

INDUSTRIAL CRANES

NUCLEAR CRANES
PORT CRANES
HEAVY-DUTY LIFT TRUCKS
SERVICE
MACHINE TOOL SERVICE

JIB CRANES

KONECRANES®
Lifting Businesses™

JIB CRANES



BACKBONE OF WORK- STATIONS

KONECRANES 1.0 t

XN KONECRANES



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.

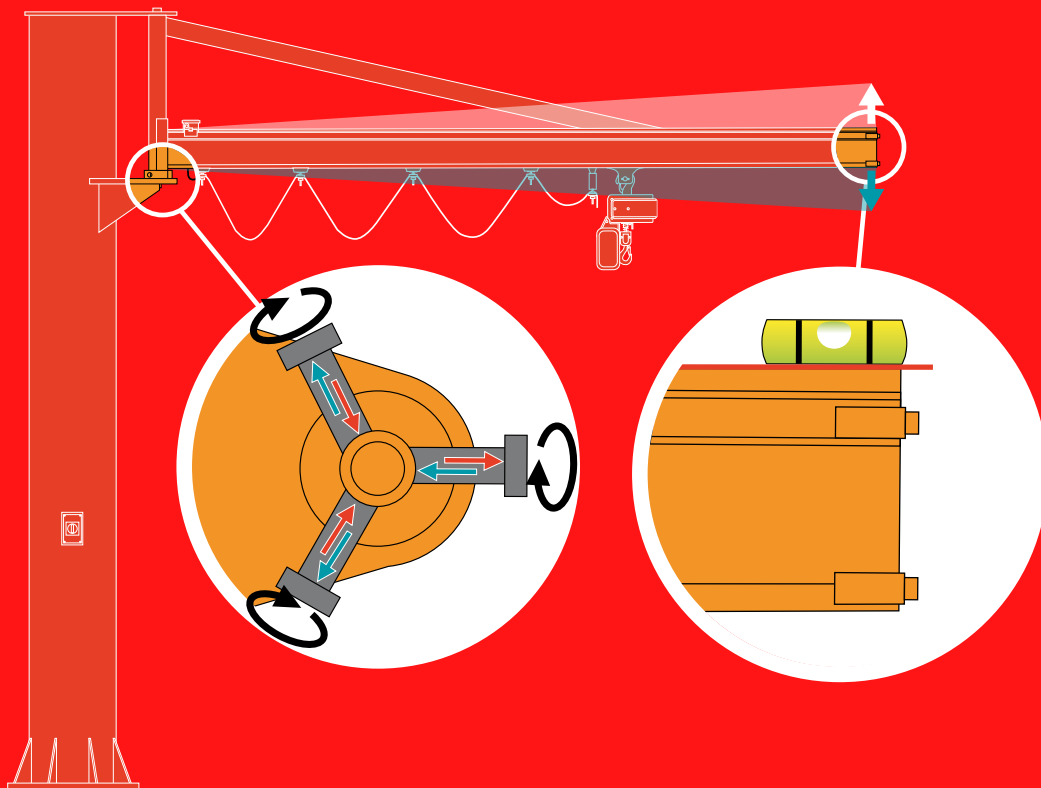
Konecranes utilizes this versatility with wide selection of different jib crane constructions, up to 2ton capacity as standard. Jib crane range includes solutions to all applications, and is supported by the world's largest crane service network.

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

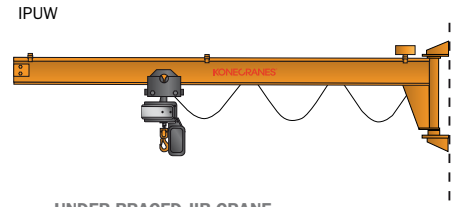
Power feeding: flat cable festoon on galvanized c-tracks, rising cable and main switch

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					

IPOW & IPOP

STANDARD FEATURES:

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

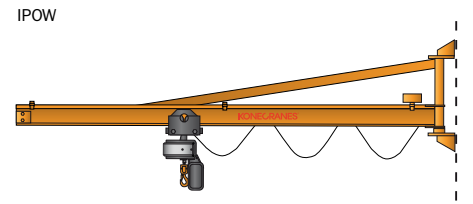
Power feeding: flat cable festoon on galvanized c-tracks, rising cable and main switch

