



SPRINT

Lifting Equipment Ltd



Design
•
Manufacture
•
The
Complete
Service

(A) Breakdown/Repairs.

We provide a fast efficient service on breakdown situations.

Our engineers vehicles are equipped with an extensive selection of tools and accessories, enabling a solution on site for most problems arising with lifting and mechanical handling equipment.

B) Service/Inspection.

Regular inspections are an easy way to maximise the performance and reliability of your lifting equipment. These inspections can identify and correct minor problems before they can put you and your lifting equipment in a serious, costly downtime situation.

Service intervals can be on the level of use of your equipment.

C) Site Surveys.

Out of line or level of crane gantries can cause excessive wear of crane wheels etc.

We can carry out a laser survey to establish these dimensions and check compliance with British Standards.

D) Conversions - Modifications - Refurbishment.

Lifting and handling systems modified to suit your requirements.

Steelwork and equipment re-located, crane tracks re-aligned and repaired.

Control systems updated - Remote control systems (Radio or Infra red.)

Anti-collision systems.

E) Fabrication.

Design and manufacture of complimentary steelwork including, structures, walkways, handrails and guarding etc.

F) Proof Load Testing.

On your site or in our works.

Equipment and steelwork proof tested and certified.

E.g. Cranes, runways, lifting tackle, excavators, lorry cranes, garage lifts etc.

G) Training.

Provides operator training in both theoretical and practical principles governing the safe operation of lifting equipment

i.e. Cranes, hoists, slinging, forks trucks and lorry cranes.



Tel: 0116 260 4100 Fax: 0116 260 4111

Leicester Based Mobile Crane Hire Company

Our offices are open 8am till 5pm, Monday to Friday where our crane hire department will be glad to offer advice and quotations.

Office Hours: Tel: 0116 260 4100
Fax: 0116 260 4111

24 Hour Call: Tel 07885 203 682

Evening and Weekends:

As Mobile Crane Hire specialists we want you the customer to have the best crane suitable for the assigned project.

We can achieve this goal by offering:-

Our wide selection of cranes ranges from our smallest 7 ton Iron Fairy to our Largest 120 Ton. Larger Cranes are available on request.

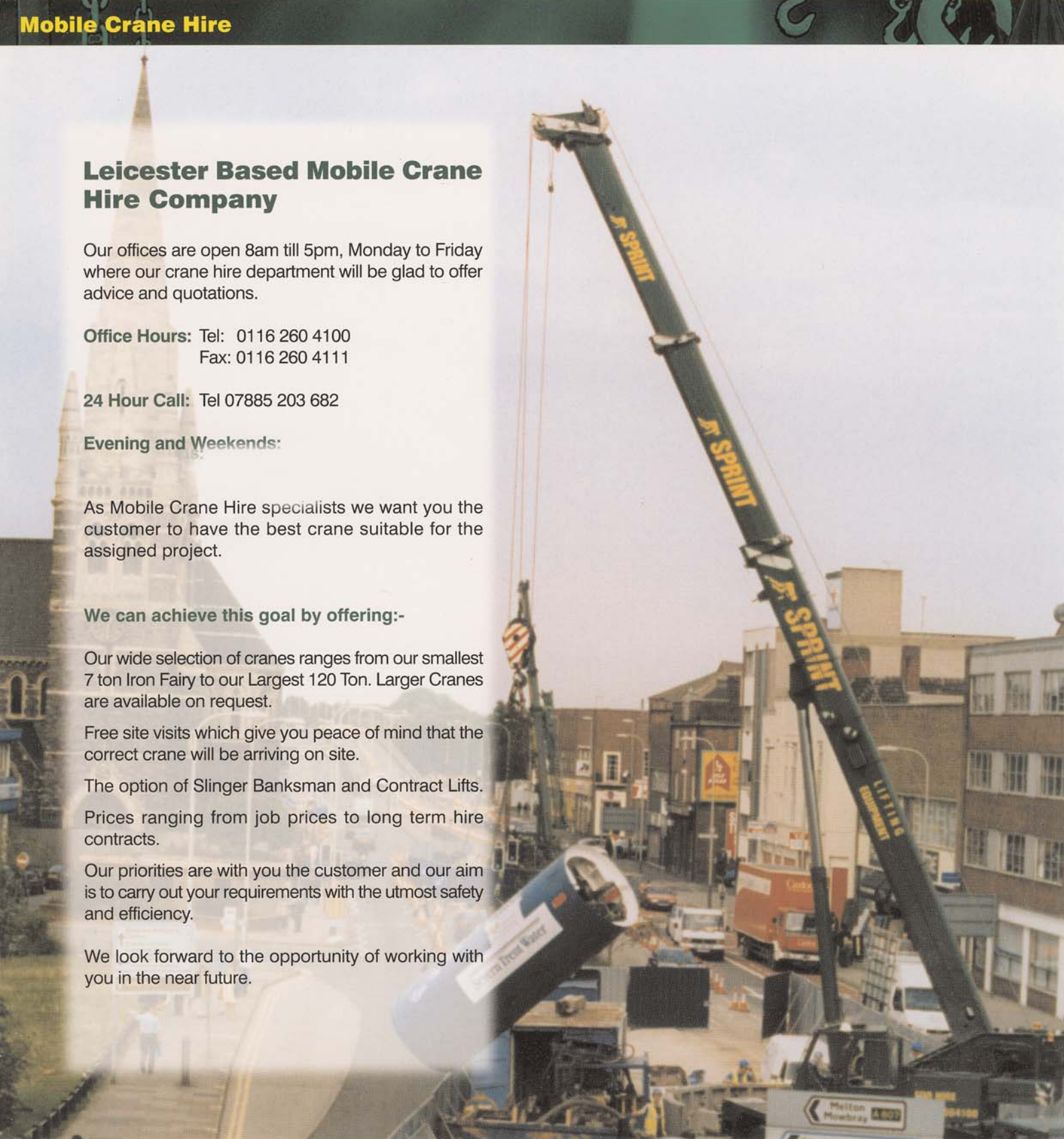
Free site visits which give you peace of mind that the correct crane will be arriving on site.

