



MANUFACTURING RENTAL CERTIFICATION

The Integrated Hub for Heavy Lifting.

Corporate Portfolio & Solutions Guide

www.heftindia.com

About HEFT

Your Trusted Partner For Heavy Lifting

HEFT Testing Private Limited delivers the entire lifting lifecycle under one roof - we manufacture certified equipment, rent it project-by-project, and certify it to international code.

01

We make it

Manufacture

Spreader Beams
25-3000T

Lifting Frames
2-800T

Wire Rope Slings
single & multi-leg

Polyester Slings
web & round

Chain Slings
G80 / G100

DNV Offshore CCUs
2.7-1

02

We Rent it

Rent

Load Monitoring
Load cells, wireless

Spreader Beam Fleet
to 1500T

Wire Rope Fleet
slings & grommets

Spooler & Back-Tension
80T

Water Bags & Test Weights
10/25/50/100T

Shackles & Rigging
Hardware to 1500T

03

We Certify it

Certify

Proof-Load Testing
600T · 100ft · Form II

Inspection & Re-cert
LOLER · ASME

NDT (MPI · UT · DPT)
Level II/III

Calibration & CoG
NABL-traceable

Competent Person Lift
Planning



Certified
ISO 9001:2015



Approved
DNV Type · CCUs



Codes
API 2C · ASME B30



Standards
LOLER · DNV 2.7-1

Founded by engineers, run by riggers, audited like a refinery.

One company, Three specialisms.

Engineered manufacture, project rental and statutory certification under a single ISO 9001 quality system, a single Competent Person on staff, and a single number to call when the lift



Manufacture
 In-House Design & Build

3000T

Max spreader beam capacity

Spreader beams, lifting frames, slings and DNV offshore CCUs. ASME BTH-1 design, FEA where it warrants it, proof-tested

Rent & Supply
 Project-Grade Fleet & Stockist

1500T

Spreader beam rental fleet

Load monitoring, water bags, deadweights, spoolers, jacks & a major-stockist inventory of wire rope, shackles,

TEST & CERTIFY
 Statutory · Code-compliant

600MT

In-house proof-load test bed

Statutory Competent Person on staff. LOLER, ASME B30, API 2C, DNV scope. NDT, calibration, training and lift planning

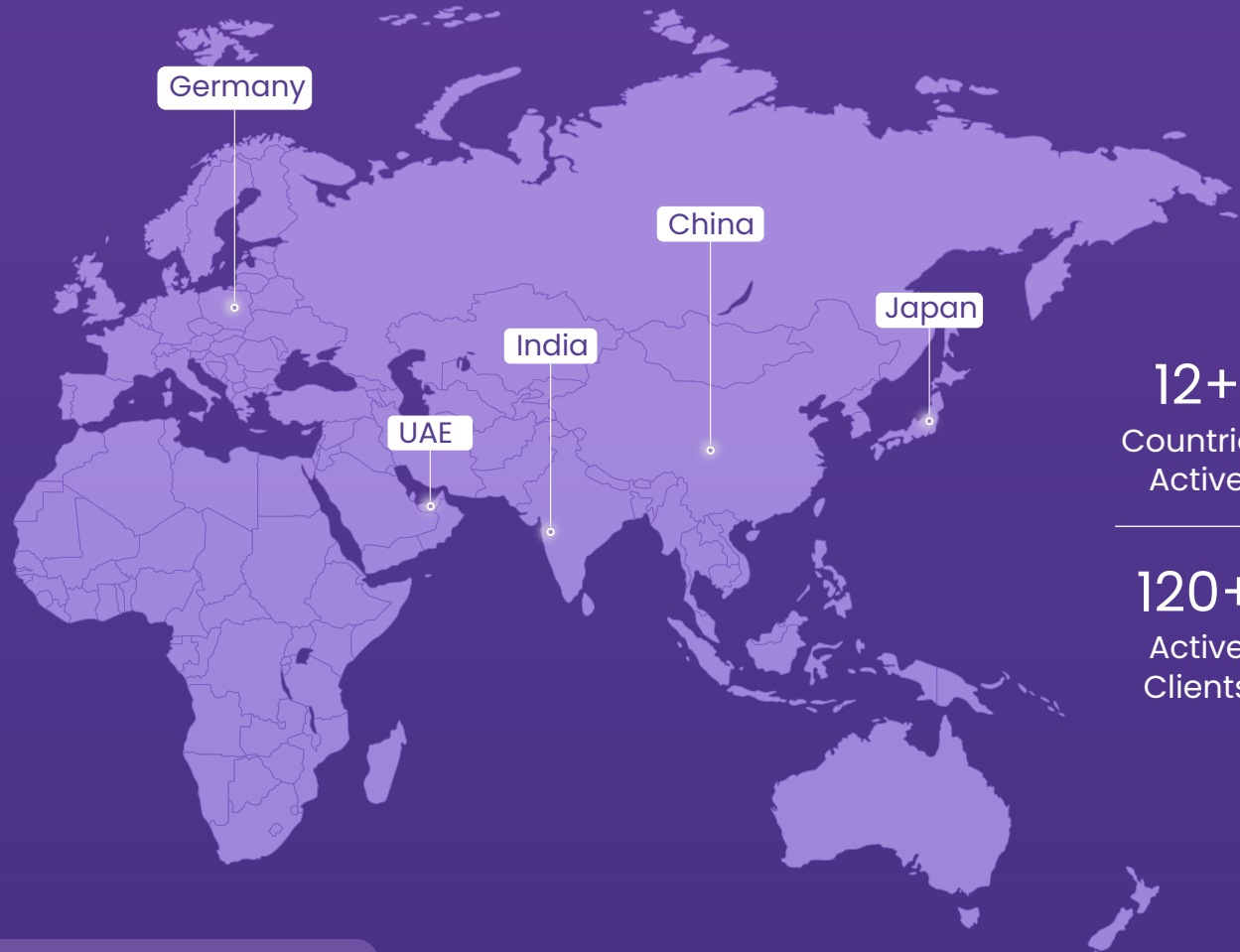
3000T Max spreader capacity	600MT In-house proof-load test bed	100FT Test bed length	ISO 9001:2015 certified
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Sectors served

Oil & Gas	Offshore	Refineries & Petrochem	Power Generation
Nuclear	Wind & Renewables	Naval & Defence	Aviation & Aerospace
Shipbuilding & Marine	Steel & Metals	Cement	Railway
Automotive	Mining	Ports & Terminals	Infrastructure & EPC

Trusted by industry leaders

A representative cross-section of clients across general industry, aviation, shipping, and energy.



12+
Countries
Active

120+
Active
Clients

GENERAL INDUSTRY



AVIATION



SHIPPING & LOGISTICS



Four sections, mapped to what HEFT does end-to-end.

01

Manufacturing

Spreader Beams & Frames | Wire Rope Slings |
Polyester & Chain Slings | DNV Offshore CCUs

02

Rental

Spreader Beams & Frames | Load Monitoring |
Spooler | Water Bags | Rigging Gears | Load Cells

03

Supply & Distribution

Wire Rope Shackles | Polyester Belts | Wire Rope Slings |
Load Cells

04

Certification & Services

Test Bed (600T · Form 11) | Inspection | CoGNDT | MRT |
Calibration | Training | Lift Plan

Everything heavy lifting needs under one roof

A single page that shows where every product and service in this catalog fits. Use this as the spine when navigating the modular section catalogs.



01 • We Manufacture

- Modular Spreader Beams
- Spreader Frames
- Single-Point Beams
- Wire Rope Slings
- Polyester Slings
- Container Spreadersq
- Telescopic Beams
- Multi-point Beams
- Lifting Frames
- Chain Slings G80/100
- DNV Offshore CCUs
- Below-the-hook

03 • We Supply

- 6×19 Wire Rope
- 35×7 Non-rotating
- SS & Galvanised
- Bow / Dee Shackles
- Chain & Lever Hoists
- Plate & Beam Clamps
- 6×36 Crane Rope
- Compacted Rope
- Elevator Ropes
- Master Links
- Crane Hooks · Eye Bolts
- Magnetic Lifters

02 • We Rent

- Spreader Beam Fleet
- Tension Load Shackles
- Wire Rope Spoolers
- Water Bags
- Hydraulic Jacks
- Wire Rope Grommets
- Compression Load Cells
- Wireless Dynamometers
- Pulling Machines (80T)
- Calibrated Test Weights
- Shackles & Slings (fleet)
- Lifting Fixtures

04 • We Certify

- Proof-Load Testing
- Offshore (API 2C)
- Third-Party Inspection
- Weighment & CoG
- NDT (MPI · UT · DPT)
- Training & Competency
- Crane Load Testing
- Periodic Inspection
- Colour Coding & Tags
- Wire Rope Inspection (MRT)
- Calibration Services
- Lift Planning · FEA

Whatever the Lift We Have a Beam For It

Eight engineered configurations spanning 0.5 to 3000 tons. From compact single-point beams to large-span modular systems used on critical project lifts. Every product is designed under ISO 9001:2015 and supplied with full test certification.



