

Cranes



Lifting & Handling Equipment

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Wall, Column or Ceiling Mounted Jib Cranes

Overbraced Jib Cranes

The lightest, most economical jib cranes, suitable for fixing to an existing wall or column.

The height available under the jib is only limited by the height of the building itself. The arm is articulated in the two captive hinges in the two projecting support members that make up the anchor plate.

- :: Capacity 50 – 3,000 kg
- :: Span 1 – 8 m
- :: Rotation 180° or 270°



Underbraced Jib Crane

This type of jib crane provides greater lifting height than an overbraced jib with the same features. The arm is articulated in the two captive hinges in the two projecting support members that make up the anchor plate.

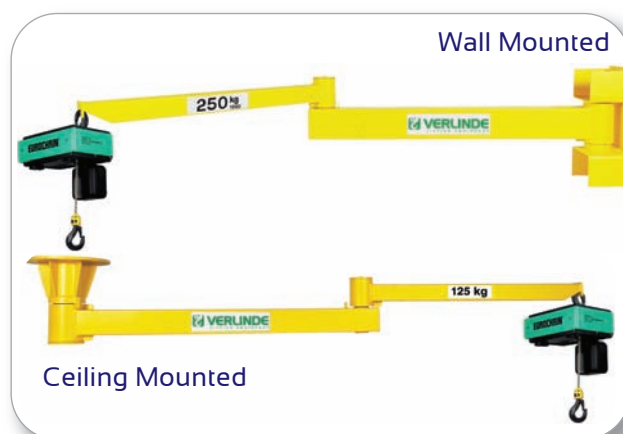
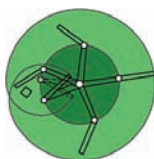
- :: Capacity 50 – 3,000 kg
- :: Span 2 – 6 m
- :: Rotation 180° or 270°



Articulated Jib Crane

The articulated jib crane can almost span a full circle, with practically no dead space.

- :: Allows working around obstacles
- :: Wall mounted model
- :: Ceiling mounted model
- :: Capacity 50 – 1,000 kg
- :: Span 2 – 5 m
- :: Rotation 359°



Jib Crane Options

- :: Mild steel painted as standard
- :: Galvanised finish option
- :: Light weight aluminium range
- :: Stainless steel range / cGMP options
- :: Supply, delivery, installation, testing and certification
- :: ATEX certified models
- :: Low headroom models
- :: Maintenance contracts



Stainless Steel option

Floor Mounted Jib Cranes

Overbraced Floor Mounted Jib Crane

Overbraced jib crane attached to a steel column fitted onto a base reinforced with stiffeners, depending on load capacity and span.

Completely independent from the building, fixed to the floor via rawl bolts or chemical anchors.

- :: Capacity 50 – 2,000 kg
- :: Span 1 – 7 m
- :: Rotation 270°
- :: Jib clearance 2.5 – 6m
- :: Powered travel options
- :: Light crane or heavy duty beam styles



Underbraced Column Mounted Jib Crane

Underbraced jib crane attached to a steel column fitted onto a base reinforced with stiffeners, depending on the capacity and span.

Completely independent from the building. Concrete foundation is required before fixing the jib crane by means of anchor bolts and template.

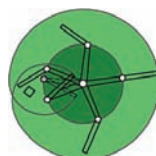
- :: Capacity 250 – 2,000 kg
- :: Span 2 – 6 m
- :: Jib clearance 2.5 – 6 m
- :: Rotation 270°
- :: Powered travel and rotation options



Articulated Floor Mounted Jib Crane

The articulated jib crane can almost span a full circle, with practically no dead space.