The option of Slinger Banksman and Contract Lifts.

Prices ranging from job prices to long term hire contracts.

Our priorities are with you the customer and our aim is to carry out your requirements with the utmost safety and efficiency.

We look forward to the opportunity of working with you in the near future.





Powered Hydraulic Pumps



Hand Hydraulic Pumps

- Up to 700 Bar working pressure
- External pressure release valve
- Safety overload valve
- Single or two speed operation
- 2-way valves for single-acting cylinders
- 4-way valves for double-acting cylinders



Single or Double - Acting Cylinders



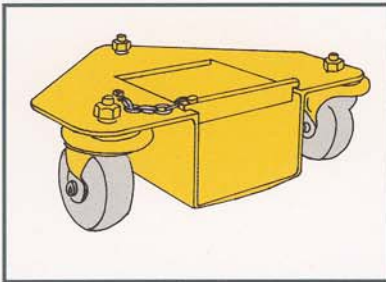
Light Weight Jack



Ratchet Toe Jacks



Rack Jacks



Well Skate



Caterpillar Skates



Multi Roller Skates

Modular load moving system. Designed to safely cope with moving heavy weights.



Counterbalanced Floor Crane



Floor Crane



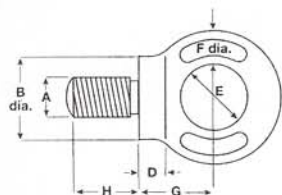
Pallet Trucks

One of the most widely used pieces of material handling equipment and can be used to move practically anything.



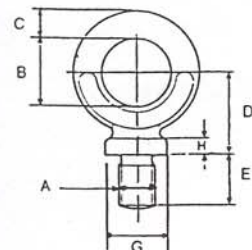
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EYEBOLTS



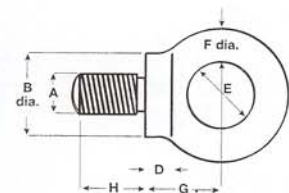
**Collared Eyebolts - To BS 4278 - Table 4 or B5.529 Part 1
BSW Thread**

SWL 0.10 tonne - 30.00 tonnes



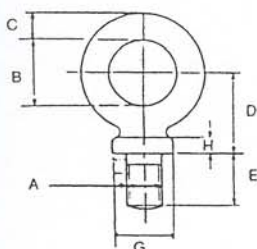
**Dynamo Eyebolts
BSW Thread**

SWL 0.10 tonne - 3.50 tonnes



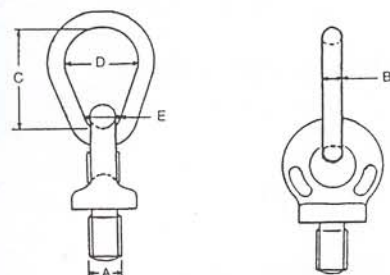
**Collared Eyebolts - To BS 4728 Table 1
Metric Course Thread**

Vertical SWL 0.10 tonne - 3.20 tonnes



**Dynamo Eyebolts - To BS 4728 Table 3
Metric Course Thread**

Vertical SWL 0.10 tonne - 20.00 tonnes



Collared Eyebolts with Reeveable Egg Links

**BSW Thread. Vertical SWL. 0.15 - 2.00 tonnes
Metric Course Thread. Vertical SWL. 0.15 - 2.50 tonnes**

ABOVE RANGE AVAILABLE WITH UNC . UNF . BSF . THREADS

RANGE ALSO INCLUDES:-

Long Shank Collared Eyebolts Maximum 4.5 tonnes

Dynamo Eyebolts Maximum 3.5 tonnes

Eye Nuts - Bow Nuts

Stainless Steel Shackles and Eyebolts.

