



A local company with national coverage

Hire, Sales, Servicing,
Testing, Inspection & Repair

www.toplifting.co.uk



Established in January 2010, our current employees have over 50 years experience between them within the lifting industry and hold the main 6 L.E.E.A diplomas.

We have been accredited with ISO 9001:2008, Full L.E.E.A membership and in 2011 was awarded start up business of the year.

We offer a specialist service which covers hire, sales, testing, machine moving, installation and any bespoke lifting requirements. We also offer a full 24/7 call out 365 days a year and can provide site surveys if required. Our Office is based in Hull, however we offer all our services Nationally and Internationally.

Throughout our years in the industry, we have carried out various aspects of work for companies such as B.P, A.B.P, British Rail and have worked within Power Stations, Petro Chemical, Prisons and many construction and engineering companies.

We have an excellent reputation within the industry and have a total commitment to customer service whilst offering very competitive rates at the same time.

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PALLET TRUCK

The standard pallet truck offers a lifting capacity up to 2.5 tonne and is available with wide or long reach forks. Designed for smooth surface transportation of boxed or palletised loads, these pallet trucks are very simple to operate and are ideal for most industries.



SACK BARROW

- Carrying capacity 200KG
- Solid or pneumatic wheels
- Large base plate
- Other models available



TURNTABLE TRUCK

Available with solid or pneumatic tyres and will carry loads up to 2 tonne, these robust trucks are ideal for indoor and outdoor use and are available with various bed sizes and drop sides.



MATERIAL LIFTS

This manually operated winch is designed for quick and easy assembly and is capable of raising and positioning loads up to 7.6 metres.

Model	HOL	SWL
SLA10	3M	454KG
SLA15	4.5M	363KG
SLA20	6.6M	363KG
SLA25	7.6M	295KG

Optional Attachments are available:

Fork Extensions*
 Boom Attachment*
 Load Plate

*Some attachments affect the SWL

Optional purchase is available on all products featured in this catalogue : **01482 219998**

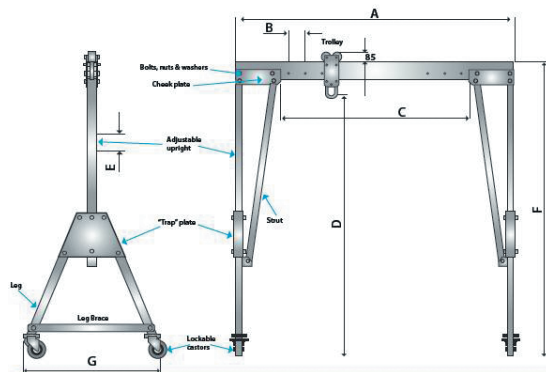
Material Handling



ALUMINIUM GANTRIES

Lightweight and portable with easy manual assembly, the Porta Gantry has a simple height and span adjustment and is fitted with 360 degree swivel locking castors. S.W.L from 500kg up to 5000kg Beam Lengths 3, 4.5 and 6 metres.





NOTE - Beam height adjustment

The height of each gantry beam is easily adjusted by the release of 2 bolts on each upright and can be easily raised into position by increments of 200 or 150mm.

To assist with this activity a Geared Wheel or Ratchet system is provided for the larger gantries.

REID PORTA-GANTRY STANDARD UNIT DATA SHEET

	Overall Beam Length	Span Adjustment Increment	Max Working Span	Max Height to Lifting Eye	Height Adjustment Increment	Min Height to Lifting Eye	Max Height to Top of Beam	Max Width Across Legs	Assembled Weight (Ex Trolley)	Beam Weight	A Frame Weight		
	A	B	C	D	E		F	G					
WLL Kg/ Frame Size	mm	mm	mm	mm	mm	mm	mm	mm	Kg	Kg	Kg		Kg
500 [S]	2500	200	1590	2381	150	1811	2878	1220	85	19	33	1	92
1000 [M]	3520	200	3000	2854	150	2104	3171	1429	109	29	40	2	118
2000 [I]	4570	200	3650	3198	200	2198	3514	1728	125	33	48	2	132
3000 [T]	4570	200	3650	4089	200	2889	4405	2011	205	43	52	3	212
5000*[I]	4570	200	3650	3188	200	2188	3818	1728	285	71	57**	2/4	275
5000*[T]	4570	200	3650	4040	200	2940	4485	2011	284	71	109**	2/4	254

