



LIFT & MOVE ENTERPRISE

www.liftmoveindia.com

LIFTING | RIGGING | SAFETY | PACKAGING

Lift & Move Enterprise is a dynamic and innovative organisation committed to delivering high-quality products/services in Lifting, Rigging, Packaging & Safety. Established in 2010, we have rapidly grown into a market leader known for our unwavering dedication to customer satisfaction and cutting-edge solutions. Our team of skilled professionals brings a wealth of expertise to every project, ensuring excellence in execution and exceeding client expectations.

Lift & Move Enterprise prides itself on a strong commitment to integrity, sustainability, and social responsibility, with a vision to make a positive impact on the communities we serve. Through continuous innovation, strategic partnerships, and a customer-centric approach, we aim to remain at the forefront of our industry, driving growth and fostering long-term relationships with our valued clients.

Mission Statement

At **Lift & Move Enterprise**, our mission is to empower industries with high quality material handling solutions that elevate efficiency and safety. Committed to excellence, we strive to be the preferred partner in providing innovative and reliable equipment designed to lift and move materials of all sizes and weights. With a focus on quality craftsmanship and customer satisfaction, we aim to enhance the productivity of businesses while promoting a culture of safety and sustainability.

Vision Statement

Our vision at **Lift & Move Enterprise** is to be a leader in material handling, setting the standard for reliability, innovation, and customer service. We aspire to continuously advance our technologies, expanding our product range to meet evolving industry needs. By fostering a culture of collaboration and integrity, we envision a future where our solutions play a pivotal role in optimising supply chains, manufacturing processes, and logistics worldwide. **Lift & Move Enterprise** is dedicated to shaping a world where seamless material handling contributes to the success and sustainability of businesses across diverse sectors."



Quality Policy

At **Lift & Move Enterprise**, we are unwavering in our commitment to delivering superior quality material handling solutions. Our quality policy is rooted in the following principles:

* **Customer Satisfaction:** We prioritize the needs and expectations of our customers, striving to exceed their requirements by consistently providing reliable and innovative material handling products. We actively seek feedback to continually improve our offerings and enhance customer satisfaction.

* **Product Excellence:** We uphold the highest standards of craftsmanship and engineering in the design, manufacturing, and testing of our material handling items. Our dedicated team of professionals ensures that every product leaving our facility meets or exceeds industry regulations and customer specifications.

* **Continuous Improvement:** We foster a culture of continuous improvement, encouraging our employees to identify opportunities for innovation, efficiency enhancement, and quality optimisation. Through regular training and development programs, we empower our team to stay at the forefront of industry advancements.

* **Regulatory Compliance:** Lift & Move Enterprise is committed to complying with all relevant laws, regulations, and industry standards. Our quality management system is designed to meet or exceed the stringent requirements governing the manufacturing and distribution of material handling equipment.

* **Environmental Responsibility:** We are dedicated to minimising our environmental impact by promoting sustainable practices in our manufacturing processes. From the selection of materials to waste management, we strive to operate in an environmentally responsible manner.

* **Employee Engagement:** Our success is driven by the expertise and dedication of our employees. We promote a collaborative and supportive work environment, encouraging all team members to take pride in their work and contribute to the pursuit of quality excellence.

By adhering to these principles, **Lift & Move Enterprise** is committed to delivering quality material handling solutions that inspire confidence, enhance operational efficiency, and contribute to the success of our customers and the overall industry."



POLYESTER WEBBING SLING



Lift & Move Enterprise is one of the leading manufacturer of Heavy Duty Polyester Webbing made from High Tenacity Polyester Yarn and also manufacture Polyester Slings upto 30 tons capacity as per international standards & 50 tons per commercial requirements.

We have the facility with Muller Power looms and equipment to manufacture High Quality Webbings and latest Sewing Machines to supply consistent quality slings.