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					

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

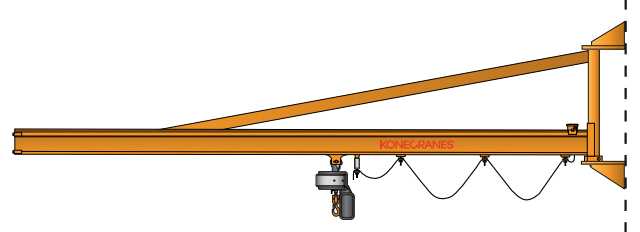
Hoist travelling: manual push/pull trolley, optionally inverter controlled motor trolley

Jib slewing: manual

Fixing XMOW: wall brackets, optionally pillar brackets

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

XMOW

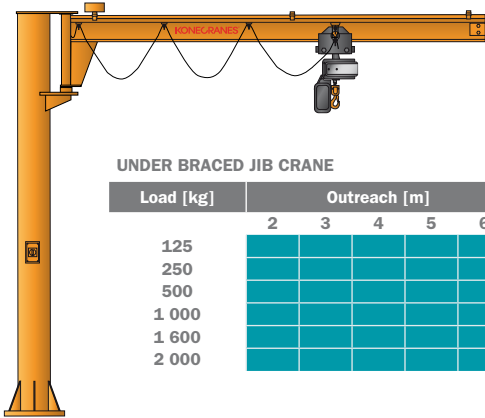


OVER BRACED UKA JIB CRANE

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

PILLAR JIB CRANES

IPUP



UNDER BRACED JIB CRANE

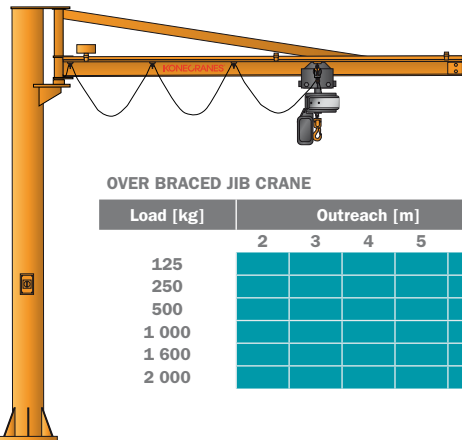
Load [kg]	Outreach [m]				
	2	3	4	5	6
125					
250					
500					
1 000					
1 600					
2 000					

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

IPOP



OVER BRACED JIB CRANE

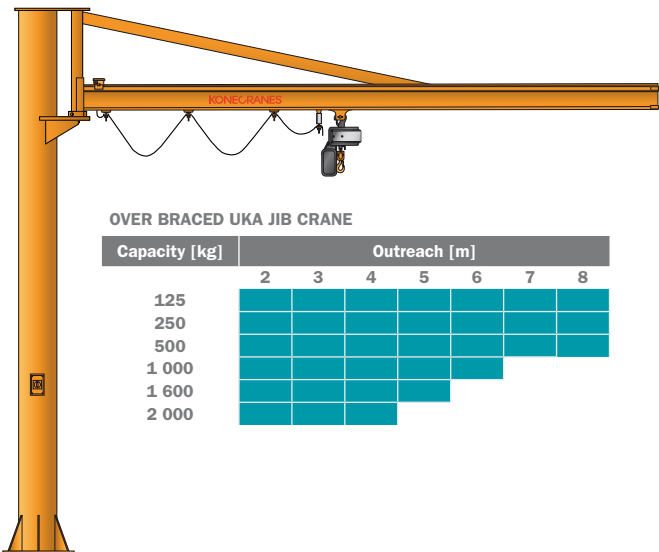
Load [kg]	Outreach [m]				
	2	3	4	5	6
125					
250					
500					
1 000					
1 600					
2 000					

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

XMOP



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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SERVICE



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Konecranes is a world-leading group of Lifting Businesses™, serving a broad range of customers, including manufacturing and process industries, shipyards, ports and terminals. Konecranes provides productivity-enhancing lifting solutions as well as services for lifting equipment and machine tools of all makes. In 2010, Group sales totaled EUR 1,546 million. The Group has 10,000 employees at 578 locations in 46 countries. Konecranes is listed on the NASDAQ OMX Helsinki (symbol: KCR1V).

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