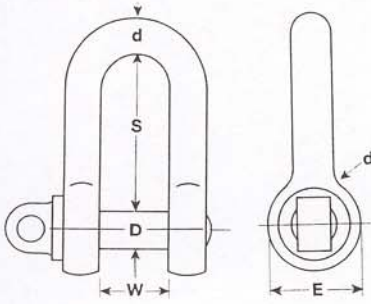
Rigging Screws Maximum 9.25 tonnes

Turn over for
Shackles



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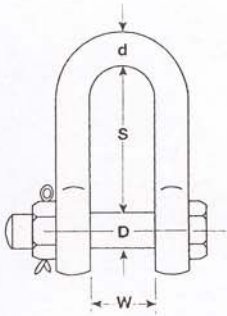
SHACKLES



**Large/Small Dee Shackles
to BS3032 - 1958 with 'A' type pins**

**Large range SWL 0.25 tonne - 25.00 tonnes
Small range SWL 0.30 tonne - 20.00 tonnes**

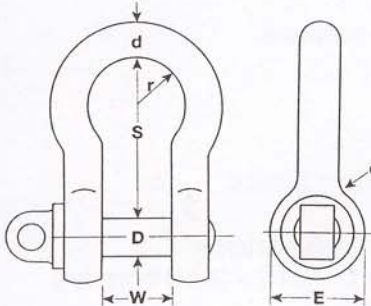
Green Pin Dee Shackles. 0.50 tonne - 55 tonnes



**Large/Small Dee Shackles
to BS3032 - 1958 with 'E' bolt and nut pin**

**Large range SWL 0.15 tonne - 13.00 tonnes
Small range SWL 0.30 tonne - 14.75 tonnes**

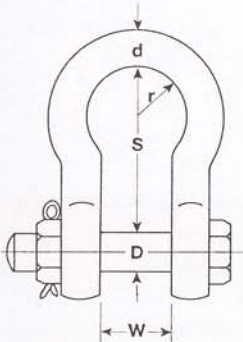
Green Pin Dee Shackles. 2.00 tonnes - 120 tonnes



**Large/Small Bow Shackles
to BS3032 - 1958 with 'A' type pins**

**Large range SWL 0.45 tonne - 18.50 tonnes
Small range SWL 0.50 tonne - 12.5 tonnes**

Green Pin Bow Shackles. 0.33 tonne - 55 tonnes



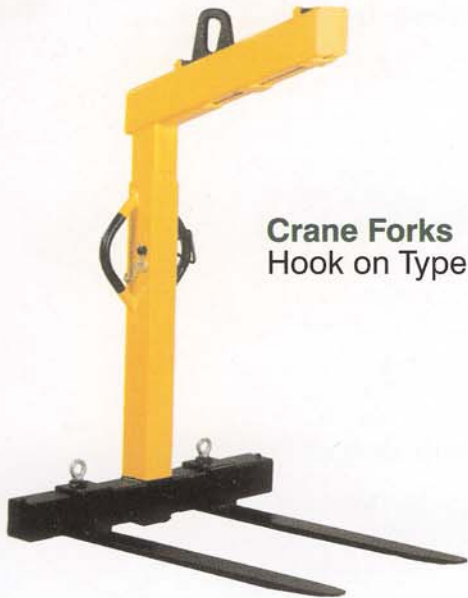
**Large/Small Bow Shackles
to BS3032 - 1958 with 'E' type bolt and nut pin**

**Large range SWL 0.45 tonne - 11.50 tonnes
Small range SWL 0.50 tonne - 12.50 tonnes**

Green Pin Dee Shackles. 0.75 tonne - 120 tonnes



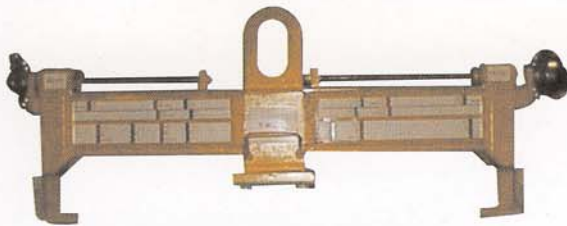
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Crane Forks
Hook on Type



Large 'C' Hook



Screw Adjustable Lifting Grab



Vacuum for Lifting Systems
Single pad and multi - pad designs

Ideal for flat materials.
Glass
Thin plate
Concrete



Pneumatic Lifting and Turning Grab

Hand Operated Magnetic Lifters
Ideal for flat and round sections
compact light powerful



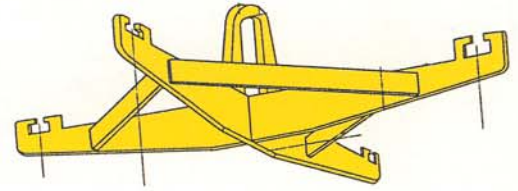
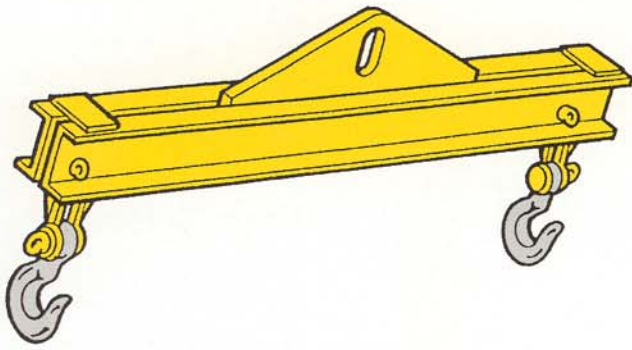
Electro Magnets
Battery Magnets

Turn over the page for
some alternative designs.