All WLL ratings can be produced in each standard frame size

Custom spans, height and Working Load Limits (WLL) on application

*N.B. PG5000 beam depth (250mm), trolley depth (750) & trolley top above beam (125mm) are larger than the standard beam depth (152mm), trolley depth (385mm) and trolley top above beam (85mm)

** This weight includes the stabiliser leg option

Please note that dimensions may vary marginally N.B. No leg brace fitted on 'S' systems

Patent Application Numbers: 0722596.4, GB 2457875A, 08031205 International Patent Application Numbers: PCT/EP2008/065675, PCT/GB2009/000467

Optional purchase is available on all products featured in this catalogue : 01482 219998



HYDRAULIC HAND PUMPS

Manual and Electric Pumps to suit each application. 10,000 psi*. Single acting cylinders.

*Maximum working pressure.



LOW HEIGHT CYLINDERS

Lifting capacity from 5 - 100 tonne. Very compact design, ideal for general lifting and positioning suitable for all basic maintenance applications. Light weight and portable with a wide selection of closed height and strokes to suit each application.



STANDARD HYDRAULIC CYLINDERS

Lifting capacity from 5 - 50 tonne. Designed for use in all positions. High strength alloy steel for durability. Available with a wide range of closed heights and strokes to suit each application.



HIGH TONNAGE CYLINDERS

Lifting capacity from 50 - 250 tonne. Used for all lifting operations where high forces and compact dimensions are required. Available in a wide range of closed heights and strokes to suit each application.



HYDRAULIC JACKS

With a selection of jacks rated from 5 tonne up to 60 tonne on stock, these lightweight but heavy duty jacks are designed for conventional lifting with an option of a claw fitting for low height lifting applications.



SKOOTS

Lifting capacity 2000kgs
Max lift 400mm

- Economical, simple, manoeuvrable and safe
- Skoots are simple to operate and requires minimal training
- Secure the load to the eyebolts fitted to the frame using straps supplied
- Pump the handle on the hydraulic jack to raise load
- Move load in position using directional lock-on castors if required
- Lower the load with accuracy using the valve wheel on the jack



MACHINE SKATES

Used to support loads from 6 tonne up to 100 tonne, these quality machine moving skates are available with nylon or steel rollers



ELECTRIC STAIR CLIMBER

The stair climbers are capable of loads from 40kg up to 310kg. Designed to erradicate the problems of lifting and moving heavy loads up or down stairs.



CHAIN BLOCKS

Available from 250kg up to 20 tonne. Chain lengths from 3 metre up to 25 metre, alternative sizes are available fitted with full swivel top and bottom hooks.



LEVER HOIST

SWL. 250kg up to 9 tonne
Compact design combined with strength and durability, lever hoists are extremely robust and easy to operate. Standard chain length 1.5 metre although other lengths are available.



LIFTING PULLING MACHINE

- Capacity 800KG - 3.2 tonne
- For lifting, pulling and positioning heavy loads
- The TU range are unrivalled in terms of durability and steariness



ELECTRIC CHAIN BLOCKS

- Lifting capacity from 250kg - 3 tonne
- Excellent closed height dimensions
- Adjustable upper and lower limit switches available on some hoists
- 110 volt and 3 phase powered hoists available
- Various heights of lift available



MINIFOR HOIST

SWL. 300kg and 500kg
Unit weight. 21.5 kg
Speed. 5m/min
110v

Lightweight, compact and easy to handle, the minifor hoist offers an unlimited height of lift with a lifting capacity ranging of 300kg and 500kg.



HYDRAULIC TIRFOR

This consists of a hydraulic power pack with an electric or petrol motor which allows remote operation either single or with up to 4 tirfor TU16H or TU32H machines together, each fitted with hydraulic rams.