- :: Capacity 50 – 1,000 kg
- :: Span 3 – 5 m
- :: Jib clearance 3 – 5 m



Mobile Cranes

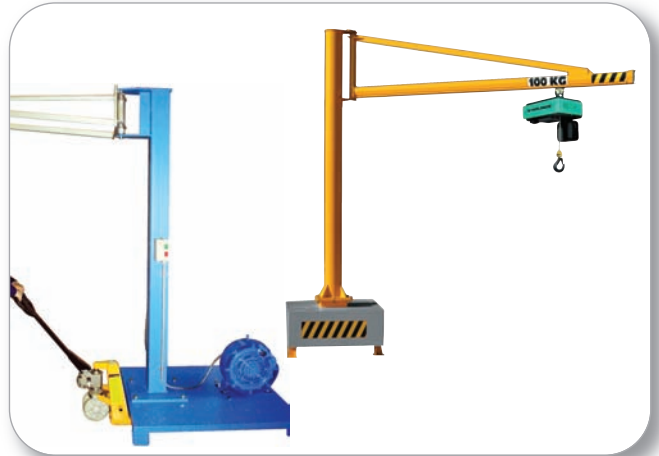
Mobile Base

To optimise workstations and give production processes maximum flexibility, our standard post mounted jib cranes are available in 'mobile' version.

These lifting cranes, completely independent of the factory structure can be moved with pallet truck or fork lift truck.

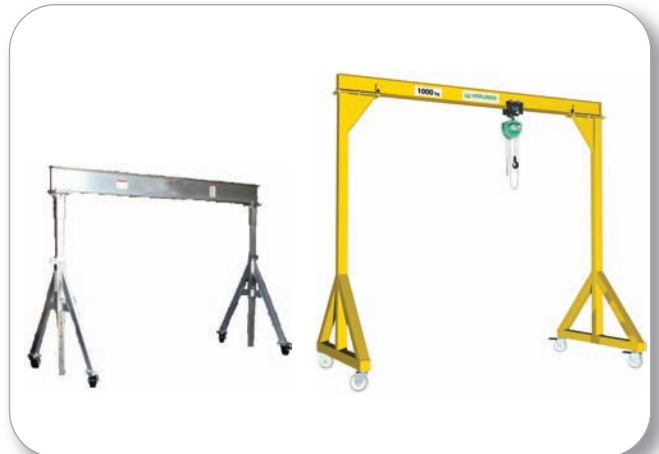
Delivered complete with counterweight.

- ❑ Suitable for use with all column mounted jib cranes



Mobile Gantry Cranes, Movable by Hand

- ❑ Capacity 500 – 5,000 kg
- ❑ Span 2,500 – 5,000 mm
- ❑ Clearance 3,000 mm
- ❑ Width 1,500 – 2,000 mm
- ❑ Length = Span + [190 to 300 mm]
- ❑ The range suits all hoisting devices
- ❑ Movable under load models
- ❑ Four castors, two lockable
- ❑ Can be dismantled into three pieces
- ❑ Made to measure configurations



Aluminium Lightweight Range

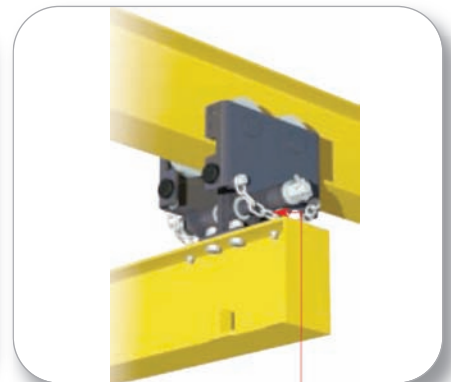
Standard Steel Construction

Manual Stainless Steel or Aluminium Jib Cranes

- ❑ Capacity 250 kg
- ❑ Span 0.8 – 1 m
- ❑ Self weight only 37 kg [steel]
- ❑ Installation via multi use base / 360° rotation
- ❑ Molygraphite greasing of wear rings ensures easy rotation
- ❑ Two handles provides easy transport and rotation
- ❑ Ideal for water treatment plants, for lifting pumps, agitators etc.



Manual Crane

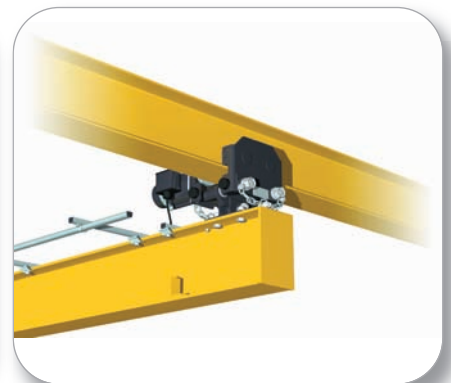


Trolleys designed for hand operated articulated sliding girder systems.