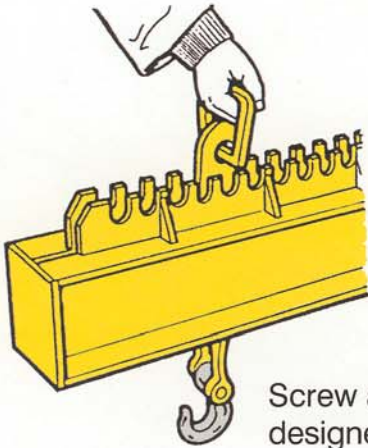
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All types of lifting beams and spreaders. - Fork Lift Truck Attachments to forks.
Sprint Design and Manufacture to your requirements



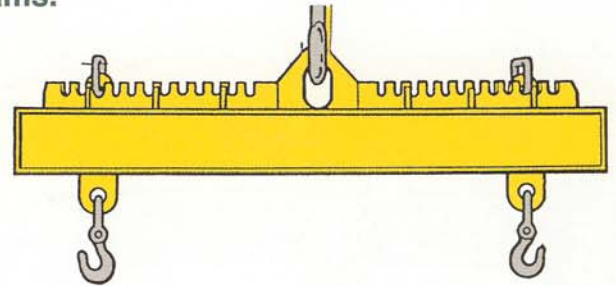
4 Loop Bag Lifting Beams

Purpose designed beams to lift fork truck battery packs



Adjustable Lifting Beams.

Screw adjustable types designed to your requirements.



Scissor Style Grabs - semi automatic - fully automatic

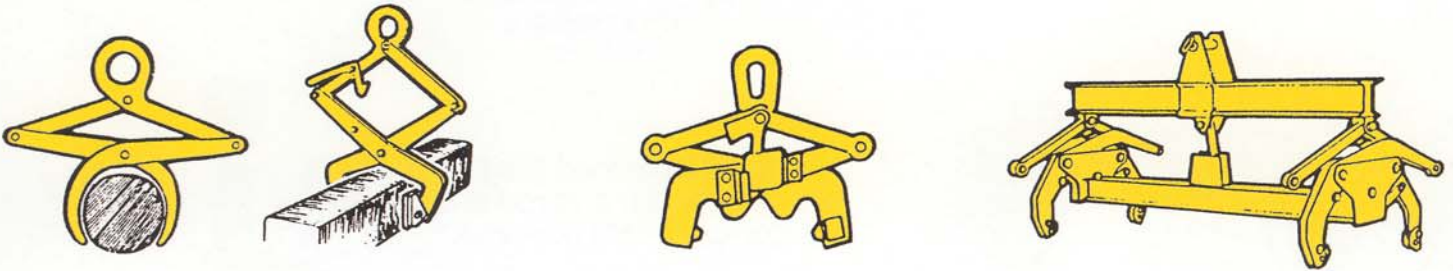
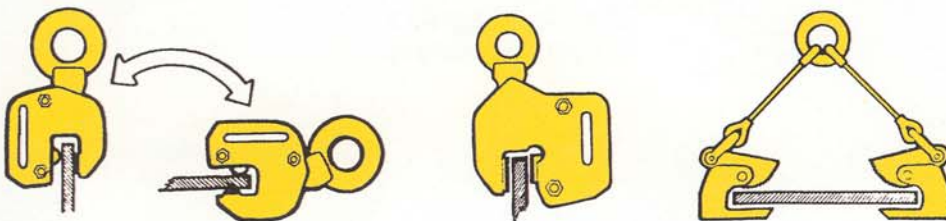


Plate Lifting Clamps



Block Grabs
Girder Clamps
Pipe Hooks



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CHAIN SLINGS

WORKING LOAD LIMITS

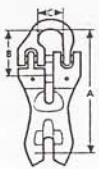
Uniform Load Rating:
(Tonnes)

All general purpose slings should be rated by the uniform load method as shown in the table below. - Based on Grade 80 - Chain Slings

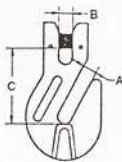
Chain size mm	Single leg	Endless	0° - 45°	Two leg 45° - 60°	Three and four leg 0° - 45° 45° - 60°	
7	1.5	2.5	2.1	1.5	3.1	2.2
8	2.0	3.1	2.8	2.0	4.2	3.0
10	3.15	5.0	4.25	3.15	6.7	4.75
13	5.3	8.5	7.5	5.3	11.2	8
16	8.0	12.5	11.2	8.0	17.0	11.8
20	12.5	20.0	17.0	12.5	26.5	19.0
22	15	23.6	21.2	15.0	31.5	22.4
26	21.2	33.5	30	21.2	45.0	31.5
32	31.5	50.0	45.0	31.5	67.0	47.5