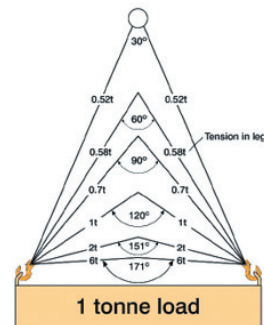


CHAIN SLINGS

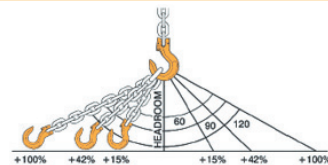
- Available in chain sizes from 7mm to 32mm
 - Larger sizes are available
 - Single leg, 2 leg, 3 leg and 4 leg combinations
 - Wheelbarrow sling also available
- Call depot for all details

In this catalogue the minimum working load limit for each chain is shown. These ratings are based on ideal conditions, however in practice, working conditions may vary widely. All applications should be assessed by a competent person in order to establish the size and type of sling required.

In the case of multi-leg slings, the angle between the legs is critical. The actual tension on each leg increases as shown in the diagram opposite. For this reason all general purpose chain slings are given a rating based upon use at a range of angles up to 45° to the vertical. A reduced rating is also given for use in the range of angles between 45-60°. Chain slings should never be used at angles greater than 60° to vertical.



A distance between the crane hook and the load is known as the "Head Room". If a specific head room is required, the "Reach" of the chain sling must increase as the angle between the legs increases as shown opposite.

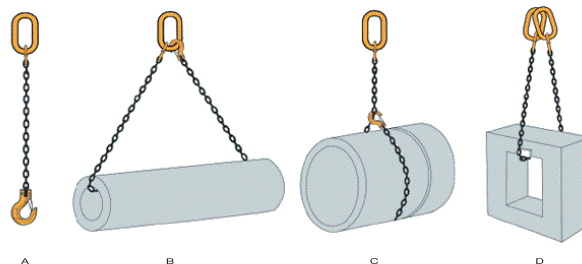


The reach of a chain sling is the distance between bearing points of the upper and lower terminal fittings. This distance, commonly known as the "Bearing to Bearing" should be quoted when ordering slings. Shortening clutches may be fitted to a sling, making the reach adjustable, hence increasing the versatility of the sling.



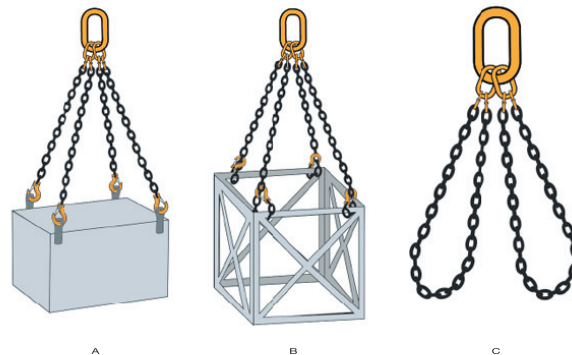
Chain Size mm	Straight Lift	Single Leg in Basket Hitch (back hooked onto top link)	Choke Hitch	Basket Hitch
7mm	1.5	1.2	1.2	2.1
8mm	2.0	2.0	1.6	2.8
10mm	3.15	3.15	2.5	4.25
13mm	5.3	5.3	4.2	7.5
16mm	8.0	8.0	6.4	11.5
20mm	12.5	12.5	10.0	17.0
22mm	15.0	15.0	12.0	21.2
26mm	21.2	21.2	17.0	30.0
32mm	31.5	31.5	25.2	45.0
	A	B	C	D

All loads shown in tonnes



Chain Size mm	Straight Lift		Choke Hitch		Double Basket	
	0 - 45°	45° - 60°	0 - 45°	45° - 60°	0 - 45°	45° - 60°
7mm	3.1	2.2	2.5	1.7	3.1	2.2
8mm	4.2	3.0	3.3	2.4	4.2	3.0
10mm	6.7	4.75	5.3	3.8	6.7	4.75
13mm	11.2	8.0	8.9	6.4	11.2	8.0
16mm	17.0	11.8	13.6	9.4	17.0	11.8
20mm	26.5	19.0	21.2	13.2	26.5	19.0
22mm	31.5	22.4	25.5	17.9	31.5	22.4
26mm	45.0	31.5	36.0	25.2	45.0	31.5
32mm	67.0	47.5	53.6	38.0	67.0	47.5
	A		B		C	

All loads shown in tonnes



Chain Slings

SPREADER BEAMS

The Modulift System has a wide range of Modular Spreader System components, offering a variety of different spans for all your lifting needs.