POLYESTER WEBBING SLINGS

- Varieties available - SIMPLEX / DUPLEX / TRIPLEX / QUADRAPLEX
- Wide & Flat load bearing surface, good adaptability to the goods.
- Reinforced eyes at both ends for lifting
- Manufacture as per EN-1492-1 / ASME B 30.9 / IS-15041
- Color-coded lifting-capacity as per EN-1492-1
- Light Weight, Flexible and protection of the loaded goods
- High working load limits with low own-weights
- Pleasant handling without problems & injuries
- No electrical conductivity
- High abrasion resistance
- No risk of injury to the working staff



VERTICAL MODE-KGS	CHOKER MODE-KGS	BASKET MODE-KGS	0-90 DEG. KGS	91-120 DEG.-KGS	WEBBING SLING Width(MM)			
					PSWS	PDWS	PWTS	PWQS
500	400	1000	700	500	25	-	-	-
1000	800	2000	1400	1000	50	25	-	-
2000	1600	4000	2800	2000	100	50	-	25
3000	2400	6000	4200	3000	150	75	50	-
4000	3200	8000	5600	4000	200	100	-	50
5000	4000	10000	7000	5000	250	125	75	-
6000	4800	12000	8400	6000	300	150	100	75
7500	6000	15000	10500	7500	-	-	125	-
8000	6400	16000	11200	8000	-	200	-	100
9000	7200	18000	12600	9000	-	-	150	-
10000	8000	20000	14000	10000	-	250	-	125
12000	9600	24000	16800	12000	-	300	200	-
15000	12000	30000	21000	15000	-	-	250	150
16000	12800	32000	22400	16000	-	-	-	200
18000	14400	36000	25200	18000	-	-	300	-
20000	16000	40000	28000	20000	-	-	-	250
24000	19200	48000	33600	24000	-	-	-	300



example types of loops




examples of covers

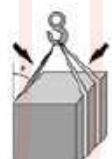


POLYESTER WEBBING SLING

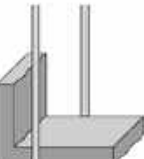
Recommendations of use




▶ Check the weight of the load. Never overload and do not exceed Working Load.



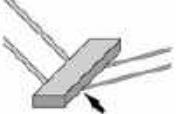
▶ Take into account the lifting configuration and the lifting angle.



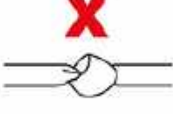
▶ Consider the centre of gravity of the load.



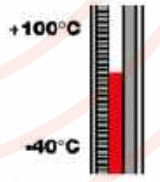
▶ Never hang the slings on the hook tip.




▶ Protect slings from sharp edges.




▶ Never tie knots.




▶ Use slings at temperatures ranging from -40°C to +100°C.



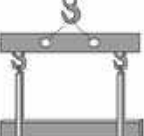
▶ Consult manufacturer in case of chemical exposure.




▶ Consider hook dimensions. If necessary use shortening hook.



▶ Destroy and replace slings as soon as the wearing indicator is visible (available on MEGA round slings only).



▶ Make sure the load is uniformly distributed on the whole sling width.



▶ Connect slings together using appropriate loops and metal rings only.

REACTION TO CHEMICALS

When round and flat webbing slings come into contact with chemicals, the following factors should be taken into account:



YOUR SAFETY DEPENDS ON THE CORRECT USE OF ROUND AND FLAT WEBBING SLINGS. DO NOT HESITATE TO CONTACT US.

POLYESTER RESISTANCE

Data for guidance only. They may vary according to the various factors mentioned above.