Chain Slings can be supplied with alternative load hooks as well as shortening clutches

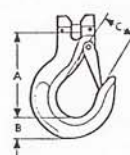
Shortening Clutch



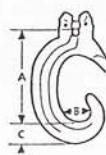
Clevis Grab Hook



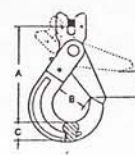
Clevis Sling Hook



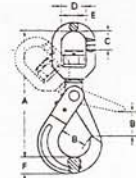
Clevis C Hook



Clevis Self Locking Hook



Swivel Self Locking Hook

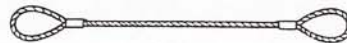


WIRE BELT SLINGS

- Durable steel construction
- No fraying
- Flexible
- No kinking
- Withstands temperatures up to 200°C
- Spreads the load - reduces damage
- Safer - better grip
- Reeveable End Fittings

WIRE ROPE SLINGS AND STROPS

Send us your requirements.
Maximum 10000 kg SWL



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WEBBING SLINGS

Webbing wear sleeves are optional extras.



Flat Woven Webbing Endless Slings
Maximum 20000kg Safe Working Load

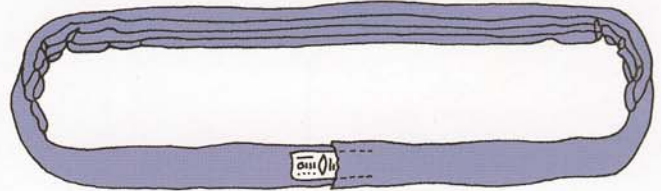


Type PS Simplex - Maximum 6000kg SWL
Polyester flat woven webbing sling with soft becket eyes



Type PS Duplex - Maximum 20000kg SWL
Polyester flat woven webbing multi-layer sling with soft becket eyes

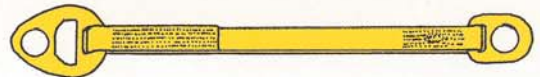
Round Slings
- Maximum 30000 kg Safe Working Load



Round Slings Available As Single or Double Thickness.



Type D & D - Maximum 12000 kg SWL
Fitted with non-reevable metal end fittings, Simplex or Duplex



Type D & DP - Maximum 12000 kg SWL
Fitted with reevable metal end fittings, Simplex or Duplex

How much can I lift? 

Cap	Colour	Vertical x 1	Choke x 0.8	Basket 0° x 2	Basket 0°-90° x 1.4	Basket 120° x 1
1t	Violet	1000	800	2000	1400	1000
2t	Green	2000	1600	4000	2800	2000
3t	Yellow	3000	2400	6000	4200	3000
4t	Grey	4000	3200	8000	5600	4000
5t	Red	5000	4000	10,000	7000	5000
6t	Brown	6000	4800	12,000	8400	6000
8t	Blue	8000	6400	16,000	11,200	8000
10t	Orange	10,000	8000	20,000	14,000	10,000

