Materials Handling Equipment

Design ● Manufacture ● Install
Deck Trolleys
- 4-Wheel Desk Trolley
- 4-Wheel Turntable Trolleys
- Swivel Castor Trolleys

Wire Pulling Machines - Tirfor

Beam Clamps

Counter-Balance Floor Cranes

Gas Bottle Holders
- Single
- Double

Barrel Transporters

Portable A-Frames

Scissor Lifts

Pallet Trucks

Heavy Duty Floor Cranes
A large selection of 4-wheel steering deck trolleys manufactured from quality hollow sections specially designed and developed for the rigours of the Oil & Gas industry.

The steering system increases stability and improves the steering radius when turning the trucks. All models have steel centre solid rubber wheels for ease of movement over Offshore grating.

Each trolley has 4-off certified pad-eyes, 1-off positioned at each corner of the trolley for pulling purposes. These also serve for lifting the trolley around the installation.

Heavy duty marine plywood decks. Stops prevent the push/pull handle from dropping to the ground.

All models are supplied with individual Load Test and NDT certification and painting to offshore specification, top coat white.

### FEATURES
- Designed for the rigors of the Oil & Gas Industry
- Improved steering radius
- 4-off certified pulling padeyes also serve for lifting the empty truck
- Individual NDT & Load Test Certification

<table>
<thead>
<tr>
<th>MODEL</th>
<th>CAPACITY (SWL - Te)</th>
<th>LENGTH (mm)</th>
<th>WIDTH (mm)</th>
<th>HEIGHT (mm)</th>
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• Parking Brakes available as an option
A large selection of 4-wheel turntable trolleys manufactured from quality hollow sections specially designed and developed for the rigours of the oil & gas industry.

Heavy duty ball bearing turntable design assuring easy turning when fully laden. All models have steel centre solid rubber wheels for ease of movement over offshore grating.

OPTIONS:
- Parking Brakes
- Fixed end and drop down sides
- Steering Stops

<table>
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<tr>
<th>MODEL</th>
<th>CAPACITY (SWL - Te)</th>
<th>LENGTH (mm)</th>
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A range of heavy duty offshore specification swivel castor trolleys in a wide variety of capacities.

All our trolleys are supplied with single or twin polyurethane rimmed swival castors with omni-directional manoeuvrability and minimal height.

Detachable steering handle can be used at either end of the trolley.

Each trolley has 4-off certified padeyes, 1-off positioned at each corner of the trolley for pulling purposes and also serves for lifting the empty trolley around the installation.

All models are supplied with individual load test and NDT certification and painting to offshore specification (top coat white).

**FEATURES**
- Heavy Duty Construction designed for the rigors of the Oil & Gas Industry
- Steel deck as standard
- 4-off certified padeyes also serve for lifting the empty trolley
- Individual NDT & Load Test Certification
- Manufactured & painted to offshore specification

<table>
<thead>
<tr>
<th>MODEL</th>
<th>CAPACITY (SWL - Te)</th>
<th>LENGTH (mm)</th>
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Tirfor machines are portable manual hoists used with maxiflex wire rope. They can be used to lift, pull and position loads over great distances depending on the wire rope length.

They are suitable for use in numerous configurations and are the ideal solution for use in professional applications; they are operated by a simple lever.

Option: the load capacity of the Tirfor system can be increased by using sheave blocks.

**FEATURES:**

- Low weight—quick installation
- No limitation in terms of cable length
- Manageable, light-weight, robust, powerful
- Increase load capacity with deflection sheaves
- Overload protection
- Precise load placement within millimetres

**Beam Clamps**

**FEATURES:**

- Range from 1.0t to 10.0t
- Multidirectional adjusting screw spindle for easy attachment and safe and secure grip
- 5:1 Safety factor
- Quick and versatile rigging point for hoisting equipment
- Wide Beam flange adjustment range
- Low headroom because of the built in anchor point
- Operating temperature of -50° to +50°

**CERTIFICATION**

Each unit comes fully certified with a test certificate or an EC Declaration of Conformity stating compliance with the essential health and safety requirements of the Machinery Directive 2006/42/EC.

*NOTE: Also available for Hazardous Areas*
Counter-Balance Floor Cranes

The counter balance floor cranes are a compact crane mounted on a highly maneuverable trolley. A ballast box counter balances the load with an extending jib with three hook positions. Heavy duty polypropylene swivel castors and rear castor fitted with brake.

**FEATURES**
- SWL: 0.5Te, 1Te or 2Te
- The crane is fitted with large wheels and castors which enables it to travel over offshore grating with ease
- Four lifting points fitted for transportation by platform crane
- The crane is painted to offshore specification
- Supplied with load test and NDT certificates
- Supplied with a four wire rope sling and work instruction

<table>
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<th>Model</th>
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<td>Load Capacity (kgs)</td>
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<td>1000</td>
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<td>Capacity Position 1 (kgs)</td>
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<td>1000</td>
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<td>Capacity Position 2 (kgs)</td>
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<td>Capacity Position 3 (kgs)</td>
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<td>Max. Height Hook hp1* (mm)</td>
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<td>Max. Height Hook hp2* (mm)</td>
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<td>Max. Height Hook hp3* (mm)</td>
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<td>Max. Height Hook hp1** (mm)</td>
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<td>Max. Height Hook hp3** (mm)</td>
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<td>Column Height (mm)</td>
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<td>Overall Base Length (mm)</td>
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<tr>
<td>Base Width (mm)</td>
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<td>Wheel Diameter (mm)</td>
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<tr>
<td>Weight without counter weight (kgs)</td>
<td>180</td>
<td>220</td>
<td>265</td>
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</table>

*hp - Height Position | ** hp - Hook Position
Gas Bottle Holders

Gas Bottle Holder (Single)
The universal single gas bottle holder provides a straightforward and easily operated method of transporting & lifting gas cylinders around the site/plant.