01



MODULAR SPREADER BEAM

Bolt-together system with interchangeable struts. Adjustable spans, fast deployment.
MSB · 25–3000 T · 0.25–15 M

02



TELESCOPIC SPREADER BEAM

Sliding inner tube with secure locking adjustable span without changing tubes.
TSB · 25–250 T · 1–6 M

03



SPREADER FRAME

Multi-point square / rectangular frame for balanced 4-corner lifts.
SLF · 10–1500 T · TO 10×10 M

04



MULTIPOINT SPREADER BEAM

3+ bottom lifting points for long or asymmetrical loads.
MPB · CUSTOM SPANS

05



SINGLE POINT LIFTING BEAM

Central hook with vertical slings for sensitive loads.
SPB · 1–800 T · 2–8 M

06



FOUR POINT LIFTING BEAM

Cruciform / H-beam configuration for stable four-corner pickup.
4PB · CUSTOM

07



LIFTING FRAME

Rigid welded frame with fixed lifting points absolute rigidity.
LFR · 2–800 T

08



MULTI POINT LIFTING FRAME

Adjustable-span lifting frame for flexible multi-point lifts.
LFR · 2–800 T

09



CUSTOM BELOW-THE-HOOK

C-hooks, spreaders, pipe lifters & trunnion beams.
BTH · APPLICATION-SPECIFIC

Family-wide compliance

EN 13155

ASME BTH-1

ASME B30.20

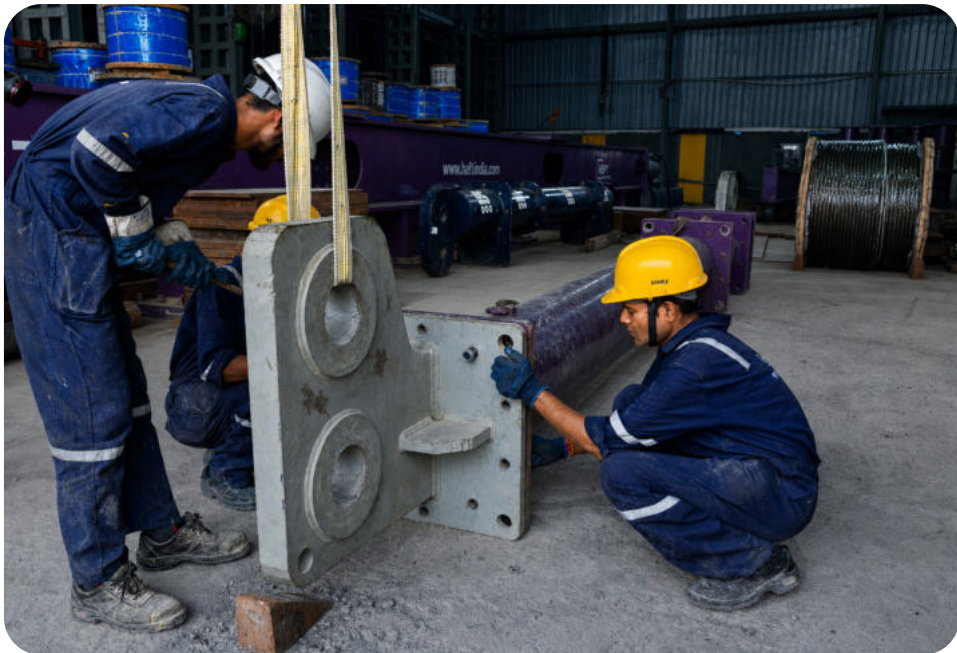
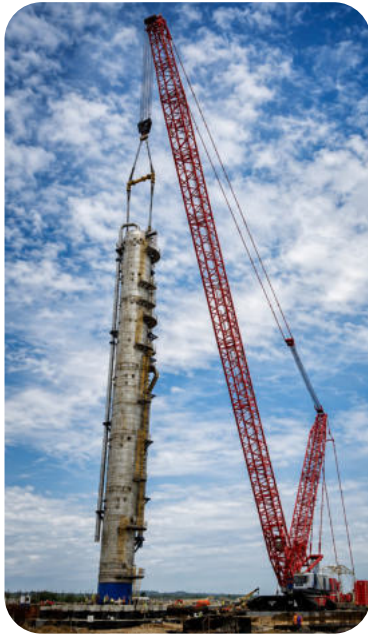
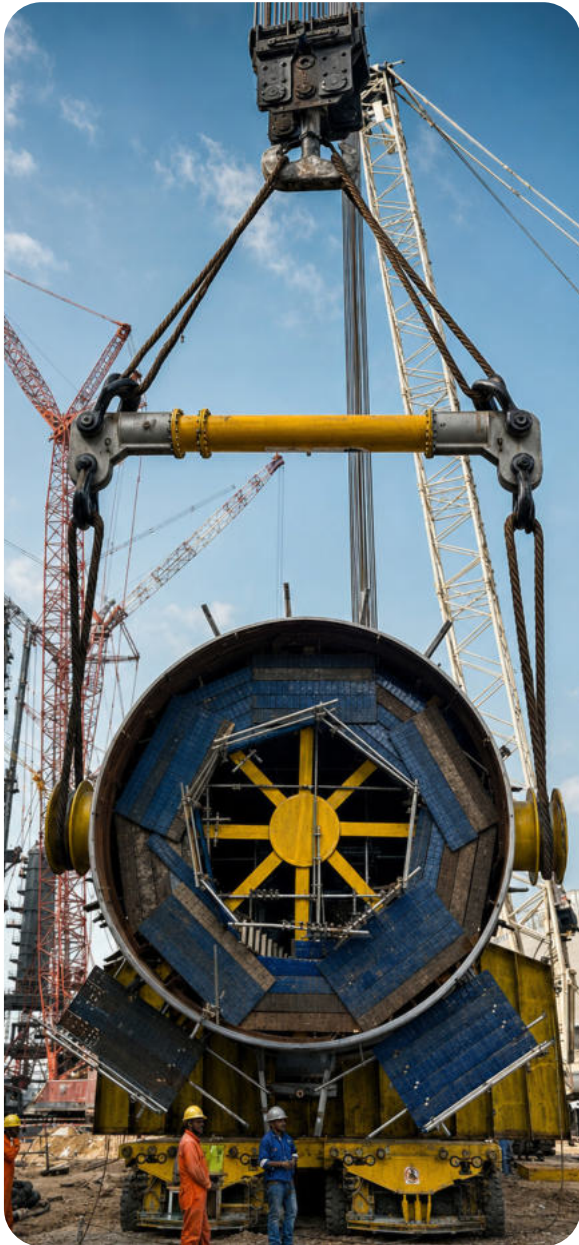
AS 4991

API 2C

LOLER

IS 15740

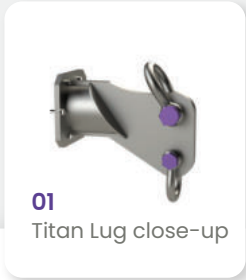
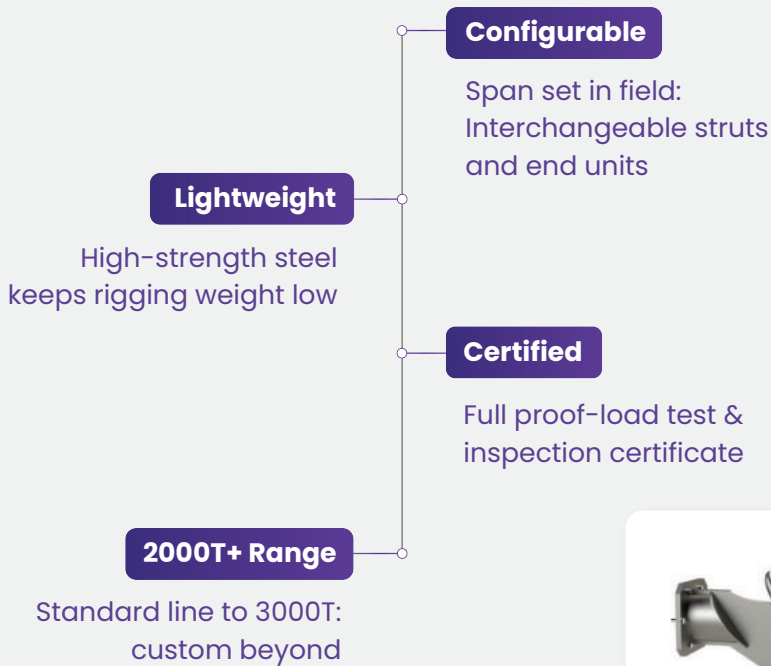
Real Site Images



MODULAR SPREADER BEAMS

MODEL NUMBER **MSB**

Bolt-together system pairing high-strength Tube X struts with Titan Lug end units. Configure the exact span you need, from 0.25 m to over 15 m, at capacities up to 3000 tons. Lightweight components keep rigging weight low and lifting efficiency high.



Built & tested to

EN 13155

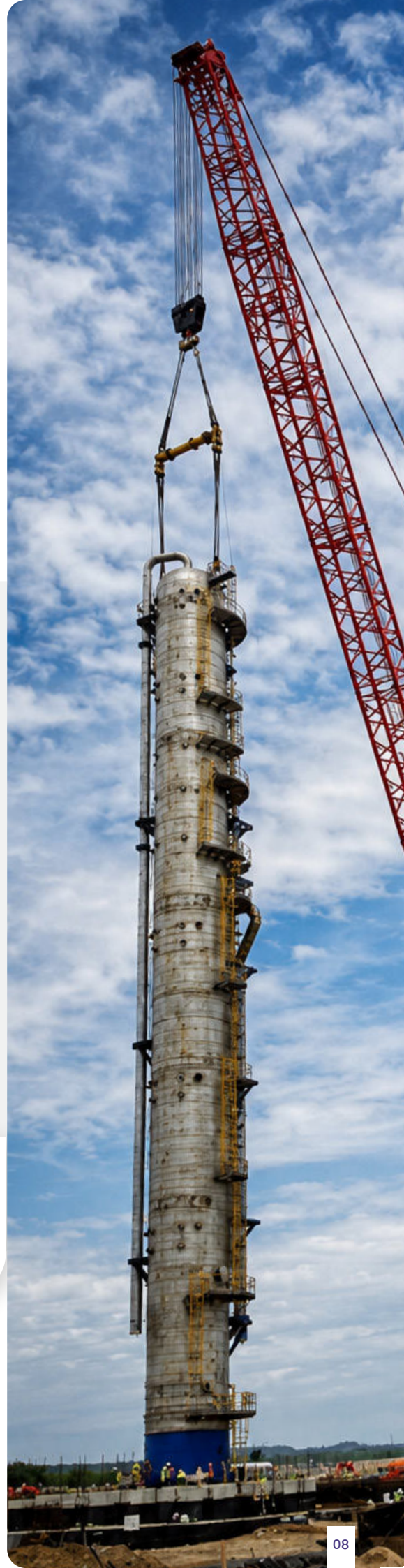
ASME BTH-1 (Cat B)

ASME B30.20

IS 7155

IS 2266

RIGTRON



Msb Capacity & Span Matrix

Standard MSB configurations from 25 T through 3000 T, with span ranges and shackle pairings. Custom capacities, spans & end-unit configurations available on request.