Turn Over for Chain/Wire Slings



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A RANGE OF HOISTS, BLOCKS, PULL LIFTS AND LEVER HOISTS BELOW:-



Close-Headroom Trolley



Hand Chain Pulley Block



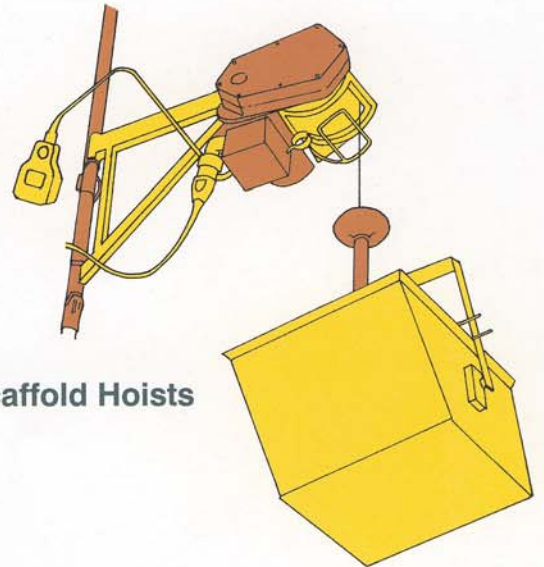
Air Hoist



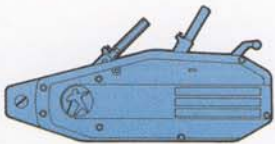
Lever Hoists



Electric Chain Hoists



Scaffold Hoists



**Lifting and Pulling Machines
Manual or Hydraulic**

**STANDARD THREE PHASE SUPPLY OR
SINGLE PHASE LIFTING EQUIPMENT**

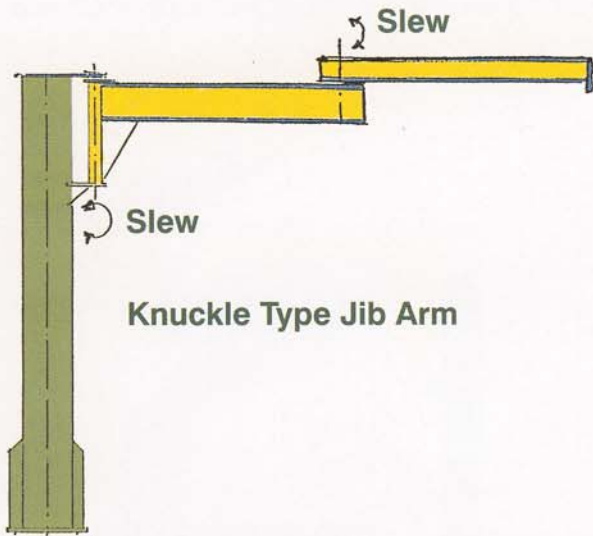
**Hand or Electric Winches
Quick Release Trolleys**



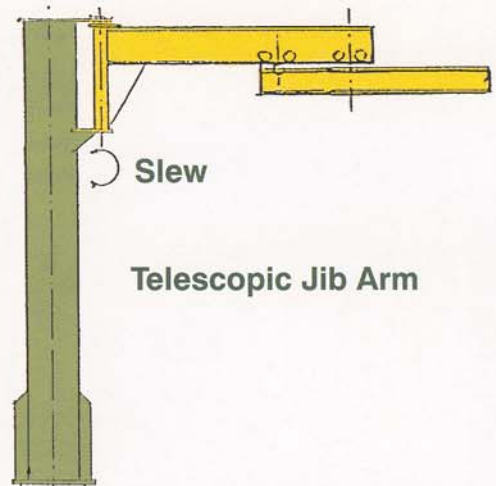
Electric Wire Rope Hoists



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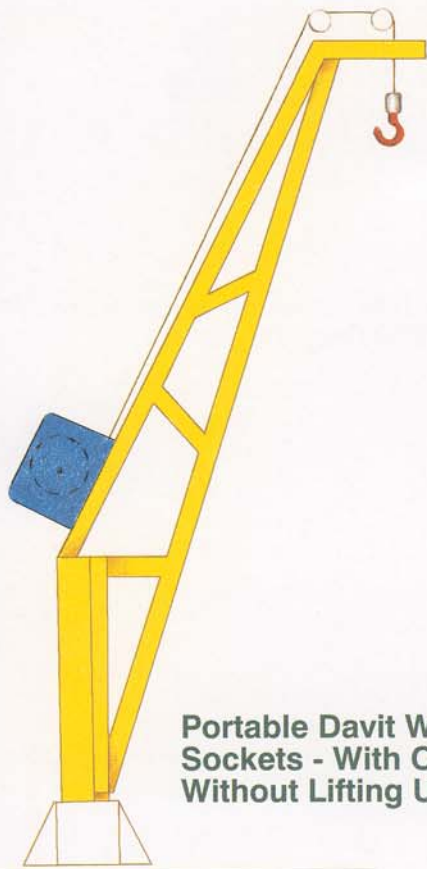


Knuckle Type Jib Arm

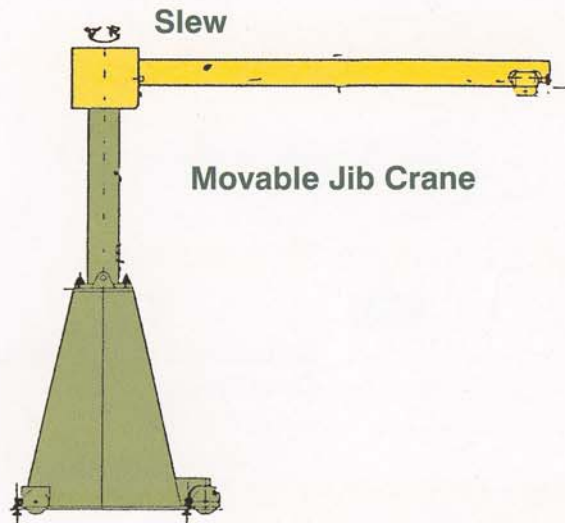


Telescopic Jib Arm

Knuckle type and Telescopic Jib Arm styles provide extended reach and make previously inaccessible positions achievable.



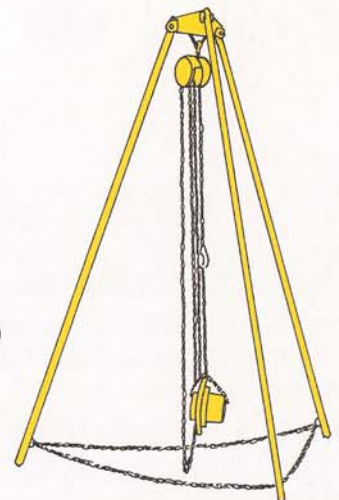
Portable Davit With Sockets - With Or Without Lifting Unit



Movable Jib Crane

Tripods

Lifting tripods with fixed height legs or telescopic legs.
Supplied with "socketed top" legs for dismantling. Swivel top ring points at bottom of legs
Safety chains.
Supplied with or without hoist.



