley and beam supported from top, providing larger available working area below the crane



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TOOL  
SERVICE



Konecranes is a world-leading group of Lifting Businesses™ offering lifting equipment and services that improve productivity in a wide variety of industries. The company is listed on NASDAQ OMX Helsinki Ltd (symbol: KCR1V). With over 10,000 employees at more than 570 locations in almost 50 countries we have the resources, technology and determination to deliver on the promise of Lifting Businesses™.

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