A · overall length
B · width
C · pad spacing
D · sub-section

MSB Configurable Spans & Capacity Matrix			21 standard configurations	
Base Model No.	Capacity(WLL)	Span Range(m)	Shackle(Upper / Lower)	End Unit Type
MSB-25T-X.Y	25 Ton	0.25 – 12	25T / 17T	Titan Lug
MSB-50T-X.Y	50 Ton	3 – 15	50T / 35T	Titan Lug
MSB-75T-X.Y	75 Ton	3 – 15	85T / 55T	Titan Lug
MSB-100T-X.Y	100 Ton	3 – 15	85T / 55T	Titan Lug
MSB-150T-X.Y	150 Ton	3 – 15	120T / 85T	Titan Lug
MSB-200T-X.Y	200 Ton	3 – 15	120T / 120T	Titan Lug
MSB-250T-X.Y	250 Ton	3 – 15	150T / 120T	Titan Lug
MSB-300T-X.Y	300 Ton	3 – 15	150T / 150T	Titan Lug
MSB-350T-X.Y	350 Ton	3 – 15	200T / 200T	Titan Lug
MSB-400T-X.Y	400 Ton	5 – 15	250T / 200T	Titan Lug
MSB-450T-X.Y	450 Ton	5 – 15	250T / 250T	Titan Lug
MSB-500T-X.Y	500 Ton	5 – 15	300T / 250T	Titan Lug
MSB-550T-X.Y	550 Ton	5 – 15	300T / 300T	Titan Lug
MSB-600T-X.Y	600 Ton	5 – 15	400T / 300T	Titan Lug
MSB-800T-X.Y	800 Ton	5 – 15	500T / 400T	Titan Lug
MSB-1000T-X.Y	1000 Ton	5 – 15	600T / 500T	Titan Lug
MSB-1250T-X.Y	1250 Ton	5 – 15	700T / 700T	Titan Lug
MSB-1500T-X.Y	1500 Ton	5 – 15	800T / 800T	Titan Lug
MSB-2000T-X.Y	2000 Ton	5 – 15	1000T / 1000T	Titan Lug
MSB-2500T-X.Y	2500 Ton	5 – 15	1250T / 1250T	Titan Lug
MSB-3000T-X.Y	3000 Ton	5 – 15	1500T / 1500T	Titan Lug

How to Order

MSB – Capacity (T) – Span (P.O)

MSB Modular Spreader Beam Series
Capacity (T) Safe Working Load in Tons

Example

Order code

MSB-200T-8.5
200 T capacity · 8.5 m span

Modular Spreader Beam • Real Site Images



TELESCOPIC SPREADER BEAMS

MODEL NUMBER TSB



Sliding tube / locking



ID plate



TSB in action: adjustable span lift



Adjustable Span

Sliding inner tube - incremental locking



Secure Lock

Engineered locking pin keeps span fixed in lift



Quick Setup

Single beam covers a range of lift sizes



Tested

Proof-load tested at full extension

TSB-adjustable-span

CAD reference

01.

Overall Length

02.

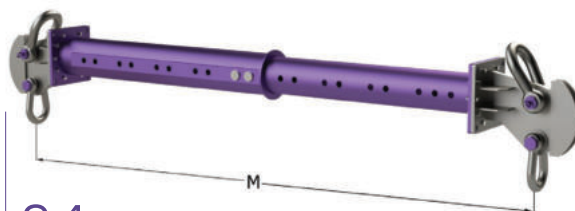
Adjustable Span

03.

Inner Tube

04.

Locking Pin Pitch



TSB Adjustable-Span Models

6 standard configurations

Base Model No.	Capacity (WLL)	Adjustable Span Ranges (m)	Notes
TSB - 25 - M-M	25	1 - 2 3.5 - 5 4.5 - 6	Compact, fast site setup
TSB - 50 - M-M	50	1 - 2 3.5 - 5 4.5 - 6	Mid-range workhorse
TSB - 100 - M-M	100	1 - 2 3.5 - 5 4.5 - 6	General industrial lifts
TSB - 150 - M-M	150	1 - 2 3.5 - 5 4.5 - 6	Heavy unit handling
TSB - 200 - M-M	200	1 - 2 3.5 - 5 4.5 - 6	Project-scale lifts
TSB - 250 - M-M	250	1 - 2 3.5 - 5 4.5 - 6	Maximum standard capacity

How to Order

TSB - Capacity (T) - Span (M-M)

TSB Telescopic Spreader Beam Series
Capacity (T) Safe Working Load in Tons
Span (M-M) Required adjustable span in metres

Example

Order code

TSB-200T-3.5-5

200 T capacity · 3.5-5 m adjustable span

Telescopic Spreader Beam · Real Site Images



SPREADER FRAMES

Configurable

Span set in field: Interchangeable struts and end units

Lightweight

High-strength steel keeps rigging weight low

Certified

Full proof-load test & inspection certificate

2000T+ Range

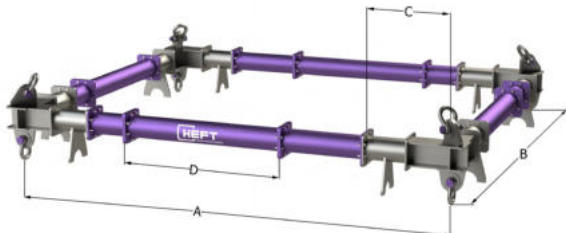
Standard line to 3000T: custom beyond

Spreader frame in use



SLF - multi-point frame

CAD reference



A · Overall Length

C · Pad Spacing

B · Overall Width

D · Pad Sub-Spacing

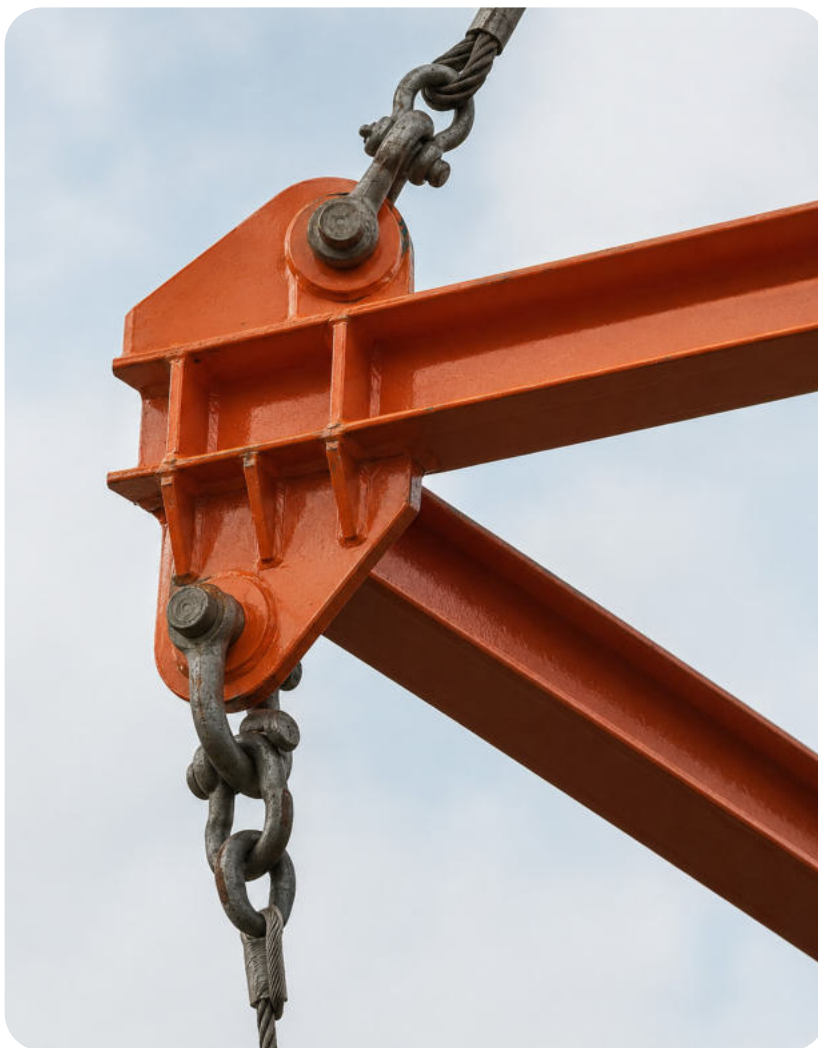
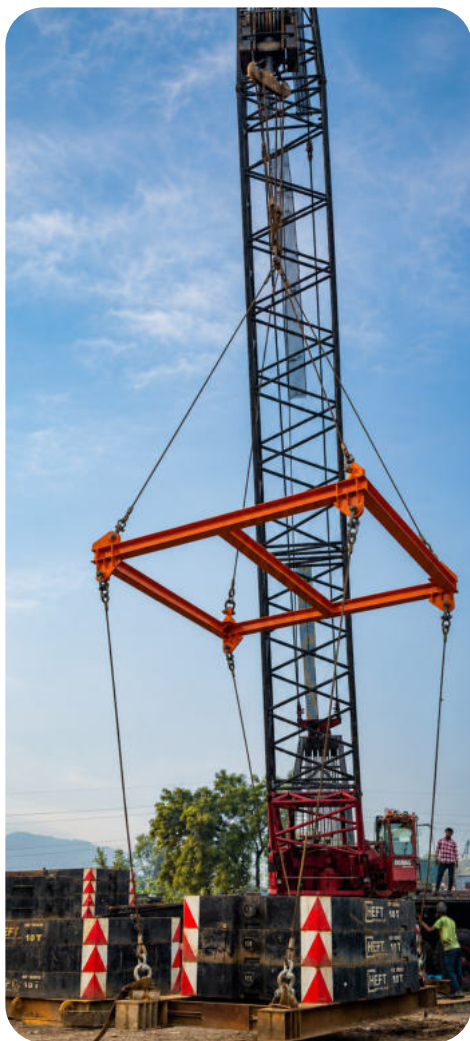