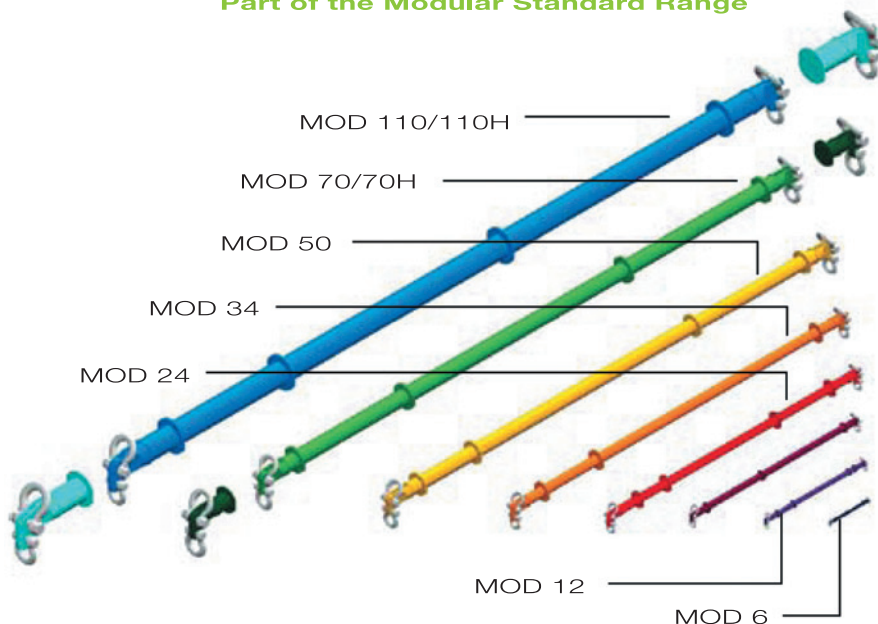
The sizes range from 2 - 5,000 tonnes with spans available from 0.3 - 53m.

The flexibility of the modular configuration enables our Spreader Systems to be reused time and time again, providing a cost-effective solution.

WHAT SIZE BEAM DO I NEED?

First select the span you require, then select the WLL you need for that span. The MOD 12, 24 and 34 are part of the Portable Range. All components are suitable for manual handling apart from the longer struts from MOD 24 and MOD 34 which require 2-4 people to lift them. The MOD 50 to MOD 110H are part of the HEAVY RANGE.