The design incorporates a unique quick change retaining system allowing the single main frame to be used with the 3 main bottle diameters: 230mm, 295mm & 375mm

FEATURES
- Capacity: 150kg
- Supplied with 3-off interchangeable straps
- Large Diameter wheels for travelling over sites
- Gauges & hoses can remain connected during transit
- Supplied with Crane connector for lifting via crane
- Full NDT & Load Test Certification

Gas Bottle Holder (Double)
The Double Gas Bottle Holder is ideal for all burning & heat treatment operations throughout the site/plant.

The carrier can accommodate Oxygen / Propane or Oxygen/Acetylene combinations and is supplied with 3 retaining bands to allow operator choice.

FEATURES
- Capacity: 250kg
- Use for burning & heat treatment operations
- Large Diameter wheels for travelling over sites
- Gauges & hoses can remain connected during transit
- Supplied with 2-leg sling for lifting via crane
- Full NDT & Load Test Certification
Barrel Transporters

**Universal Barrel Transporter**

The universal barrel transporter has been designed and certified to lift and transport all types of barrels and drums currently in use offshore today.

**FEATURES**

- Capacity: 500kg
- Use for lifting & general deck movement
- Barrel secured via ratchet webbing straps
- For use with both steel & plastic barrels
- Tapered floor & slide bearings to aid handling
- Full NDT & load test certification
- Painted to offshore specification

Call us now on +44 (0) 1384 484811
or email sales@jbarnsleycranes.com

Visit us at [www.jbarnsleycranes.com](http://www.jbarnsleycranes.com)
Portable A-Frames

**FEATURES**
- SWL: 500Kg
- Light-weight Aluminium Construction
- Folds for storage / transportation
- 1600mm long beam
- 1300mm * 1300mm square footprint for leg supports
- Telescopic height adjustment in 50mm increments
- Max height: 2160mm

**ADVANTAGES**
- Simple assembly
- Suitable for 2 person fall arrest or single person man-riding / work positioning
- Selection of accessories for different applications
- Supplied with individual Load Test Certificate

Scissor Lifts

**FEATURES**
- Certified for Zone 1 or Zone 2 Hazardous Area Use
- Various platform heights available
- Various platform sizes available
- Various SWL available
- All terrain options

**ADVANTAGES**
- Offshore specification
- Contact us with your project specific requirements

www.jbarnsleycranes.com
Pallet Trucks

Braked Pallet Trucks
- Capacity: 2500kgs
- Heavy duty forks - 1150mm long * 540mm
- Progressive brake with parking lock
- Twin polyurethane wheels to reduce noise/vibration
- Guide rollers to prevent damage to pallets
- Grease points for ease of maintenance
- Min/Max fork height 85mm/205mm

High Lift Pallet Trucks
- Capacity: 2500kgs
- Heavy duty forks - 1150mm long * 540mm
- Progressive brake with parking lock
- Twin polyurethane wheels to reduce noise/vibration
- Guide rollers to prevent damage to pallets
- Grease points for ease of maintenance
- Min/Max fork height 85mm/205mm

Special Pallet Trucks
- From 500kgs to 10,000kgs SWL
- Any fork width or length
- Tipping Mechanisms
- Traverse Pallet Trucks
- Electric Pallet Trucks
- Weigh Scale Units

- Certified Lifting Points
- All pallet trucks can be fitted with certified lifting points to enable transportation between levels on offshore platforms
- Supplied with Load Test Certificate
- Also available for Hazardous Areas
- Other Models available on request
Heavy Duty Floor Cranes

**FEATURES**
- All robust construction
- Easily manoeuvred on heavy duty castors
- Relief valve to prevent overloading
- Manual hydraulic operation
- Marine specification rams
- Low maintenance
- All supplied with load test certification

<table>
<thead>
<tr>
<th>MODEL</th>
<th>HDFC1000</th>
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<th>HDFC3000</th>
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<tbody>
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<td>Capacity (Kg)</td>
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<tr>
<td>Maximum Extension (mm)</td>
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<tr>
<td>Min. Height hook to Ground (mm)</td>
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<td>950</td>
<td>930</td>
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www.jbarnsleycranes.com
Also available on request

1. Lever Hoists
2. Spreader Beams
3. Skate Systems
4. Deck Baskets
5. Access Baskets
6. Spool Transporters
7. Beam Transporters
8. Crane Forks
9. Power Pusher
J. Barnsley Cranes Limited

J. Barnsley Cranes
Offshore Trolley Hoists
available up to 25Te capacities

ELECTRIC

MANUAL

PNEUMATIC

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