



# Elevating Industrial Standards

Comprehensive Lifting & Material Handling Solutions for Heavy Industry

ISO 9001 Compliant  
Manufacturer

# THE STAKES IN HEAVY LIFTING ARE NON-NEGOTIABLE



# Rooted in Visakhapatnam, Built for Global Industry

## The Mission

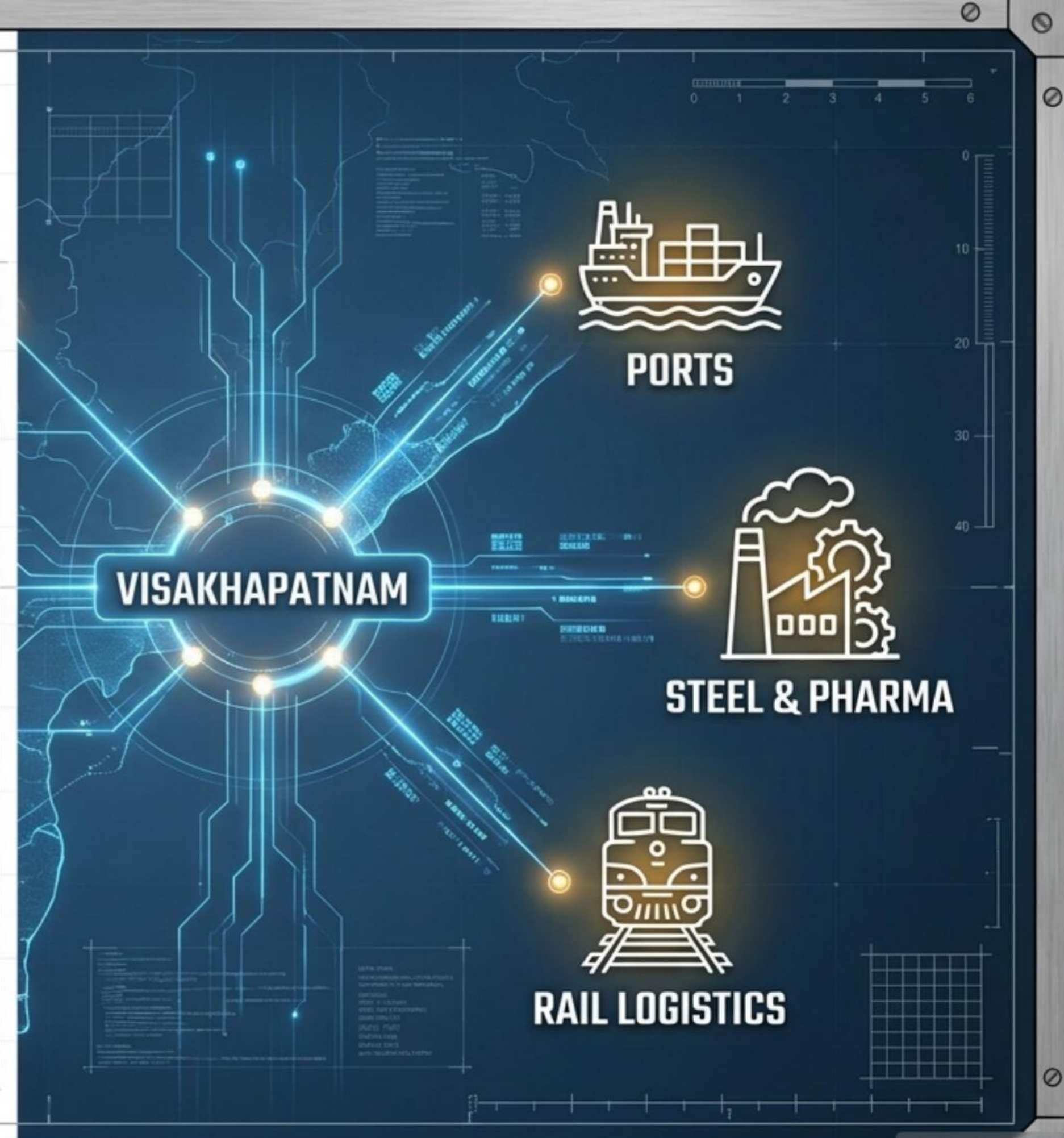
ISO 9001 compliant manufacturer of premium lifting, rigging, and material handling equipment.

## Local Strength

Strategically located in Vizag for rapid deployment to major ports and steel plants, minimizing client downtime.