MSB Configurable Spans & Capacity Matrix

12 standard configurations

Base Model No.	Capacity (WLL)	Span Range (Meters)
SLF - 10T - AB	10	2 x 2, 4 x 6, 6 x 6, 6 x 8, 8 x 8, 10 x 10
SLF - 25T - AB	25	2 x 2, 4 x 6, 6 x 6, 6 x 8, 8 x 8, 10 x 10
SLF - 50T - AB	50	2 x 2, 4 x 6, 6 x 6, 6 x 8, 8 x 8, 10 x 10
SLF - 75T - AB	75	2 x 2, 4 x 6, 6 x 6, 6 x 8, 8 x 8, 10 x 10
SLF - 100T - AB	100	2 x 2, 4 x 6, 6 x 6, 6 x 8, 8 x 8, 10 x 10
SLF - 150T - AB	150	2 x 2, 4 x 6, 6 x 6, 6 x 8, 8 x 8, 10 x 10
SLF - 250T - AB	250	2 x 2, 4 x 6, 6 x 6, 6 x 8, 8 x 8, 10 x 10
SLF - 400T - AB	400	2 x 2, 4 x 6, 6 x 6, 6 x 8, 8 x 8, 10 x 10
SLF - 600T - AB	600	2 x 2, 4 x 6, 6 x 6, 6 x 8, 8 x 8, 10 x 10
SLF - 800T - AB	800	2 x 2, 4 x 6, 6 x 6, 6 x 8, 8 x 8, 10 x 10
SLF - 1000T - AB	1000	2 x 2, 4 x 6, 6 x 6, 6 x 8, 8 x 8, 10 x 10
SLF - 1500T - AB	1500	2 x 2, 4 x 6, 6 x 6, 6 x 8, 8 x 8, 10 x 10

Spreader Beam • Real Site Images



SINGLE-POINT LIFTING BEAMS

Configurable

Span set in field:
Interchangeable struts
and end units

Lightweight

High-strength steel
keeps rigging weight low

Certified

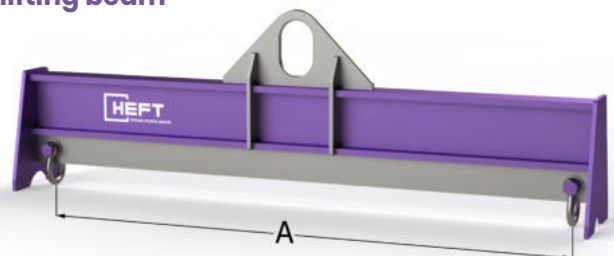
Full proof-load test &
inspection certificate

2000T+ Range

Standard line to 3000T:
custom beyond



SPB — single-point lifting beam
CAD reference



A · Beam Length
B · Top Hook
C · Bottom Point Spacing
D · Cross-Section

SPB Capacity & Span Matrix

12 standard
configurations

Base Model No.	Capacity (WLL)	Span Range (Meters)
SLF - 10T - AB	10	2 x 2, 4 x 6, 6 x 6, 6 x 8, 8 x 8, 10 x 10
SLF - 25T - AB	25	2 x 2, 4 x 6, 6 x 6, 6 x 8, 8 x 8, 10 x 10
SLF - 50T - AB	50	2 x 2, 4 x 6, 6 x 6, 6 x 8, 8 x 8, 10 x 10
SLF - 75T - AB	75	2 x 2, 4 x 6, 6 x 6, 6 x 8, 8 x 8, 10 x 10
SLF - 100T - AB	100	2 x 2, 4 x 6, 6 x 6, 6 x 8, 8 x 8, 10 x 10
SLF - 150T - AB	150	2 x 2, 4 x 6, 6 x 6, 6 x 8, 8 x 8, 10 x 10
SLF - 250T - AB	250	2 x 2, 4 x 6, 6 x 6, 6 x 8, 8 x 8, 10 x 10
SLF - 400T - AB	400	2 x 2, 4 x 6, 6 x 6, 6 x 8, 8 x 8, 10 x 10
SLF - 600T - AB	600	2 x 2, 4 x 6, 6 x 6, 6 x 8, 8 x 8, 10 x 10
SLF - 800T - AB	800	2 x 2, 4 x 6, 6 x 6, 6 x 8, 8 x 8, 10 x 10
SLF - 1000T - AB	1000	2 x 2, 4 x 6, 6 x 6, 6 x 8, 8 x 8, 10 x 10
SLF - 1500T - AB	1500	2 x 2, 4 x 6, 6 x 6, 6 x 8, 8 x 8, 10 x 10

Single-Point Lifting Beam · Real Site Images



LIFTING FRAMES

MODEL NUMBER LFR

Headroom-Friendly

Minimal sling angle requirement

Custom Points

Multi-point variants available

Welded Rigid

Single-piece frame, fixed lifting points

Stable

Even load distribution across all corners



LFR — lifting frame

CAD reference



A · Overall Length
B · Overall Width
C · Pad Spacing
D · Saddle / Cradle

01.



02.



LFR Capacity & Span Matrix

9 standard configurations

Base Model No.	Capacity (WLL)	Standard Span Configurations (m)
LFR-2T-A.B	2 Ton	2x2 3x5 4x6 6x8.8x8
LFR-10T-A.B	10 Ton	2x2 3x5 4x6-6x8.8x8
LFR-25T-A.B	25 Ton	2x2 3x5 4x6 6x8.8x8
LFR-50T-A.B	50 Ton	2x2 3x5 4x6.6x8.8x8
LFR-100T-A.B	100 Ton	2x2 3x5 4x6 6x8.8x8
LFR-250T-A.B	250 Ton	2x2 3x5 4x6 6x8.8x8
LFR-400T-A.B	400 Ton	2x2 3x5 4x6 6x8.8x8
LFR-600T-A.B	600 Ton	2x2 3x5 4x6 6x8.8x8
LFR-800T-A.B	800 Ton	2x2 3x5 4x6 6x8.8x8

How to Order

LFR – Capacity (T) – Span (A.B)

Example

Order code: **TSB-200T-3.5-5**

Lifting Frame · Real Site Images



TELESCOPIC MULTI-POINT LIFTING FRAME

MODEL NUMBER MLF

Adjustable

Telescoping span multiple sizes per frame

Multi-Point

Balanced load support across corners

Tested

Proof-load tested at full extension

Secure Lock

Engineered locking pin for span retention



MLF — multi-point telescopic frame

CAD reference

01.

Overall Length

02.

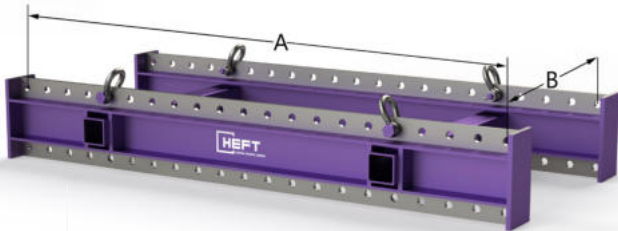
Overall Width

03.

Centre Pad Spacing

04.

Sub-Section Pitch



LFR Capacity & Span Matrix

8 standard configurations

Base Model No.	Capacity (WLL)	Adjustable Span Range (M)
MLF-2T-A.B	2 Ton	1.5x1.5.2x2 3x3 3x4.3x5
MLF-ST-A.B	5 Ton	1.5x1.5.2x2.3x3 3x4.3x5
MLF-8T-A.B	8 Ton	1.5x1.5.2x2.3x3 3x4.3x5
MLF-10T-A.B	10 Ton	1.5x1.5.2x2-3x3 3x4.3x5
MLF-15T-A.B	15 Ton	1.5x1.5.2x2-3x3 3x4.3x5
MLF-25T-A.B	25 Ton	1.5x1.5.2x2-3x3 3x4.3x5
MLF-40T-A.B	40 Ton	1.5x1.5.2x2.3x3 3x4.3x5
MLF-50T-A.B	50 Ton	1.5x1.5.2x2.3x3 3x4.3x5

How to Order

MLF – Capacity (T) – Span (A.B)

Example

Order code: **MLF-25T-3.5**

CUSTOM BELOW: THE-HOOK DEVICES

MODEL NUMBER **BTH**

Delta Plates (DLP)

Three-cornered load-distribution plates. Exceptional load transfer at multi-leg sling junctions, 5:1 SF.

100T · 300T · 500T · 800T · 1000T

Container Spreaders

ISO container handling — twist-locks for 20/40-ft units, telescoping options.