Part of the Modular Standard Range

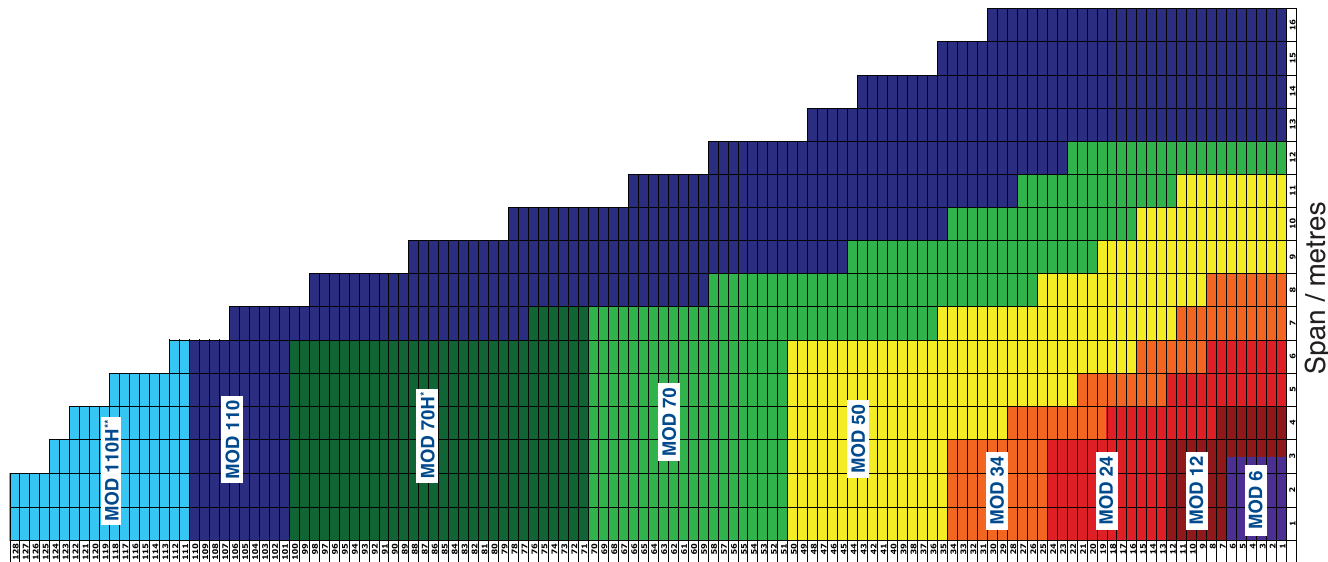


LOAD V SPAN CHART

MOD 6 to MOD 110H

@ 45° Beta (□) Sling Angle (STV)

IF THE SPAN OR LOAD YOU NEED
ISN'T SHOWN HERE, ASK YOUR
TOP- LIFTING REPRESENTATIVE
FOR DETAILS OF OUR CUSTOM
DESIGN AND BUILD SERVICES!



Safe working load / tonnes @ 45 ° Beta (β) Sling Angle

* 50t end units are available for the MOD 70H

** 85t end units are available for the MOD 110H



BEAM TROLLEY

- Available from 500KG to 5 tonne
- Quick Release beam trollies
- Adjustable beam trollies
- Trolley wheels fitted with bearings for smooth easy movement
- Large suspension eye
- Larger sizes available



BEAM CLAMP

- Available from 1 tonne to 10 tonne
- Fitted with screw bar to adjust beam widths
- The beam clamp provides a quick and versatile rigging point for hoisting equipment
- Larger sizes available



GEARED BEAM TROLLEY

- Available sizes. 500kg to 10 tonne
- Available in various sizes and chain lengths to suit a wide range of applications
- For precise manual movement of suspended loads

WEB SLINGS



Rated in accordance with EN1492-1
Factor of safety 7:1
100% polyester material
SWL from 1 tonne to 30 tonne
Various lengths available
Colour coded in accordance with EN1492-1



ROUND SLINGS

Rated in accordance with EN1492-1
Factor of safety 7:1
100% polyester material
SWL from 1 tonne to 50 tonne
Various lengths available
Colour coded in accordance with EN1492-1



RATCHET LASHING

Rated in accordance with EN12195-2
Available in various lengths
fitted with claw or delta hooks
25mm , 50mm & 75mm width webbing
available



COLLARED EYEBOLTS

Made from high tensile steel
self colour finish
metric and UNC thread
{other threads available}
Sizes 6mm to 30mm Metric
*3/8" up to 1 1/8" UNC

DYNAMO EYEBOLTS

Sizes 6mm to 30mm Metric
*1/4" up to 1" UNC

LONG SHANK COLLARED EYEBOLTS

Sizes 6mm up to 24mm Metric
*3/8" up to 1" UNC

*Additional sizes at request



ALLOY SHACKLES

Green pin shackles fitted with screw
pin or safety pin
Available in dee or bow
Sizes from 500kg to 120 tonne
grade 6 material
Manufactured in accordance with
EN13889



SELF COLOUR SHACKLES

Available in dee or bow
Sizes from 250kg to 12 tonne
Self colour and galvanised
Other pin types available upon
request



SAFETY HARNESS

The full body safety harness offers you protection and reassurance when working at heights. Fitted as standard with front and rear anchor attachments and size adjustable, the full body harness is both light and comfortable to wear.



LANYARDS

- Restraint lanyards
0.5-2m length
- Shock absorbed lanyards
1.5-2m Length
- Shock absorbed twin lanyard
1.5-2m Length
- Elasticated shock absorbed lanyards
- All available with karabinas or scaffold hooks



TRIPOD & WINCH

- Aluminium construction for easy lifting
- Telescopic legs
- Easy to erect
- Winch has 20 metres of cable
- Automatic brake
- Easy attachment of winch to tripod



FALL ARREST BLOCKS

Designed with an automatic braking function in the event of a fall.

The fall arrest block is very lightweight and portable and has lengths from 10 metres up to 30 metres. Used between an anchor point direct to the harness this is an effective means of fall prevention when working at heights.