## Global Standards

End-to-end manufacturing conforming strictly to EN, IS, and ASME engineering standards.



# THE ANATOMY OF A SAFE LIFT

STRUCTURAL INTEGRITY



## ANCHOR & TRAVERSE

Beam Clamps & Trolleys  
(Push/Geared/Electric up to 5T capacity)

LOAD LIMITS

LOAD LIMITS



## CONNECT & MEASURE

Rigging Hardware  
(Grade 80 Master Links, Alloy Shackles, Crane Load Cells)

1.00

LOAD LIMITS



## HOIST & PULL

Electric & Manual Hoists  
(Chain Pulley Blocks, Lever Hoists, Wire Rope Pullers)

FLOW DIRECTION

LOAD LIMITS



## GRIP & SECURE

Slings & Clamps  
(Webbing Slings, Plate Clamps, Magnetic Lifters)

STRUCTURAL INTEGRITY

# ENGINEERED FOR EVERY LOAD: SLINGS & CHAINS



## FLAT WEBBING SLINGS



**Material:** 100% High Tenacity Polyester



**Max Capacity:** Up to 24 Ton



**Ideal Use Case:** Structural steel, general purpose hoisting, protecting load surfaces.



## MULTILAYER ROUND SLINGS



**Material:** Endless load-bearing core



**Max Capacity:** Up to 110 Ton



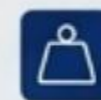
**Ideal Use Case:** Extremely heavy, cylindrical loads (pipes, pressure vessels), confined space rigging.



## GRADE 80 ALLOY CHAIN SLINGS



**Material:** In-house manufactured Alloy Steel

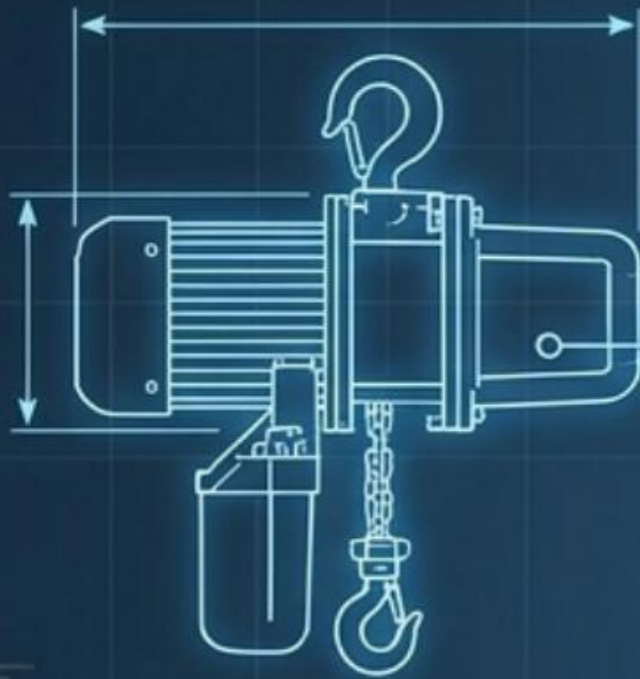


**Max Capacity:** Up to 12 Ton (Heat resistant up to 200°C)



**Ideal Use Case:** Steel melting shops, foundries, harsh chemical or abrasive environments.

# PRECISION LIFTING & POSITIONING MECHANICS



## ELECTRIC CHAIN HOISTS

Specs: 0.5T to 5T capacity.  
Squirrel cage induction motor.

Built-in wrong phase protector & IP-55 panel



## MANUAL PULLEY BLOCKS

Specs: 0.5T to 10T capacity.  
Spur alloy steel gears.

Friction disc brake with dual ratchet pawls



## RATCHET LEVER HOISTS

Specs: 0.75T to 6T capacity.  
EN 13157 compliant.

Instant load holding at any angle



## WIRE ROPE PULLERS

Specs: 0.8T to 5.4T lift capacity.  
5:1 rope safety factor.

Robust die-cast aluminum body  
(No external power)

# Secure Plate & Structural Handling

## Horizontal Clamps



**Type:** Standard and Roller designs.

**Specs:** Up to 7.5T (Pair). Jaw opening 0-120mm.

**Use:** Moving steel plates in rolling mills and fabrication shops.

## Vertical Clamps (Self-Gripping)



**Type:** Cam jaw tightens automatically under load.

**Specs:** Up to 12T. Vertical lifts only.

**Use:** I-beams, channels, and shipyard structural panels.

## Non-Marring Clamps



**Type:** Specialized protective jaw inserts.

**Specs:** Up to 12T (Pair).

**Use:** Finished, pre-painted, stainless steel, or aluminum surfaces.

## Permanent Magnetic Lifters



**Type:** Lever-switched magnetic circuit (No electricity).

**Specs:** Up to 5T. >3.5x max pull-off safety factor.

**Use:** Machine tool shops and steel service centers.

# THE CRITICAL CONNECTORS & LOAD MEASUREMENT



## SHACKLES (DEE & BOW)

Forged alloy/carbon steel (IS 6533).  
Up to 55T capacity.