- ❑ Capacity 500 – 2,500 kg
- ❑ Span up to 8 m
- ❑ Includes a pair of manually pushed trolleys

- ❑ Manual push trolley
- ❑ Articulated coupling
- ❑ Safety chains
- ❑ Anti drop rollers
- ❑ 4 standard models

Powered Crane



Trolleys designed for electrically powered articulated sliding girder systems

- ❑ Capacity 250 – 2,000 kg
- ❑ Span up to 12 m
- ❑ Includes a pair of electric powered travel trolleys

- ❑ Powered drive trolley
- ❑ Articulated coupling
- ❑ Safety chains
- ❑ Anti drop rollers
- ❑ 4 standard models

Manual Underslung Crane



- ❑ Underslung and top running travelling cranes
- ❑ Capacity 250 – 10,000 kg
- ❑ Span up to 16 m
- ❑ End carriage fitted with steel wheels and buffer
- ❑ Electrification optional



Single Girder Articulated Crane

Overhead Cranes

- ❑ Capacity 50 – 2,000 kg
- ❑ Low headroom range
- ❑ Spans up to 12 m
- ❑ Easy moving due to excellent rolling friction coefficient
- ❑ Easily extendable due to modular component design
- ❑ Installation via bolting and clamping



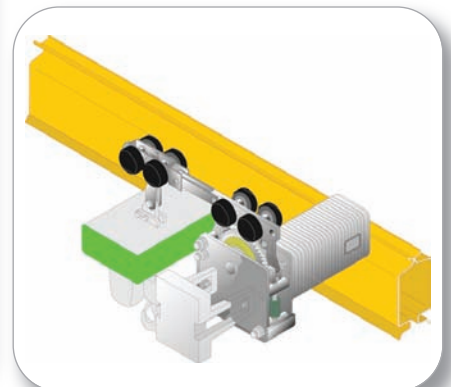
Double Girder Low Headroom Crane | Capacity 50 - 2,000 kg



Three Rail Sizes



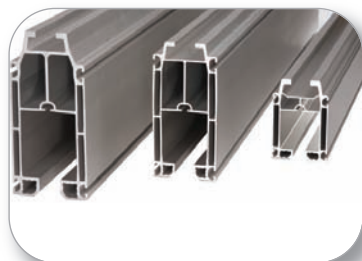
Monorail options



Powered Travel Options



Double Girder Low Headroom Aluminium Crane



Aluminium Profiles

Aluminium Profile Sizes

- ⌘ 3 rail sizes:
 - AL 6 – 6 kg/m, up to 320 kg
 - AL 10 – 10 kg/m, up to 2,000 kg
 - AL 14 – 14 kg/m, up to 2,000 kg

Overhead Crane Styles

- ⌘ Single girder
- ⌘ Single girder in-line low headroom
- ⌘ Double girder
- ⌘ Double girder low headroom
- ⌘ Articulated and rigid bridge beam options

Overhead Crane Options

- ⌘ Monorails
- ⌘ Switches and turntables
- ⌘ Integral electric supply
- ⌘ Parallel busbar options
- ⌘ Curved rails
- ⌘ Floor mounted columns
- ⌘ Cantilevered supports
- ⌘ Support from I beams
- ⌘ Fix to concrete ceilings

Advantages of Aluminium

- ⌘ Ergonomic light rails means users can very easily and effortlessly handle heavy and cumbersome loads.
- ⌘ Accuracy ensured through high quality manufacture and smooth movements.
- ⌘ Anti corrosion – the aluminium profiles are externally and internally anodised [20 micron].
- ⌘ Economical – reduce weight of required supporting structure.
- ⌘ Technological – the beam is the result of the latest innovations in cold extrusion and structure optimisation.
- ⌘ Practical – the beam is compatible with all standard accessories.
- ⌘ Lasting – strong resistance to wear and tear as a result of anodisation and the roller materials.
- ⌘ Safety – the beam is guaranteed without welding.
- ⌘ Silence – operates silently due to the precise manufacture of the movement surface.

Sample Installations



Floor Mounted Overbraced Jib Cranes



Overhead Powered Travel Eurosystem Single Girder Crane



Floor Mounted Underbraced Jib Cranes