Products	Concentration %	Effect on the material		Products	Concentration %	Effect on the material	
		T = 20°C	T = 50°C			T = 20°C	T = 50°C
Acetone - C ₃ H ₆ O	-	B	C	Glycerin - C ₃ H ₈ O ₃	-	A	A
	10	A	A	Engine oil - Not applicable	-	A	A
	50	A	A	Castor oil - Not applicable	-	A	B
Acetic acid C ₂ H ₄ O ₂	90	A	A	Hydroxide Sodium hydroxide - NaOH	10	A	B
	100	B	C	50	B	C	
	2	B	B	Hypochlorite calcium hypochlorite - Ca(ClO) ₂	20	B	B
Acid Hydrochloric HCl	10	B	B	Lanolin - Not applicable	-	A	A
	30	B	C	Lubricant Not applicable	-	A	A
	38	C	C	Methanol - CH ₃ OH	-	A	A
Chromic acid H ₂ CrO ₄	1	B	C	Methyl ethyl ketone - C ₄ H ₁₀ O	-	A	/
	50	C	C	Naphthalene - C ₁₀ H ₈	-	A	/
	80	C	C	Nitrobenzene - C ₆ H ₅ NO ₂	-	B	C
Lactic acid C ₃ H ₅ O ₃	20	A	A	Peroxide hydrogen [oxygenated water] H ₂ O ₂	1	A	A
	10	A	B		3	B	C
	50	B	C		10	B	C
Nitric acid HNO ₃	70	C	B	30	B	C	
	fastant	D	D	Phenol - C ₆ H ₅ O	5	C	D
	25	B	C	Saturated lye NaOH + H ₂ O	-	A	B
Phosphoric acid H ₃ PO ₄	2	B	C	Silicone - Not applicable (polymer)	-	A	A
	10	B	C		10	/	/
	50	C	C		25	C	C
Sulphuric acid H ₂ SO ₄	98	D	D	100	C	C	
	-	B	C	Tetrachloride Carbon - CCl ₄	-	A	A
	-	A	A	Toluene - C ₇ H ₈	-	A	A
Ammonia (gas) NH ₃	-	B	C				
Benzene - C ₆ H ₆	-	A	B				
Bromine (gas) - Br ₂	-	B	C				
Carbon dioxide - CO ₂	-	A	A				
Chlorinated water - Cl ₂ + H ₂ O	-	A	A				

A : Good

B : Medium

C : Bad

D : Very bad

POLYESTER ROUNDSLING



Round slings (Endless Slings) are soft and flexible slings used for lifting and close transport of heavy loads of general purpose. The slings are made of polyester (PES). Inside the protective sleeve are polyester fibres gathered in strands, which are responsible for the load capacity of the entire sling. Seamless polyester sleeve protects the fibres and gives shape.

Features

- made of a core in the form of a polyester coil and a protective jacket
- materials used: High Tenacity polyester yarn, high quality polyester protection, very strong polyester threads,
- large ratio of the sling's own weight to its lifting capacity,
- lightweight - easy and convenient to use and store,
- soft - they do not damage sensitive surfaces,
- flexible + "slippery" surface - ideal for loop fastening,
- a proved - made in accordance with EN 1492-2,
- safety ratio 5:1 (as per ASME B30.9 Standard)
- resistant to moisture, mineral acids, oils and greases,
- operating temperature from -40°C to 100°C,
- color codes as per EN-1492-2, makes it easy to determine the load capacity,
- used for lifting loads that do not have lifting eyes.

Use

- suitable for lifting loads such as shafts, pillars, pipes, columns and loads with painted surfaces,
- mostly used for tying around loads,
- they are used in construction companies - where building materials,
- finishing materials and heavy industrial machinery are open transported,
- they are used in workshops, warehouses and production halls,
- they are also used to move materials, products and finished raw materials.