ISO 1161 corner castings

Coil Grabs

Self-locking coil pickup devices for steel mill & warehouse applications.

Mechanical / hydraulic

C-Hooks

Coil handling designed for steel coils, tube bundles & rolls. Custom throat & depth.

Application-specific

Pipe Lifters & Trunnion Beams

Designed for pipeline projects, vessel handling & horizontal-to-vertical pickup.

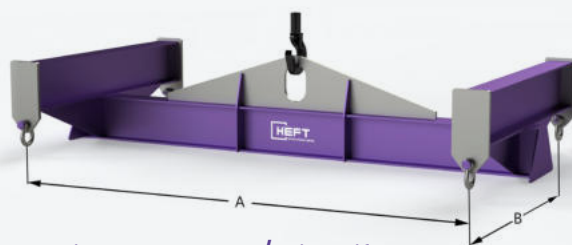
Project-specific

Bespoke BTH

Engineered to your load drawing design, FEA, build, test & certify.

ASME BTH-1 / EN 13155

Delta Plate / Connector



Container spreader / pipe lifter

C-hook / Coil Lifter Hero



Below-the-Hook — DLP & C-Hook
CAD reference

BTH CAD
dimensional
render



A · Plate Thickness | B · Hook Depth
C · Throat Width | D · Pin Diameter

DLP Delta Plate — Standard Range

5 standard sizes

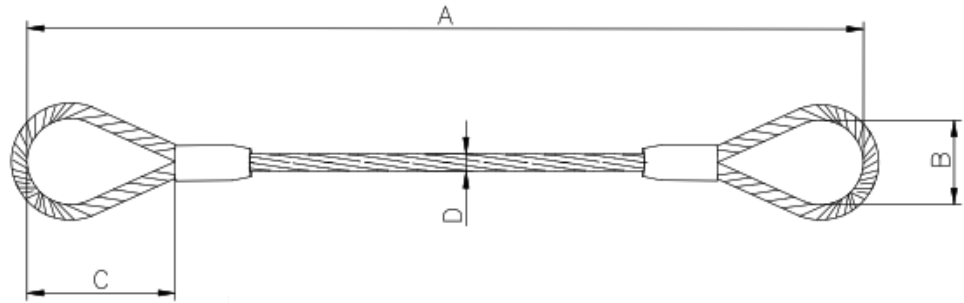
Base Model No.	Capacity (WLL)	Adjustable Span Range (M)
DLP-100T-0001	100 Ton	3-leg/4-leg sling distribution
DLP-300T-0001	300 Ton	Heavy lift
DLP-500T-0001	500 Ton	Project lift
DLP-800T-0001	800 Ton	Critical lift
DLP-1000T-0001	1000 Ton	Module lift

WRS Load Chart & Ordering

Full WRS series load chart, 12 mm to 64 mm. SWL derived as $(MBL \times 0.9) \div 5$ splice-loss accounted for, 5:1 safety factor applied

WRS — single-leg sling

CAD reference



01.

Effective Length

02.

Eye Diameter

03.

Ferrule

04.

Rope

WRS Series – MBL & SWL Load Chart (12 mm – 64 mm)	Model No.	Dia. (mm)	MBL (T)	Eff. MBL (–10%)	SWL Vertical (100%)	SWL Choker (80%)	SWL Basket (200%)
	WRS-12-XX	12	10.2	9.1	1.8	1.4	3.6
	WRS-14-XX	14	13.9	12.5	2.5	2.0	5.0
	WRS-16-XX	16	18.1	16.3	3.2	2.5	6.4
	WRS-18-XX	18	23.0	20.7	4.1	3.2	8.2
	WRS-20-XX	20	28.4	25.5	5.1	4.0	10.2
	WRS-22-XX	22	34.3	30.8	6.1	4.8	12.2
	WRS-24-XX	24	40.9	36.8	7.3	5.8	14.6
	WRS-26-XX	26	48.0	43.2	8.6	6.8	17.2
	WRS-28-XX	28	55.6	50.0	10.0	8.0	20.0
	WRS-32-XX	32	72.7	65.4	13.0	10.4	26.0
	WRS-36-XX	36	92.0	82.8	16.5	13.2	33.0
	WRS-40-XX	40	113.6	102.2	20.4	16.3	40.8
	WRS-44-XX	44	137.4	123.6	24.7	19.7	49.4
	WRS-48-XX	48	163.5	147.1	29.4	23.5	58.8
	WRS-52-XX	52	191.9	172.7	34.5	27.6	69.0
	WRS-56-XX	56	222.6	200.3	40.0	32.0	80.0
	WRS-60-XX	60	255.6	230.0	46.0	36.8	92.0
	WRS-64-XX	64	290.8	261.7	52.3	41.8	104.6

18 standard
diameters
IWRC ·
1960 N/mm²

How to Order

TSB – Capacity (T) – Span (M-M)

TSB Telescopic Spreader Beam Series
Capacity (T) Safe Working Load in Tons
Span (M-M) Required adjustable span in metres

Example

Order code WRS-24-09

24 mm diameter · 9 m length
1960 grade · IWRC · ferrule eye

END FITTINGS & TERMINATIONS

MODEL NUMBER RT-SKT



**Open Wedge Socket
RT-SKT-01**

For quick on-site termination wedge-and-socket pattern.



**Adjustable Closed
Turnbuckle Socket
RT-SKT-02**

Length-adjustable closed body for safety-critical lifts.



**Anchor Pendant Socket
RT-SKT-03**

For crane pendants and anchored heavy-lift applications.



**Closed Spelter Socket
RT-SKT-04**

Resin-poured zinc termination 100% rope efficiency.



**Fast Connector
RT-SKT-05**

Tool-less reusable connector for repeat-cycle applications.

Standard Eye Terminations

Soft eye, hard eye (with thimble), and Flemish eye — supplied direct on the sling without a separate fitting.

EN 13411 / DIN 6899

Termination & assembly per

EN 13411-1 (thimbles)

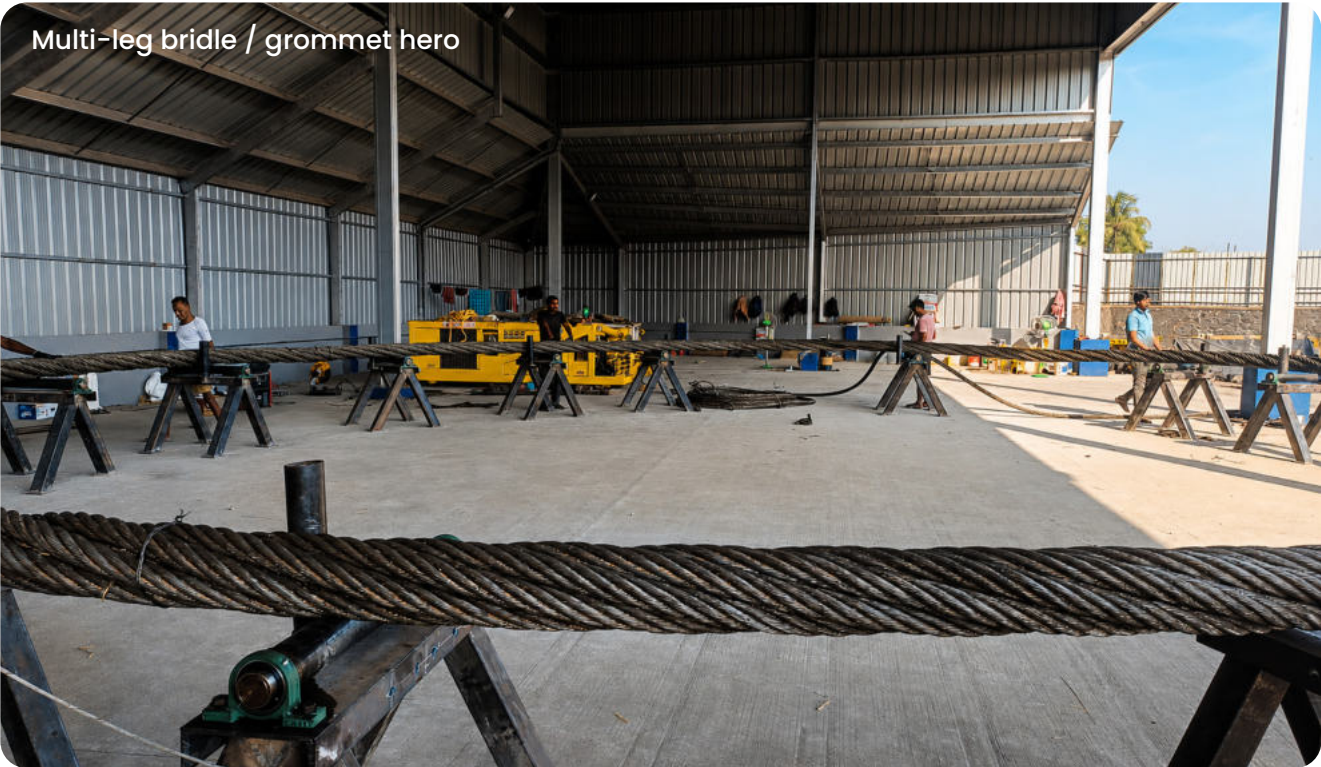
EN 13411-3 (ferrule)

EN 13411-4 (resin)

EN 13411-8 (Flemish)

IS 2266

Multi-Leg Bridles & Grommets • Real Site Images



CHAIN SLINGS

Grade 80 and Grade 100 chain sling assemblies 1, 2, 3 and 4-leg configurations. Built with master links, oblong links and clevis / eye fittings to EN 818 and ASME B30.9. Each assembly tagged with capacity, length and unique serial.