All types of lifting equipment are available to suit your project



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A COMPLETE RANGE DESIGNED AND MANUFACTURED TO SUIT YOUR PARTICULAR APPLICATION

The Sprint Fixed Height Range Includes:-

Mobile on castors or with foot plates for bolting down. Sizes to suit your application.



Inrigged - Maximum 10,000kg SWL and Outrigged



Unrigged - Maximum 3000kg SWL

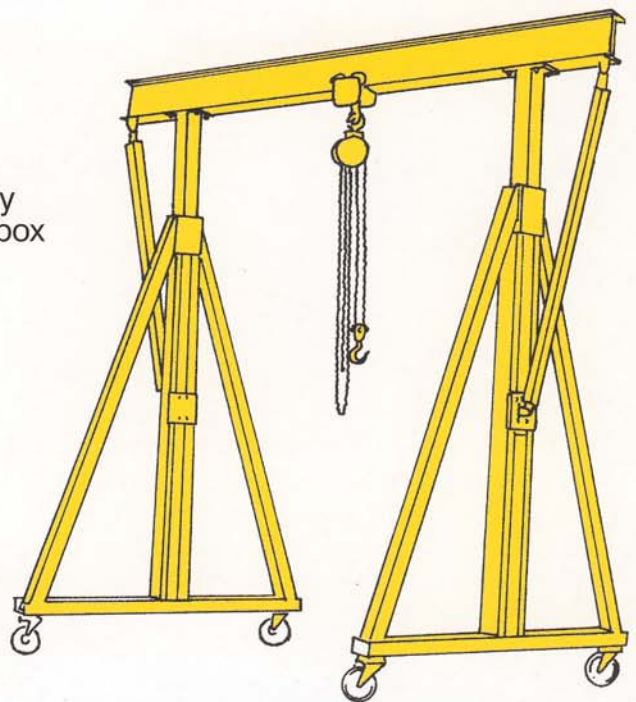
Note - Optional extras on all mobile gantries include poly type wheels. Parking jacks, foot brakes, hand or electric hoists. All Gantries over 3000kg are supplied with screw down parking jacks as standard.

Adjustable Height Range Includes

- a) Peg adjustable - leg in leg
Telescopic unrigged, inrigged and outrigged maximum 5 tonne
- b) Peg adjustable. Centre mast style
- c) Screw adjustable. Centre mast style providing infinitely variable height adjustment with manually operated gearbox on each leg.
- d) Self-erecting style