Type	Sling colour	Working load limit WLL [kg]					
		100%	80%	200%	140%	100%	asymmetrical 100%
ZW 1	Violet	1 000	800	2 000	1 400	1000	1 000
ZW 2	Green	2 000	1 600	4 000	2 800	2000	2 000
ZW 3	Yellow	3 000	2 400	6 000	4 200	3 000	3 000
ZW 4	Grey	4 000	3 200	8 000	5 600	4 000	4 000
ZW 5	Red	5 000	4 000	10 000	7 000	5 000	5 000
ZW 6	Brown	6 000	4 800	12 000	8 400	6 000	6 000
ZW 8	Blue	8 000	6 400	16 000	11 200	8 000	8 000
ZW 10	Orange	10 000	8 000	20 000	14 000	10 000	10 000
ZW 12	Orange	12 000	9 600	24 000	16 800	12 000	12 000
ZW 15	Orange	15 000	12 000	30 000	21 000	15 000	15 000
ZW 20	Orange	20 000	16 000	40 000	28 000	20 000	20 000
ZW 25	Orange	25 000	20 000	50 000	35 000	25 000	25 000
ZW 30	Orange	30 000	24 000	60 000	42 000	30 000	30 000
ZW 40	Orange	40 000	32 000	80 000	56 000	40 000	40 000
ZW 50	Orange	50 000	40 000	100 000	70 000	50 000	50 000
ZW 60	Orange	60 000	48 000	120 000	84 000	60 000	60 000
ZW 80	Orange	80 000	64 000	160 000	112 000	80 000	80 000
ZW 100	Orange	100 000	80 000	200 000	140 000	100 000	100 000
ZW 120	Orange	120 000	96 000	240 000	168 000	120 000	120 000
ZW 150	Orange	150 000	120 000	300 000	210 000	150 000	150 000

Protective covers are ordered to extend the life of round slings.



Type A



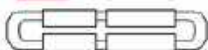
Type C



Type B

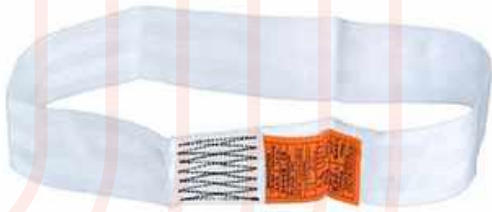


Type D



CORE YARNS

ONE WAY / SINGLE USE SLING



The Benefits of One-Way/Single-Use Slings for Transportation, When it comes to transporting goods that need to be loaded and unloaded throughout the journey, one-way/single-use slings provide an affordable solution. These slings make it easy to transport items from the source to the destination.

Features

- materials used: High Tenacity polyester yarn, high quality polyester protection, very strong polyester threads,
- large ratio of the sling's own weight to its lifting capacity,
- lightweight - easy and convenient to use and store,
- soft - they do not damage sensitive surfaces,
- flexible + "slippery" surface - ideal for loop fastening,
- resistant to moisture, mineral acids, oils and greases,
- operating temperature from -40°C to 100°C
- low cost effective slings for one way use

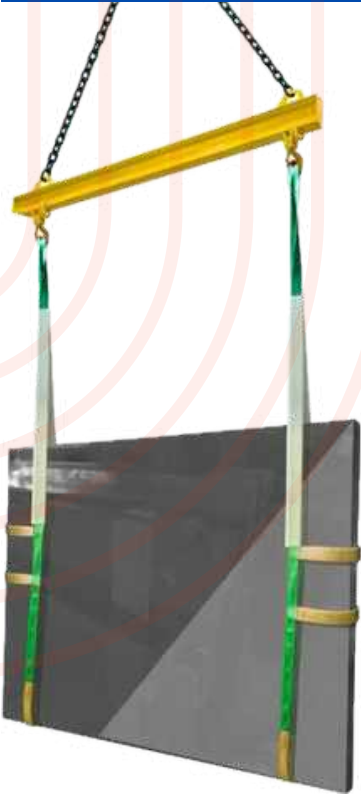
Use

- suitable for lifting loads from Source to the destination
- mostly used for tying around loads,
- Widely used in Steel Tubes and Metal tubes Industries
- Best solution for Export Industries