ESCAPE SETS










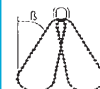
This breathing apparatus has been designed to provide safe and unhampered escape from hazardous environments when breathing has become difficult or endangered.



GAS MONITOR

Light and portable and easy to use, the multi gas monitor is designed for total reassurance and reliability when working in potential life threatening environments. Constantly monitoring the environment for dangerous levels of gas it has a programmed continuation alert when in use for added reassurance.

Grade 8 Chain Sling Working Load Chart

Safety factor	1 leg	2 legs		3 or 4 legs		Choker endless sling	Basket sling			
4										
Working angles	—	$0^\circ < \beta \leq 45^\circ$	$45^\circ < \beta \leq 60^\circ$	$0^\circ < \beta \leq 45^\circ$	$45^\circ < \beta \leq 60^\circ$	—	$0^\circ < \beta \leq 45^\circ$	$0^\circ < \beta \leq 45^\circ$	$0^\circ < \beta \leq 45^\circ$	$0^\circ < \beta \leq 45^\circ$
Load factor	1	1.4	1	2.1	1.5	1.6	1.4	2.1	1	1.4
d mm	Grade 8 Chain Sling Working Load Chart									
7	1.50	2.12	1.50	3.25	2.24	2.50	2.12	3.15	1.50	2.12
8	2.00	2.80	2.00	4.25	3.00	3.15	2.80	4.25	2.00	2.80
10	3.15	4.25	3.15	6.70	4.75	5.00	4.25	6.70	3.15	4.25
13	5.30	7.50	5.30	11.20	8.00	8.50	7.50	11.20	5.30	7.50
16	8.00	11.20	8.00	17.00	11.80	12.50	11.50	17.00	8.00	11.20
20	12.50	17.00	12.50	26.50	19.00	20.00	17.00	26.50	12.50	17.00
22	15.00	21.20	15.00	31.50	22.40	23.60	21.20	31.50	15.00	21.20
26	21.20	30.00	21.20	45.00	31.50	33.50	30.00	45.00	21.20	30.00
32	31.50	45.00	31.50	67.00	47.50	50.00	45.00	67.00	31.50	45.00

Rated Capacities for Webslings & Roundslings

Duplex and Single Webslings



Roundslings and Endless Webslings



		Straight Pull M*=1	Choke Hitch M*=0.8	Basket Hitch		2 Leg Sling Max 90° M*=1.4	4 Leg Sling Max 90° M*=2
				Parallel M*=2	90° M*=1.4		
<p>Working Load Limit = (WLL) =</p> <p>Sling rating x Mode Factor (M*)</p> <p>All loads in tonnes</p> <p>Factor of Safety for all Webslings & Roundslings is 7:1</p>	VIOLET 30	1.0	0.8	2.0	1.4	1.4	2.0
	GREEN 60	2.0	1.6	4.0	2.8	2.8	4.0
	YELLOW 90	3.0	2.4	6.0	4.2	4.2	6.0
	GREY 120	4.0	3.2	8.0	5.6	5.6	8.0
	RED 150	5.0	4.0	10.0	7.0	7.0	10.0
	BROWN 180	6.0	4.8	12.0	8.4	8.4	12.0
	BLUE 240	8.0	6.4	16.0	11.2	11.2	16.0
	ORANGE 300	10.0	8.0	20.0	14.0	14.0	20.0
	ORANGE 300	12.0	9.6	24.0	16.8	16.8	24.0

Charts

TEST & INSPECTION SERVICES

Why not let Top-lifting's team of highly experienced and qualified personnel handle all your statutory requirements for lifting equipment. Working together with our customers we operate within the HSE regulations and guidelines to ensure we can keep your lifting resources on the right side of the law.

We can organise all your inspections and even inform you when your own equipment is due for service. We can also provide you with your own unique colour code certification scheme which enables you to see at a glance that your equipment is fit for purpose.

We offer a complete repair, test and service for the vast majority of lifting equipment and can tailor a maintenance programme to suit your needs.

SPECIALIST SERVICES

We are able to work with our customers to design, install, test and certify any bespoke lifting requirements.

Equally, utilising our extensive range of lifting equipment, we can offer you package deals for movement of your plant or machinery.

See inset pictures of work carried out for Cargill PLC.



Your Notes

Optional purchase is available on all products featured in this catalogue : **01482 219998**

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