Proof-tested to 2x WLL.  
Multi-directional and in-line loading.



## CE CERTIFIED:

1T to 20T capacity for proof-load testing  
and overload protection.

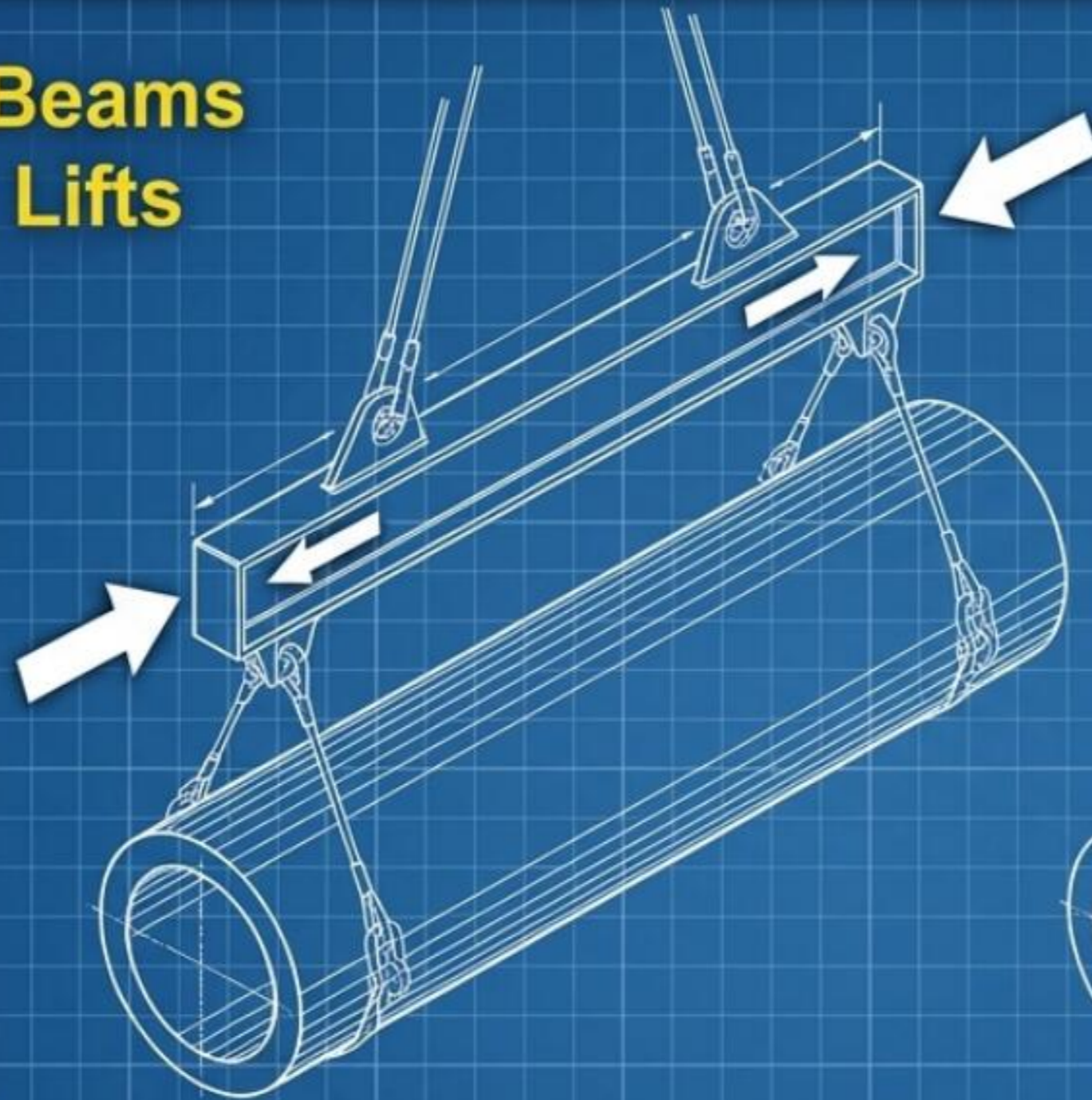


## MASTER LINKS & HOOKS

Grade 80 Oblong rings and Chain  
link connectors (EN 1677).