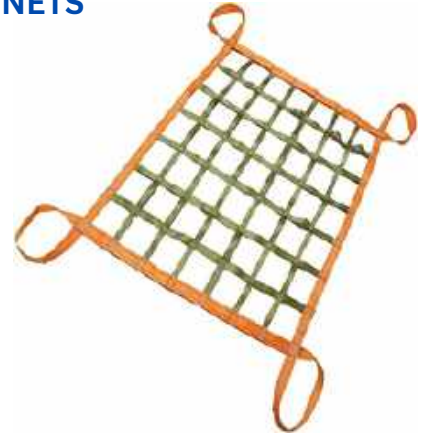


NOTE: As no harmonized standard exists to state the safety factor for one-way slings. This explains why you can find on market slings with safety factors of 5:1 or even 3:1. However, according to European directive 2006/42/CE and to provide higher safety we recommend a safety factor of 7:1 as for regular textile slings. Contact us for any further information. Your safety depends on the proper use of your product.

SPECIAL PURPOSE SLINGS



CARGO NETS



GLASS LIFTING SLINGS



PIPE LOWERING SLINGS



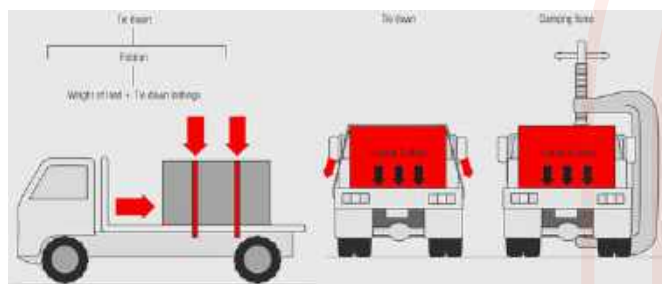
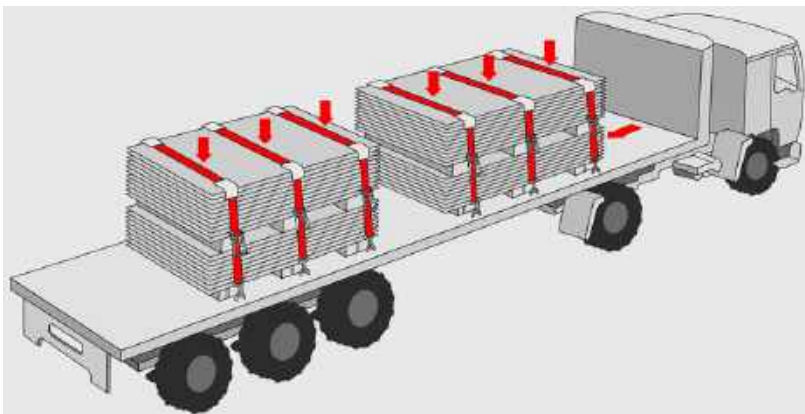
SPECIAL PURPOSE SLINGS



TIE DOWN LASHING

The simplest method of load securing is tie down lashing. This involves placing at least two lashing straps over a cargo unit, such as a box or crate, which are then tightened to the correct tension using a suitable ratchet.

This does not secure the object. Tightening increases the friction between the object and the cargo floor, which reduces the likelihood of the object moving. The tighter the straps, the greater the friction. But if there is a force greater than the friction, the object will move.



CONNECTING LINK

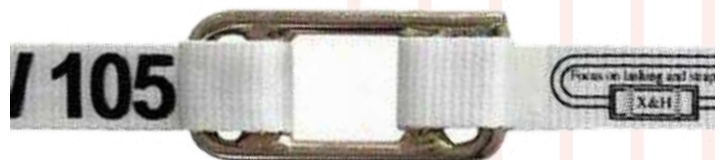
ONE WAY / SINGLE USE LASHING



ONE WAY Polyester woven lashings and strapping made from high tenacity polyester yarns has the highest tension retaining & shock absorbing capacity, with maximum joint efficiency and can secure cargo of more than 100 metric tons. It ensures rust free, scratch free, fungus free and damage free, lashing system. This lashing system is highly cost effective.