MODEL NUMER CHN

G80 / G100

Higher WLL per kg than wire rope

Reusable

Long service life, easy inspection

Adjustable

Shortening clutches available

Shortening clutches available

Per-assembly serial, certificate of conformity



1-Leg Chain Sling

Vertical hitch direct lifting with master link & hook.

G80 • G100

2-Leg Chain Sling

Common configuration for symmetric two-point loads.

G80 • G100

3-Leg Chain Sling

Three-point pickup with shared oblong master link.

G80 • G100

4-Leg Chain Sling

Four-point balanced pickup; legs treated as 3-leg WLL per code.

G80 • G100

Endless Chain Sling

Continuous-loop for choker / basket hitch.

G80

Adjustable Chain Sling

With shortening clutch adjustable leg length.

G80 • G100

Manufactured to standard

EN 818-2/4

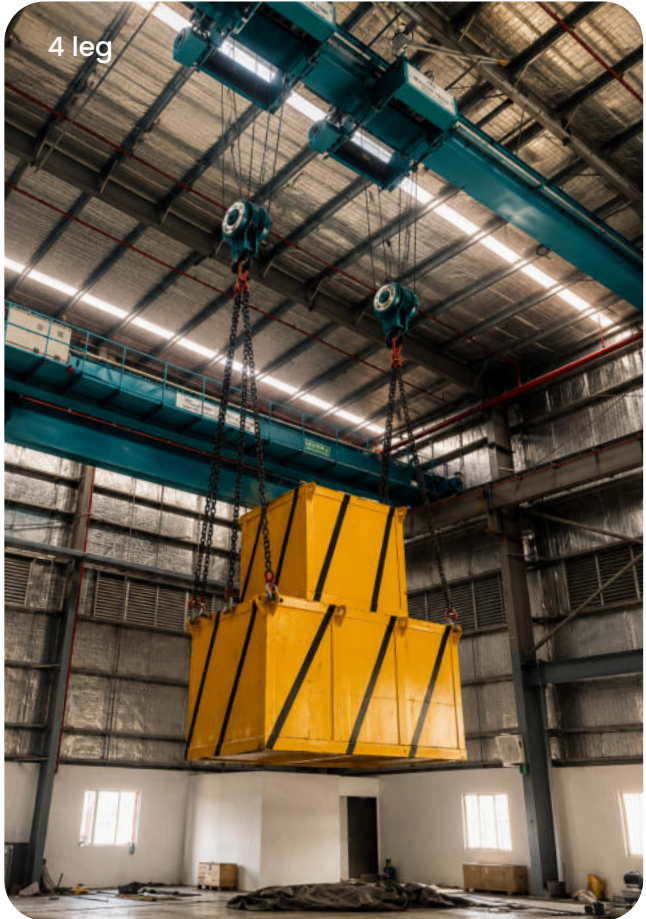
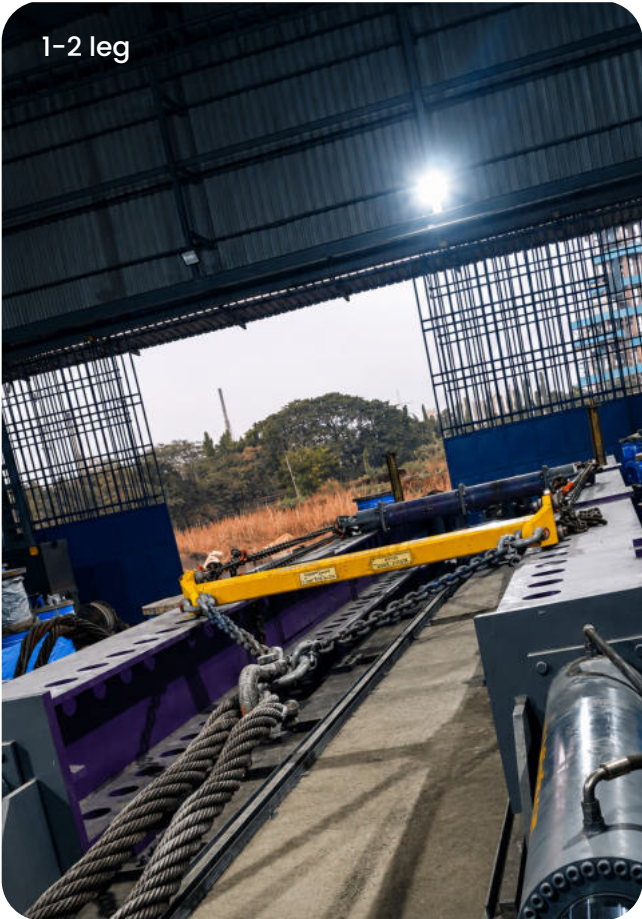
IS 6216

LOLER

ASME B30.9

RIGTRON

Chain Slings G80/G100 · Real Site Images



POLYESTER WEB SLINGS

MODEL NUMBER PWS · EN 1492-1

1	1	2	3	4	5	6	8	10	12	15	20	25	30	40	50	60	70	80	90	100	110
Load factor																					

Web sling production



Polyester Web Sling

CAD reference



01.

Sling Length

02.

Web Width

03.

Ply

04.

Eye / Tag

EN 1492-1 - Polyester Web Sling Colour Code

8 standard WLLs
Single-ply

Colour	WLL Vertical	Web Width	Choker (80%)	Basket (200%)	Typical Use
Violet	1 T	30 mm	0.8 T	2.0 T	Light handling
Green	2 T	60 mm	1.6 T	4.0 T	General industrial
Yellow	3 T	90 mm	2.4 T	6.0 T	Workshop / project
Grey	4 T	120 mm	3.2 T	8.0 T	Medium loads
Red	5 T	150 mm	4.0 T	10.0 T	Medium loads
Brown	6 T	180 mm	4.8 T	12.0 T	Heavy lift
Blue	8 T	240 mm	6.4 T	16.0 T	Project lift
Orange	10 T+	300 mm+	8.0 T+	20.0 T+	Critical lift

Eye-and-Eye Web Sling

Standard flat sling with reinforced soft eyes at both ends. Single-ply or duplex.

EN 1492-1

Endless Web Sling

Continuous-loop flat web for choker / basket / wrap-around hitches.

EN 1492-1

Reinforced / Sleeved

Cordura sleeves for abrasion protection on sharp loads or rough surfaces.

Optional

Manufactured to standard

EN 1492-1

IS 5641

LOLER

ASME B30.9

RIGTRON

Polyester Web Slings · Real Site Images



Polyester web sling hero



Context



Eye/ Sleeve

Standard Color Code – EN 1492-1 (Straight Lift)	
Colour Code	
1 t	
2 t	
3 t	
4 t	
5 t	
6 t	
8 t	
10 t	

POLYESTER ROUND SLINGS

MODEL NUMBER PRS · EN 1492-2



Polyester round sling- endless construction

Heavy-lift round sling: project scale



		ROUND ENDLESS SLINGS CAPACITY IN KGS											
		WLL in kg with one Round Sling						WLL in kg with two Round Slings					
		Straight life	Choke hitch	up to 7"	Basket hitch	45°-60°	45°-60°	Straight Inclination	Choke Inclination	45°-60°	45°-60°	45°-60°	45°-60°
ITEM CODE	DIA	1	2	3	4	5	6	7	8	9	10	11	12
MODE FACTOR													
LRE-1	18	VIOLET	1000	800	2000	1400	1000	1400	1000	1120	800	800	800
LRE-2	20	GREEN	2000	1600	4000	2800	2000	2800	2000	2240	1600	1600	1600
LRE-3	22	YELLOW	3000	2400	6000	4200	3000	4200	3000	3360	2400	2400	2400
LRE-4	25	GREY	4000	3200	8000	5600	4000	5600	4000	4480	3200	3200	3200
LRE-5	28	RED	5000	4000	10000	7000	5000	7000	5000	5600	4000	4000	4000
LRE-6	32	BROWN	6000	4800	12000	8400	6000	8400	6000	6720	4800	4800	4800
LRE-8	38	BLUE	8000	6400	16000	11200	8000	11200	8000	8960	6400	6400	6400
LRE-10	46	ORANGE	10000	8000	20000	14000	10000	14000	10000	11200	8000	8000	8000
LRE-12	58	ORANGE	12000	9600	24000	16800	12000	16800	12000	13440	9600	9600	9600
LRE-15	70	ORANGE	15000	12000	30000	21000	15000	21000	15000	16800	12000	12000	12000
LRE-20	78	ORANGE	20000	16000	40000	28000	20000	28000	20000	22400	16000	16000	16000
LRE-25	90	ORANGE	25000	20000	50000	35000	25000	35000	25000	28000	20000	20000	20000
LRE-30	100	ORANGE	30000	24000	60000	42000	30000	42000	30000	33600	24000	24000	24000
LRE-36	115	ORANGE	36000	28800	72000	50400	36000	50400	36000	40320	28800	28800	28800
LRE-40	150	ORANGE	40000	32000	80000	56000	40000	56000	40000	44800	32000	32000	32000
LRE-50	180	ORANGE	50000	40000	100000	70000	50000	70000	50000	56000	40000	40000	40000

Round sling: Colour-coded

Polyester Round Sling

CAD reference



01.

Effective Length

02.

Core Ø

03.

Sleeve

04.