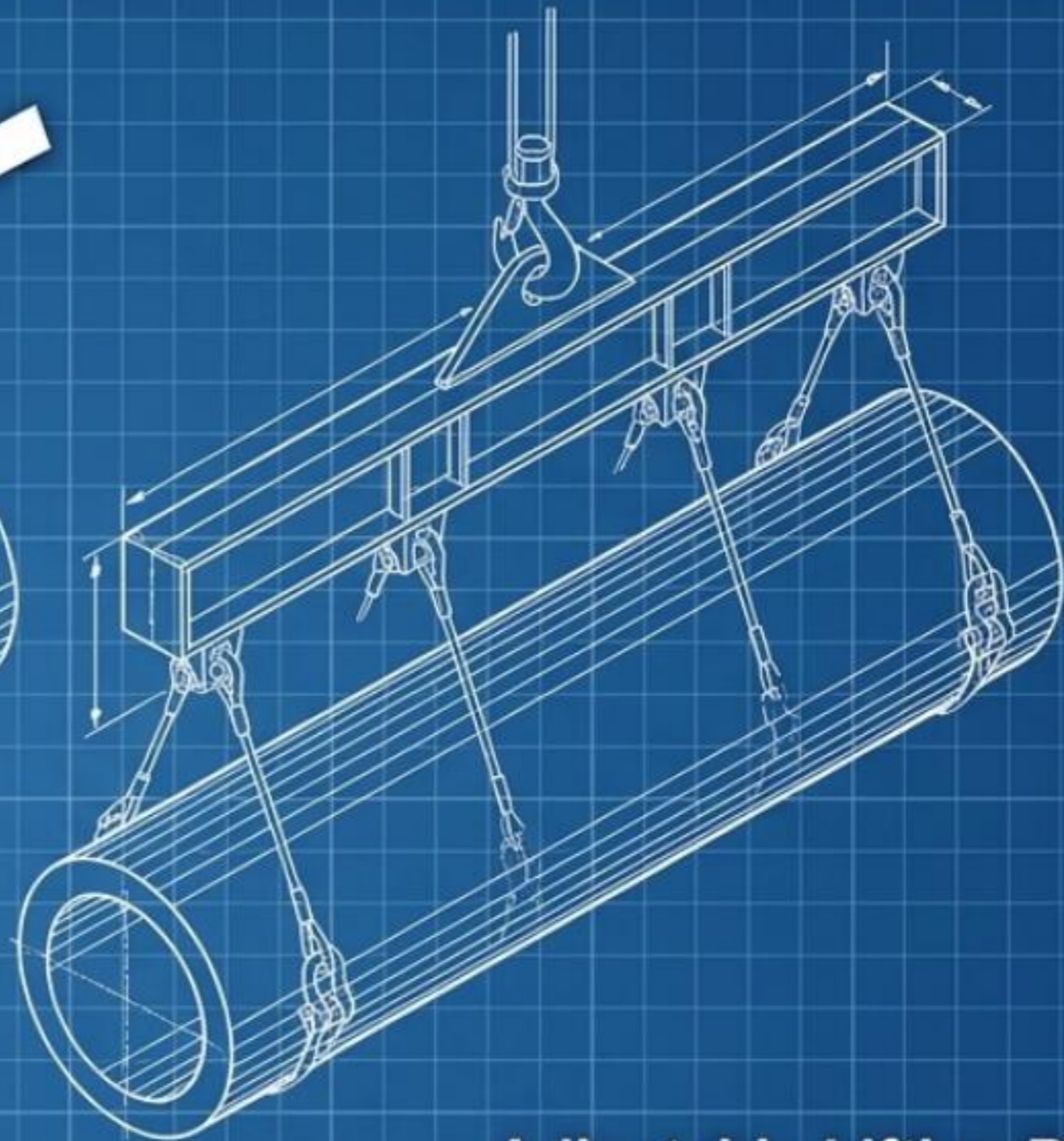
Top connection points for multi-leg  
sling assemblies up to 45T.

## Engineered Beams for Complex Lifts



### Spreader Beams

- **Mechanics:** Converts lifting loads into compressive forces in the bar.
- **Advantage:** Prevents inward crushing forces on fragile loads. Up to 25T capacity.