Features

- High strength, high elasticity, excellent elongation and retained tension.
- Very high shock absorbency capacity and recovery.
- Weather proof and high operative temperatures.
- Safe on products, scratch free and rust free.
- Lashing For Heavy Jobs
- Safe to use.
- Lighter than steel, easy and fast to apply even in confined spaces.
- Retensionable.



WIRE ROPE / SLINGS



Rope slings - the base is a steel rope of varying length, from which the slings are then formed - individual sections, connected by means of a collecting link, which is used to attach slings to the crane hook. They can have a different number of legs - from one to four.

There are also closed rope slings in which the tie chain forms a closed loop. We distinguish among them: one-leg rope slings crimped with sleeves, 1, 2, 3 and 4 leg slings, 1 and 2 loop slings, closed wire rope slings - Grommet. Rope slings are made of classic ropes 6x37 & 6x19.

Features

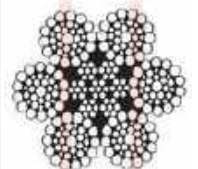
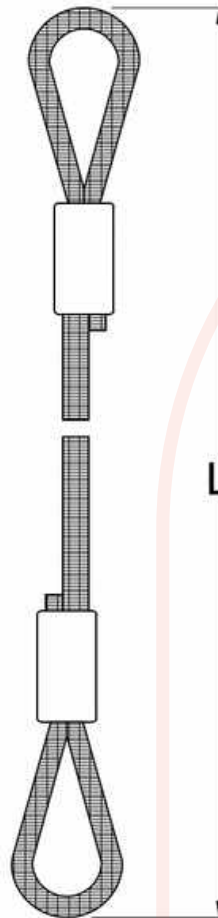
- made of ungalvanized steel ropes,
- high resistance to mechanical damage,
- resistance to external factors, durability,
- the possibility of long-term use,
- operating temperature from -40°C to 100°C.

Use

- are used in heavy industry (mining, metallurgy),
- also used in the automotive industry and in production halls,
- supporting equipment for transport and loading operations,
- they are also used to move materials, products and finished raw materials.



Rope diameter (mm)	Working load limit (t)	
	angle 0°	while strapped
8	700	560
10	1050	840
11	1300	1040
12	1550	1240
13	1800	1440
14	2120	1700
16	2700	2160
18	3400	2720
20	4350	3480
22	5200	4160
24	6300	5000
26	7200	5760
28	8400	6700
32	11000	8800
36	14000	11200
40	17000	13600
44	21000	16800
48	25000	20000
52	29000	23200
56	33500	26800
60	39000	31200



LIFTING CHAINS / CHAIN SLINGS

Chain slings are equipment used to work in the most demanding conditions. They have high values of permissible load and are the most durable of all types of slings. They have tie rods made of the highest quality steel and can be used for many years. They allow you to work on sharp edges and arches of lifted loads.

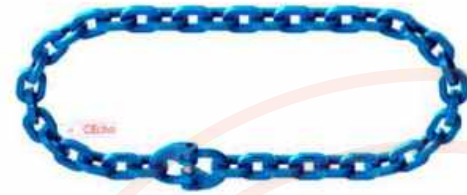
There are 1, 2, 3 and 4 chain slings, chain and closed-loop slings as well as single and double loop slings.


Features

- Alloy Steel Material used in Chains.
- Strong and durable.
- Higher abrasion resistance and thus longer lifetime of the sling.
- Corrosion protected chain, powder coated components,
- Connections made on connectors allow for repair
- Safety ratio of 4.
- Resistant to moisture, mineral acids, oils and greases
- operating temperature from -40°C to 200°C.

Use

- for transporting heavy, bulky loads,
- In crane companies,
- In production floors,
- In workshops,
- In all kinds of storage facilities,
- In shipyards.



