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LUCKY

HOIST SERVICES

INDUSTRIAL CRANE & LIFT • HANDLING EQUIPMENT
MANUFACTURING • INSTALLATION • REPAIR • MAINTENANCE

Product Catalogue

ABOUT US

Lucky Hoist Services is a trusted crane and lifting equipment manufacturer with over 18 years of expertise. Founded by **Mr. Narubhai Makwana**, we provide high-quality cranes, hoists, and lifting solutions backed by professional installation, maintenance, and dedicated customer support across India.

Our manufacturing operations are based in Vapi and Ahmedabad, Gujarat, where we design, fabricate, and test a complete range of material handling equipment for industries including manufacturing, automotive, steel, warehousing, and logistics.

OUR MISSION

To deliver reliable, safe, and efficient lifting solutions through quality manufacturing, prompt service, and long-term customer partnerships.

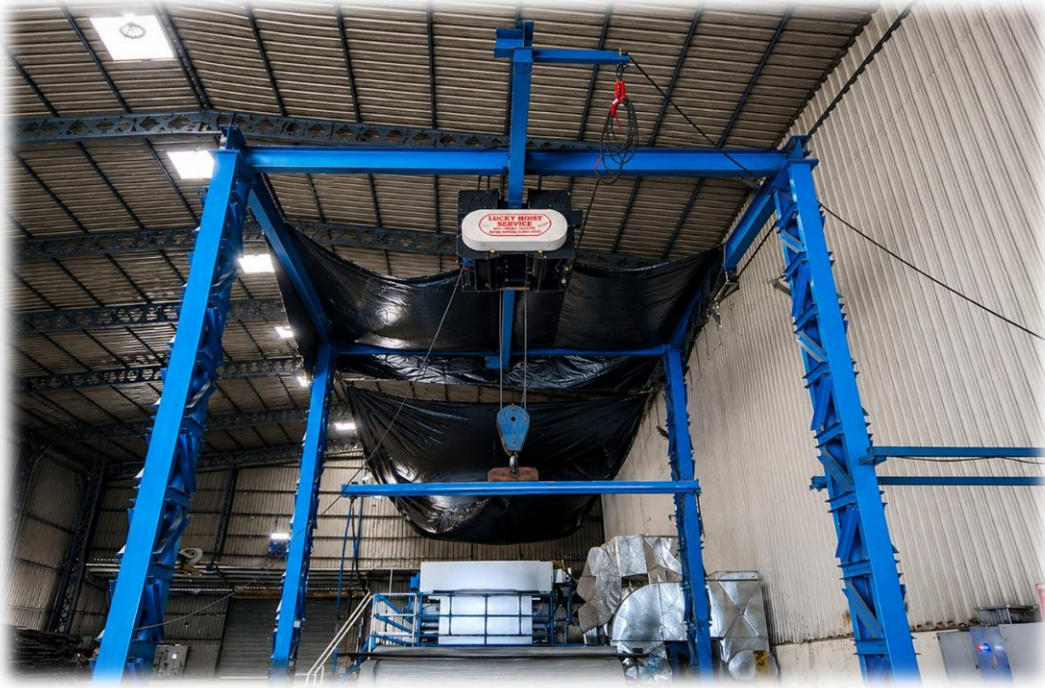
OUR VISION

To be a leading name in crane and hoist manufacturing across India, recognised for engineering quality, durability, and trusted after-sales support.

Why Choose Us

- 20+ years of manufacturing expertise in cranes, hoists, and lifting equipment
- Manufacturing units in Vapi and Ahmedabad, Gujarat
- Complete product range — EOT, Gantry, Jib, Underslung, Monorail Cranes, Hoists & Goods Lifts
- Full range of material handling equipment — wire rope & chain hoists, slings, chains, trolleys
- Custom-engineered solutions for capacity, span, and site requirements
- Dedicated installation, breakdown maintenance & AMC support
- Flameproof and non-flameproof options available across product range

SINGLE GIRDER EOT CRANE



Best suited for medium duty applications

Single girder EOT cranes are designed to cover a wide range of industrial demands, offering excellent value for money with no compromise on performance. Reduced wheel loads save on support structure costs while allowing increased lifting capacities on existing structures. Hoists are offered in low headroom format running on the bottom flange of the beam, ensuring optimum use of available headroom.

Technical Specifications

Capacity (t)	0.5 – 20
Span (m)	3 – 50
Height of Lift (m)	3 – 50
Location	Indoor & Outdoor
Ambient Temperature	Up to 50°C
Main Hoist Speed	1 – 10 m/min
Cross Travel Speed	10 – 50 m/min
Long Travel Speed	10 – 50 m/min
Crane Control	Pendant / Radio Remote Control
Power Source	Shrouded DSL
Option	Flameproof / Non-flameproof

DOUBLE GIRDER EOT CRANE



Best suited for heavy duty applications

Double girder EOT cranes provide a greater height of lift within a given headroom, as the hook travels between the two main girders. Available in higher capacities than single girder cranes, they are well suited to heavy-duty operations. A walkway can be fitted along the girders for safe maintenance access to critical components, including under-bridge lighting.