Colour Code

Endless / Seamless

No mechanical joint – load on yarn core only

High-capacity

Project sizes to 1000+ T on request

Tagged / Tested

Each sling proof-tested & uniquely tagged

Surface-friendly

Soft on coated, polished or finished loads

EN 1492-2- Polyester Round Sling Colour Code & WLL

Custom EWL Heavy lift on request

Colour	WLL Vertical	Round Code	Choker (80%)	Basket (200%)	Common EWL
Violet	1 T	RS-1	0.8 T	2.0 T	1 – 6 m
Green	2 T	RS-2	1.6 T	4.0 T	1 – 6 m
Yellow	3 T	RS-3	2.4 T	6.0 T	1 – 6 m
Grey	4 T	RS-4	3.2 T	8.0 T	1 – 8 m
Red	5 T	RS-5	4.0 T	10.0 T	1 – 8 m
Brown	6 T	RS-6	4.8 T	12.0 T	1 – 10 m
Blue	8 T	RS-8	6.4 T	16.0 T	1 – 10 m
Orange	10 T+	RS-10	8.0 T	20.0 T	1 – 12 m
Orange(HD)	15-50 T	RS-15 to RS-50	varies	varies	2 – 20 m+
Orange(XL)	100-1000 T+	Project-spec	–	–	Custom EWL

Water Bags & Test Weights · 10/25/50/100T



LIFTING & RIGGING FLEET

MODEL NUMBER FLEET



Hydraulic Jacks

Lifting, levelling & load transfer cylinder, climbing & strand jack types.

10 T – 1000 T

Shackles & Master Links

Certified bow / dee shackles, master link kits for sling assemblies.

to 1500 T

Master Links & Sling Sets — to 100 T

Wire rope, chain & polyester sling sets, with master link kits. Project-built and re-certified between hires.

Stock • to 100 T per leg

Wire Rope Grommets — to 1000 T

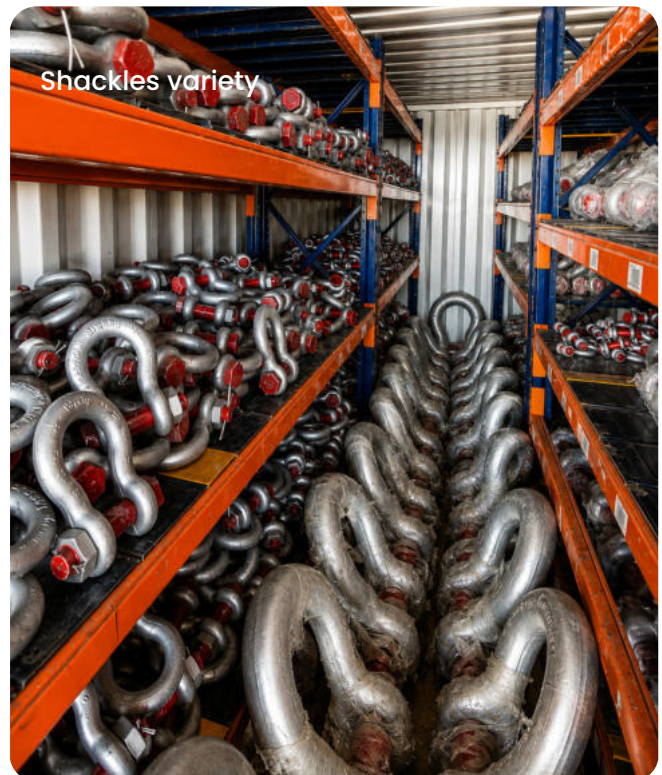
Heavy-duty continuous-loop slings stocked through the heavy-lift range. Major-stockist depth.

Stock • EN 13414-3 • to 1000 T

Lifting Fixtures

Project-specific BTH on rental C-hooks, plate clamps, custom devices.

Project-spec



Project Kits

Built-up rigging packages — slings, shackles, master links, doc pack.

Lift-ready

Every rental ships with

Test Certificate

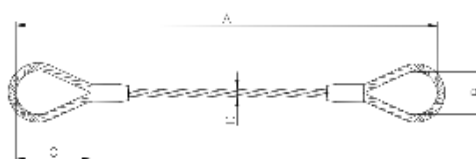
Inspection Report

Asset Tag

Lift Plan (on request)

BANSAL ARADHYA HEFT EXCLUSIVE, WESTERN INDIA

HEFT Testing Private Limited is the exclusive distributor for Western India of the Bansal Aradhya Steel wire-rope range – built at a 24-acre, state-of-the-art facility in Davangere, Karnataka, by India's largest steel-wire group with an 87-year heritage.



Bansal Aradhya facility / wire-drawing line

87+

Years group heritage

610kT

Group annual capacity

5K+

Customers worldwide

60+

Countries served

What The Partnership Delivers

1

Mill-direct supply

Cut-to-length, mill test certificate, traceable batch on every despatch.

2

Stocked range

8 mm – 60 mm. 6×19, 6×36 classes; FC & IWRC; ungalvanised & galvanised.

3

Tensile grades

1230 · 1370 · 1420 · 1570 · 1770 · 1960 · 2160 N/mm²

4

Lengths

Up to 4,000 m on lower diameters; 2,000 m on higher diameters.

Manufactured / certified to

ISO 9001:2015

IATF 16949:2016

BIS

Lloyds Register

EN 12385

API 9A

JIS G3525

BS 302

Note on scope: Bansal Aradhya does not currently produce non-rotating rope. HEFT supplies 35×7 / 19×7 and compacted ropes from Usha Martin — see next page.

6×19 & 6×36: GENERAL & CRANE CLASS



BANSAL ARADHYA STEEL PVT. LTD.
(Formerly known as Aradhy Steel Pvt. Ltd.)
Regd. Office: 407A, 10th Floor, Bansal Complex, Laxmi Road, Bangalore-560025 IN
Works: To 124, Halasuru, Bangalore, Bangalore-577 556.
CN: 1000816A188970000163 Email: info@bansalsteel.com

Date of Test: 27.09.2020

TEST CERTIFICATE

T.C. No. 15402
Customer: M/S HEPT TESTING PVT LTD
Customer Order Ref.: BANSAL/01807/2020-26/01
Work Order No.: A2504-44
Roll Number: A2504-44/01
Manufacturer: M/S BANSAL ARADHYA STEEL PVT. LIMITED

Date: 27.09.2020
Date: 17.03.2020

SPECIFICATION

Applied Standard: IS 2266:2002
Nominal Diameter of Rope: 24 mm
Construction: 6×36WS
Strand Construction: 14-7-1-1
Tensile Grade of Steel Wire Rope: 1960 N/mm²
Wire Finish: Galvanized, Class B
Type of Core: IWRC
Type of Lay & Direction: B&B
Length of Rope: 1 X 1000 Mtr.
Lubrication: A2
Min Breaking Load: 402 kN

RESULTS OF TEST & EXAMINATION

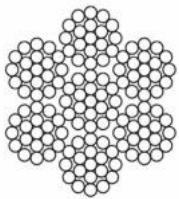
Diameter off Tension: 24.48 mm
Lay Length off Tension: 156 mm
Measured breaking Load: 419.3 kN

This is to Certify that the above tests have been carried out in accordance with the relevant Specifications / Order.

P. JAYARAJ
MANAGER, N
Sr. Engg (QA)
Bansal Aradhy Steel Pvt. Ltd.
Authorized signatory (QA)

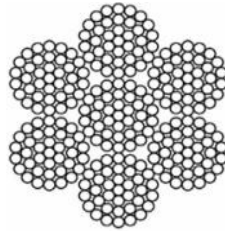
ELC
EVALUATION & CERTIFICATION
LTD

6 x 19 STRAND CONSTRUCTION



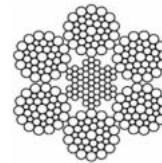
1-6-12 = Construction
1 = centre wire
6 = Inner wire
12 = outer wire

6×19 cross-section



6×36 cross-section

6x36(WS) STRAND CONSTRUCTION



14-14-7-1 = Construction
1 = centre wire
7 = inner wire
14 = intermediate wire
14 = outer wire

IWRC vs FC core

6×19 & 6×36 Classes — Bansal Aradhy

FC + IWRC available

Class	Constructions	Application	Core	Tensile (N/mm ²)
6×19	6×19, 6×25FW, 6×26WS	General lifting, hoisting	FC / IWRC	1770 / 1960
6×36	6×36WS, 6×37	Crane, hoist, winch — fatigue resistant	FC / IWRC	1770 / 1960 / 2160
Compacted	6×19 / 6×36 compacted strand	Higher BL per dia, longer service life	IWRC	1960 / 2160
Galvanised	Type A / AB / B	Marine, corrosion-critical	FC / IWRC	1770 / 1960
Diameters	8 mm – 60 mm	Cut-to-length	--	--
Lengths (max)	Up to 4,000 m	Lower diameters	--	--