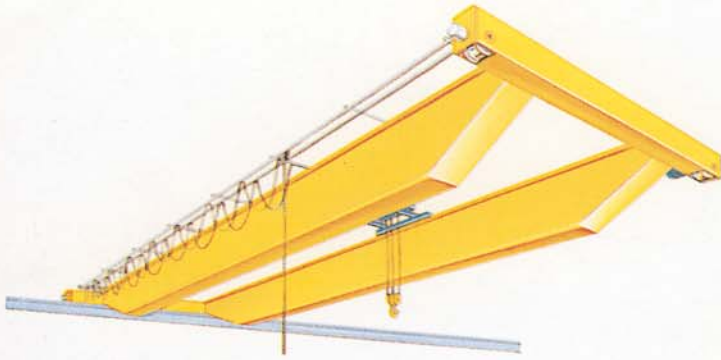


Telescopic - "Leg in Leg" Style



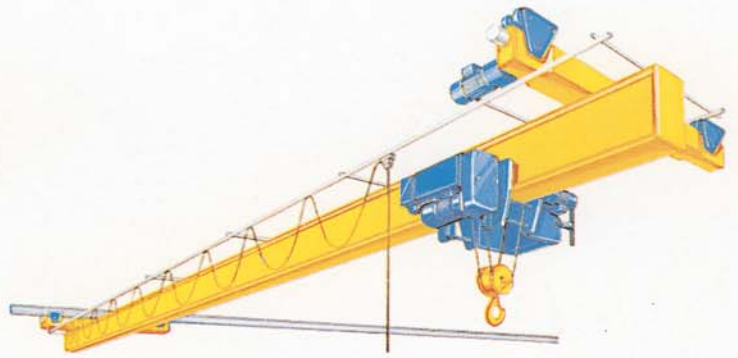
Telescopic - "Centre Mast" Style





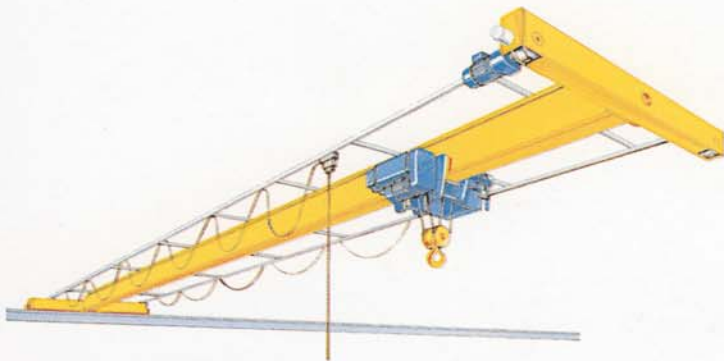
Double Girder

Load range and performance unmatched by any other crane



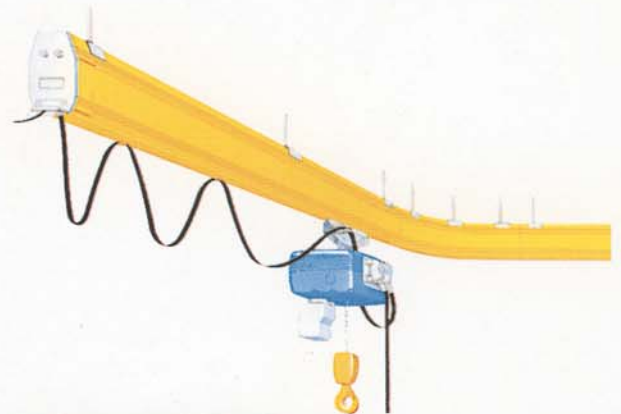
Underslung Cranes

When the lowest possible construction is required

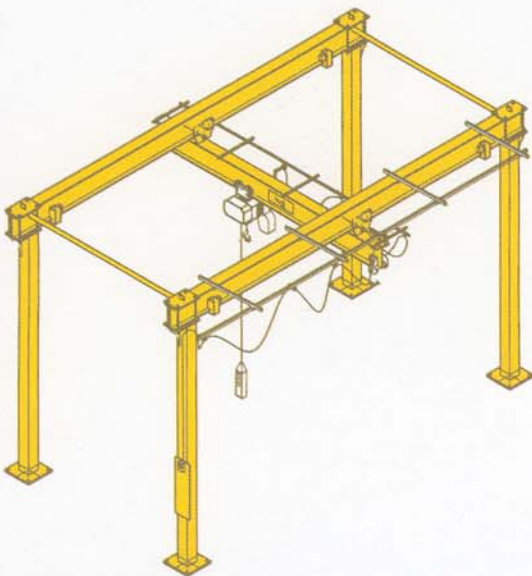


Single Girder Cranes

Efficient utilisation of work space with the lowest possible loading on your building structure and foundations



Light Monorail Track Systems and Crane Systems



Crane Systems

The two-rail portal with crane bridge powered or push travel








Semi-Goliath and Goliath Crane

SAFE LIFTING

Uniform Load Rating:

All general purpose slings should be rated by the uniform load method as shown in the table below.

CHAIN SIZE mm	Single Leg	Endless	Two Leg		Three & Four Leg	
			0° - 90° 	90° - 120° 	0° - 90° 	90° - 120°
7	1.5	2.5	2.1	1.5	3.1	2.2
8	2.0	3.1	2.8	2.0	4.2	3.0
10	3.2	5.0	4.5	3.2	6.7	4.8
13	5.4	8.5	7.6	5.4	11.3	8.1
16	8.0	12.5	11.3	8.0	17.0	12.0
20	12.5	20.0	17.0	12.5	26.8	19.0
22	15.5	24.0	21.5	15.5	31.5	22.4
26	21.7	33.5	30.2	21.7	45.0	32.0
32	32.0	50.0	45.0	32.0	67.0	48.0

Trigonometric Load Rating:

Special purpose slings for a specific lifting application where the angle between the legs is known may be rated according to the trigonometric method providing that each leg takes an equal share of the load. The size of sling to be used should be recommended by a competent person who has assessed the lifting application.

N.B. This rating cannot apply to general purpose slings.



Main Agents: MANNESMANN DEMAG

THE COMPLETE SERVICE

Design • Manufacture & Installation • Inspection & Testing
Site Surveys • Maintenance • Repair • Steelwork

CRANES & HOISTS

Electric or Hand Operation Cranes with Rails and Gantry Tracks
Electric Hoists - Chain or Wire Rope • Hand Blocks • Double Girder
Single Girder • Underhung • Winches • Leverlifts

ENCLOSED CONDUCTOR SYSTEMS

Light Crane Systems • Heavy Beam Runway Systems
Light Runway Systems • Hand or Electric Operation

NEW OR RECONDITIONED CRANES & HOISTS

GANTRIES & JIB CRANES

Mobile • Fixed • Adjustable Height • Pillar Mounted • Wall Mounted
Davits • Hand or Electrically Operated Hoists Supplied

LIFTING TACKLE

Design & Manufacture • Lifting Beams and Spreaders

DISTRIBUTORS AND STOCKISTS

Polyester Resin Grouts - Mortar • Rebar Bolts • Castors • Screwjacks
Plate Clamps • Well Skates • Pallet Trucks • Chain Slings and Fittings
Webbing Slings • Eyebolts • Shackles • Rigging Screws

Wire Rope Slings - Eyes - Grips

IN HOUSE TESTING FACILITY