### Adjustable Lifting Beams

- **Mechanics:** Single top attachment with multiple lower lifting points.
- **Advantage:** Perfect for low-headroom environments or balancing off-center loads. Up to 10T capacity.

**THE VLE ENGINEERING GUARANTEE:** In-house design and 100% proof-testing. Supplied with test certificates at no extra charge.

# Mapped to Your **Industrial Reality**



**Major Ports  
& Terminals**

**Heavy Multilayer Slings (110T), Spreader Beams, Bow Shackles (Mooring).**



**Steel Plants  
& Foundries**

**Grade 80 Chain Slings (200°C Heat resistant), Magnet Lifters, Heavy-Duty Plate Clamps.**



**Pharma & Delicate  
Manufacturing**

**Endless Round Slings, Non-Marring Clamps, Clean-room friendly Electric Hoists.**



**Logistics &  
Construction**

**Wire Rope Pullers, Ratchet Lever Hoists, Adjustable Beam Trolleys.**

# The Quality & Safety Shield

## Global Compliance

Operations are ISO 9001 Compliant. Equipment manufactured to strict EN, IS, ASME, and JIS specifications.

EN  
1492

IS  
15560

## Rigorous Testing

100% of applicable items are proof-load tested (up to 2.5x WLL) in-house. Test certificates supplied with all equipment.

## Built-in Safety Factors

Engineered with generous safety margins, ranging from 4:1 (Chains) up to 8:1 (Heavy Synthetic Slings).

ASME  
B30.9

ISO  
9001

## Complete Traceability

Individual component marking, CE & BIS marking, and optional RFID tags for enterprise asset management.

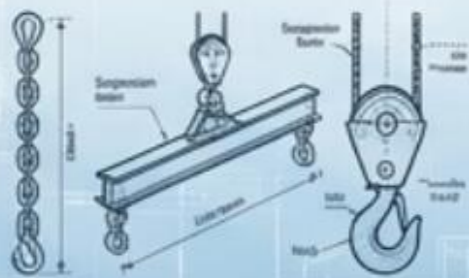


# Why Partner with Vizag Lifting Equipments?

## 1

### One-Stop Sourcing

Eliminate vendor fragmentation. We manufacture and supply the entire load chain from the suspension beam down to the lifting hook.



## 2

### Local Expertise, Fast Response

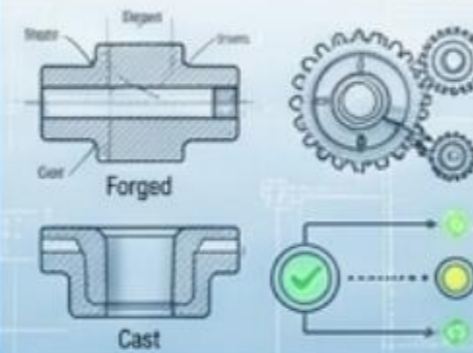
Strategically positioned in Vizag to provide rapid deployment and dependable service to regional heavy industry hubs.



## 3

### In-House Manufacturing Control

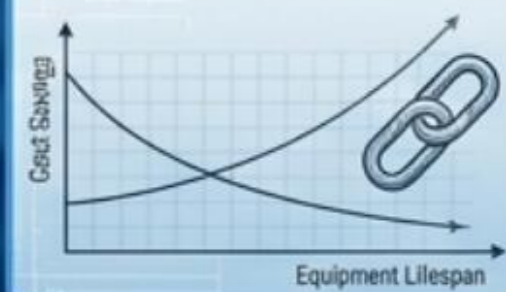
Strict process-level quality control on major forgings, castings, and gears ensures superior, repeatable reliability.



## 4

### Cost-Effective Durability

Premium grade materials that outlast cheaper alternatives, driving down total cost of ownership through extended equipment life.



# The Bottom Line Impact

## ZERO-COMPROMISE SAFETY

Protect your workforce and your high-value cargo with rigorously tested, certified equipment boasting industry-leading safety factors.

## MAXIMIZED UPTIME

Dependable, high-durability gear means zero unexpected operational stoppages. Your supply chain keeps moving.

## OPERATIONAL EFFICIENCY

The exact right tool for the job—from adjustable bails to non-marring clamps—drastically speeds up complex workflow processes.



# Ready to Elevate Your Operations?

Contact our engineering and sales team today for consultations, proof-tested solutions, and competitive quoting.

## Vizag Lifting Equipments (VLE)

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