G80 Alloy STEEL CHAIN SLING						
Chain	Single Legs	Double Legs		3-4-Legs		Endless sling chains
						
		$0^\circ < \beta \leq 45^\circ$	$0^\circ < \beta \leq 60^\circ$	$0^\circ < \beta \leq 45^\circ$	$0^\circ < \beta \leq 60^\circ$	
mm	kg	kg		kg		kg
6	1.120	1.600	1.120	2.360	1.700	1.800
7	1.500	2.120	1.500	3.150	2.240	2.500
8	2.000	2.800	2.000	4.250	3.000	3.150
10	3.150	4.250	3.150	6.700	4.750	5.000
13	5.300	7.500	5.300	11.200	8.000	8.500
16	8.000	11.200	8.000	17.000	11.800	12.500
18	10.000	14.000	10.000	21.200	15.000	16.000
20	12.500	17.000	12.500	26.500	19.000	20.000
22	15.000	21.200	15.000	31.500	22.400	23.600
26	21.200	30.000	21.200	45.000	31.500	33.500
32	31.500	45.000	31.500	67.000	47.500	50.000

SLING COMPONENTS



ALLOY STEEL CHAIN



MASTER LINK



MASTER LINK ASSEMBLY



CONNECTING LINK



OMEGA LINK



CLEVIS SLING HOOK



EYE SLING HOOK



SELF LOCKING HOOK



CLEVIS SELF LOCKING HOOK



GRAB HOOK



S HOOK



SWIVEL EYE HOOK



FOUNDRY HOOK



EYE HOOK



CONTAINER HOOK

LIFTING & RIGGING



**HOOK-HOOK
TURNBUCKLE**



**EYE-EYE
TURNBUCKLE**



**EYE-HOOK
TURNBUCKLE**



**FORK
TURNBUCKLE**



PULLEY BLOCK



LIFTING EYE NUT



**D-SHACKLE
SCREW PIN**



**BOW-SHACKLE
SCREW PIN**



**WIRE ROPE
CLAMP**



**D-SHACKLE
NUT-BOLT**



**BOW-SHACKLE
NUT-BOLT**

LIFTING CLAMPS

1 to 20 Tons Lifting Capacity



VERTICAL PLATE CLAMP



UNIVERSAL
VERTICAL PLATE CLAMP



HORIZONTAL PLATE CLAMP



WIDE HORIZONTAL PLATE CLAMP



MULTI PLATE
HORIZONTAL CLAMP



SCREW CLAMP



SCREW CLAMP
(WITH PULL HOLE)



PIPE LIFTING CLAMP

LIFTING POINTS

1 to 30 Tons Lifting Capacity



DIN 580 EYE BOLT



SWIVEL EYE BOLT



SIDE PULL SWIVEL POINT



HOIST RING



WELD ON EYE



WELD ON HOOK



ROTATING EYE BOLT



SWIVEL EYE BOLT

HOISTING & LIFTING

1 to 50 Tons Lifting Capacity



HAND CHAIN HOISTS



HAND LEVER HOIST



MOTORISED CHAIN BLOCKS



PERMANENT
MAGNET LIFTER



MAGNET
SHEET LIFTER



MARBLE
SLAB LIFTER

HOISTING & LIFTING

1 to 50 Tons Lifting Capacity



WIRE ROPE HOIST



MINI
WIRE ROPE HOIST



GEARED TROLLEY



ELECTRIC WIRE
ROPE WINCH



HAND WINCH



HAND WINCH



CRANE WEIGHING SCALE

INDUSTRIAL MOVEMENT



HYDRAULIC STACKER



HYDRAULIC PALLET TRUCK



CYLINDER TROLLEY



TROLLEY



METAL TROLLEY



HYDRAULIC LIFT TABLE



INDUSTRIAL TROLLEY



DRUM LIFTER

INDUSTRIAL SAFETY

PPE SAFETY PRODUCTS



**SAFETY HARNESS WITH
FALL ARRESTOR & LANYARD**



SAFETY HARNESS



SAFETY HELMET



SAFETY NET



SAFETY GLASSES



SAFETY GLOVES



SAFETY VEST



SAFETY SHOES



SAFETY GLOVES



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