Manufactured to

EN 12385-4

IS 2266

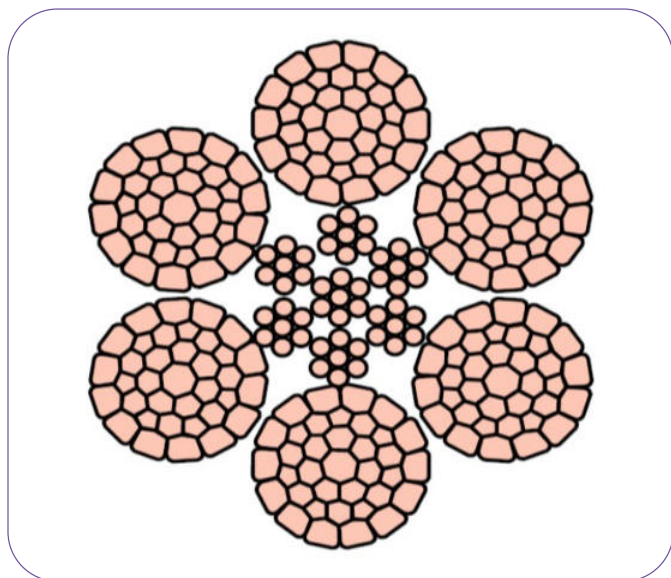
API 9A

BS 302

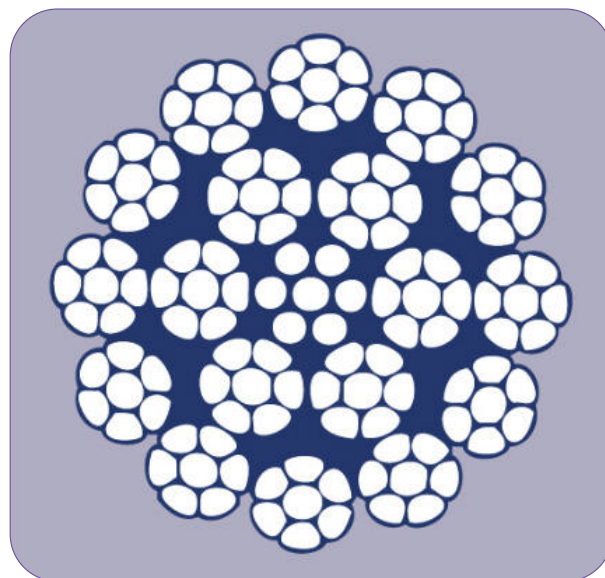
JIS G3525

35×7, 19×7 & COMPACTED NON-ROTATING CLASS

Non-rotating wire rope for single-fall crane lifts, offshore and high-tension applications. Sourced from Usha Martin – Bansal Aradhya does not currently produce non-rotating rope.



Cross-section — 35×7



Compacted strand

Non-Rotating & Compacted — Usha Martin				IWRC standard
Class	Constructions	Application	Rotation	Tensile (N/mm ²)
35×7	34×7, 35×7, 37×7	Single-fall crane, offshore, heavy lift	Non-rotating	1960 / 2160
19×7 / 18×7	Multi-strand	Crane main hoist, winch	Semi non-rotating	1770 / 1960
Compacted / Swaged. Plasticated	PVF / Cushion-core / Plastic-impregnated.	Higher BL per diameter, long life	--	1960 / 2160
Stainless Steel	AISI 316 / 304	High-cycle, anti-fretting	--	1960
		Marine, chemical, food-grade	--	--
Elevator Rope	8×19, 8×21	Lift / elevator	--	1370 / 1570

Manufactured to

EN 12385-4

EN 12385-10

API 9A

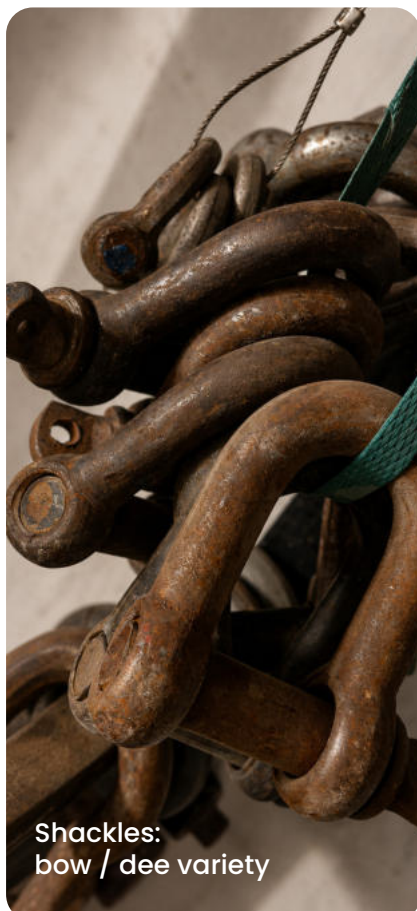
IS 2266

IS 1835 (elevator)

SHACKLES (BOW & DEE)

MODEL NUMBER

SHK



Master links /
connecting links



Hook / lifting
point detail



Bow Shackles — Anchor Type · G2130

Screw-pin or bolt-type, forged alloy / carbon. The standard bow profile for multi-directional loading. Crosby G-2130 reference.

0.33 T – 1500 T · screw-pin & bolt

Bow Shackles — Chain Type

Bow profile sized for chain assemblies, screw-pin or bolt-type, for inline pulls with chain slings.

G80 / G100 · alloy

Dee Shackles

Screw-pin & bolt type – straight Dee profile for in-line / single-direction loading. Crosby G-2150 reference.

0.33 T – 700 T

Stainless Shackles

AISI 316 forged-marine, chemical & food-grade environments.

SS 316 / 304

Stocked to

EN 13889

US Federal Spec RR-C-271

ASME B30.26

IS 6132

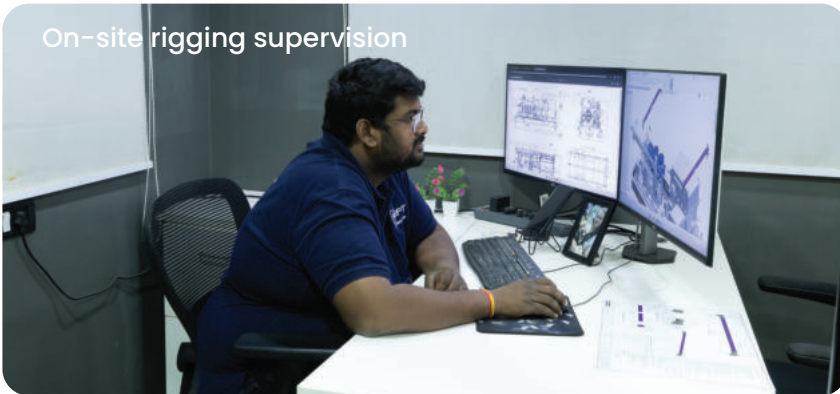
ENGINEERING & SITE SUPPORT

Lift planning, rigging engineering, FEA, method statements and on-site rigging supervision for critical lifts. From paper exercise to crane on-site, our engineers carry the lift from concept to completion.

Lift planning — engineering drawing / FEA



On-site rigging supervision



CoG weighment

Lift Planning & Rigging Engineering

1

Lift studies, rigging plans,

Heavy Lift Design

2

Multi-crane lifts, tandem lifts & complex module installations.

FEA & Engineering Analysis

3

Finite element analysis on custom BTH devices & project rigging.

On-Site Rigging Supervision

4

Competent person deployment for critical lifts.

Lift planning per

BS 7121

LOLER 1998

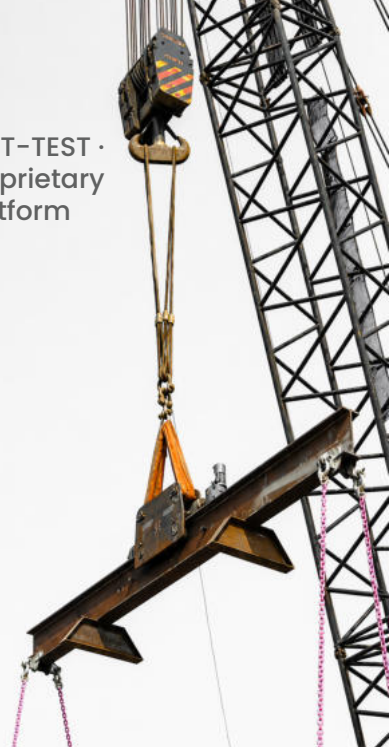
API RP 2D

DNV ST-N001

HEFT-TEST YOUR LIFTING REGISTER, ONLINE

HEFT-TEST is our proprietary web app a single source of truth for every lifting gear, equipment and certificate on your site. QR-tagged assets, automatic re-inspection reminders, certificate downloads on demand. Already in service with HEFT clients across India.

HEFT-TEST ·
proprietary
platform



Lifting Equipment Register

Every sling, shackle, beam, hoist on your site recorded once, scanned forever. QR / RFID asset tags, photos, history, location.

HEFT-TEST · core module



Re-Inspection Reminders

Automatic email / SMS alerts before any item falls due. No more missed re-certifications, no more downstream paperwork.

HEFT-TEST · scheduler



Certificate Vault

Every test certificate retrievable by scanning the asset tag instant audit response, no chasing files.

HEFT-TEST · certs



Field Inspection App

Field-side capture for inspectors — photo, defect, signature & sync. Works offline, syncs when back online.

iOS / Android



Sling & Rigging Calculator

Free WLL calculator with sling-angle, mode-factor and safety-factor logic. Web-based, no install.

Free tool



Lift Plan Builder

Sling-angle, beam selection, load distribution generates a draft lift plan you can hand to the rigger.

Browser-based

Try it

HEFT-TEST is included free with every supply / inspection contract. Stand-alone subscriptions also available for sites managing third-party gear.

[heftindia.com / HEFT-TEST](https://heftindia.com/HEFT-TEST)

Talk to a rigger, not a switchboard.

We provide comprehensive lifting, testing, inspection, and engineering services across India and Saudi Arabia, with the capability to mobilize our technical team and equipment to customer sites



Sales

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Web

www.heftindia.com | Catalog & services

Flagship · Test House

Test House & Tech Office | Navi Mumbai · India

HEFT TESTING PRIVATE LIMITED

Unit B/48, Dhruv Logistic Park,

Near Taloja MIDC, Ghotkamp Koyanavele, Panvel – 410208, Maharashtra

600 MT × 100 ft test bed | Manufacturing & QC

Statutory IDs

CIN U27100MH2023PTC397039 | UDYAM-MH-27-0092191

GST 27AAGCH6458JIZ4

Quality & Code

ISO 9001:2015 certified | DNV Type Approval (CCUs)

ASME · LOLER · API 2C | Form 11 statutory testing

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RIGTRON