Technical Specifications

Capacity (t)	2 – 100
Span (m)	3 – 50
Height of Lift (m)	3 – 50
Location	Indoor & Outdoor
Ambient Temperature	Up to 50°C
Main Hoist Speed	1 – 10 m/min
Cross Travel Speed	10 – 50 m/min
Long Travel Speed	10 – 50 m/min
Crane Control	Pendant / Radio Remote Control
Operation Cabin	Open / Closed / AC Cabin
Power Source	Shrouded DSL, MS Angle DSL, Drag Chain
Option	Flameproof / Non-flameproof

UNDERSLUNG CRANE



Single / Double Girder — suspended design

Underslung cranes are suspended from overhead beams or roof structures rather than running on dedicated support columns, making them ideal where floor area and existing structure need to be used efficiently. They offer greater coverage of floor area for medium duty applications without the need for additional support construction.

Technical Specifications

Capacity (t)	0.5 – 15
Span (m)	3 – 50
Height of Lift (m)	3 – 50
Location	Indoor & Outdoor
Ambient Temperature	Up to 50°C
Main Hoist Speed	1 – 10 m/min
Cross Travel Speed	10 – 50 m/min
Long Travel Speed	10 – 50 m/min
Crane Control	Pendant / Radio Remote Control
Power Source	Shrouded DSL
Option	Flameproof / Non-flameproof

GANTRY / GOLIATH CRANE / TYRE MOUNTED GANTRY



Unrivalled design strength and stability

Our gantry cranes are engineered for outdoor and open-area applications where no overhead structure exists to support an EOT crane. Built with standardised, quality I-beams and corrosion-resistant fittings, gantry cranes provide excellent coverage of floor area and can be run on rails or directly on a hard floor.

Technical Specifications

Capacity (t)	2 – 50
Span (m)	3 – 50
Height of Lift (m)	3 – 50
Location	Indoor & Outdoor
Ambient Temperature	Up to 50°C
Main Hoist Speed	1 – 10 m/min
Cross Travel Speed	10 – 50 m/min
Long Travel Speed	10 – 50 m/min
Crane Control	Pendant / Radio Remote Control
Operation Cabin	Open / Closed / AC Cabin
Power Source	Cable Reeling Drum, Shrouded DSL, MS Angle DSL, Drag Chain
Option	Flameproof / Non-flameproof

SEMI-GANTRY / GOLIATH CRANE



Hybrid support for partial-structure applications

Semi-gantry cranes are ideal when only part of a span needs ground-supported legs. One end of the girder is supported on legs like a standard gantry crane, while the other end runs on a rail mounted on top of existing columns — combining the flexibility of a gantry with the structural economy of an EOT crane.

Technical Specifications

Capacity (t)	2 – 50
Span (m)	3 – 50
Height of Lift (m)	3 – 50
Location	Indoor & Outdoor
Ambient Temperature	Up to 50°C
Main Hoist Speed	1 – 10 m/min
Cross Travel Speed	10 – 50 m/min
Long Travel Speed	10 – 50 m/min
Crane Control	Pendant / Radio Remote Control
Operation Cabin	Open / Closed / AC Cabin
Power Source	Shrouded DSL, MS Angle DSL, Drag Chain
Option	Flameproof / Non-flameproof

ROTATING / TURNING GANTRY CRANE



Mobile gantry solution for open yard applications

Rotating and turning gantry cranes are designed for open areas with no available support structure for an EOT crane. They provide excellent coverage of floor area and are built to run on a hard floor, offering flexible positioning for medium duty lifting tasks.

Technical Specifications

Capacity (t)	0.5 – 25
Span (m)	3 – 20
Height of Lift (m)	3 – 10
Location	Indoor & Outdoor
Ambient Temperature	Up to 50°C
Main Hoist Speed	1 – 5 m/min
Cross Travel Speed	5 – 20 m/min
Long Travel Speed	5 – 30 m/min
Crane Control	Pendant / Radio Remote Control
Option	Flameproof / Non-flameproof

JIB CRANE



Available from 125 kg to 6300 kg standard capacity

Jib cranes are available in a wide range of standard formats — pillar or post-mounted, and wall or column mounted — for precise lifting in a specified small area. The cantilever design allows up to 360-degree rotation, and each unit can be equipped with chain hoists or wire rope hoists, with optional electric travel and electric slewing gear.

Technical Specifications

Capacity (t)	0.5 – 20
Rotation	Up to 360°
Radius (m)	Up to 8
Height of Lift (m)	3 – 20
Location	Indoor & Outdoor
Ambient Temperature	Up to 50°C
Main Hoist Speed	1 – 10 m/min
Travel Speed	5 – 50 m/min
Crane Control	Pendant / Radio Remote Control
Power Source	Festoon Cabling & Shrouded DSL
Option	Flameproof / Non-flameproof

MONORAIL CRANE



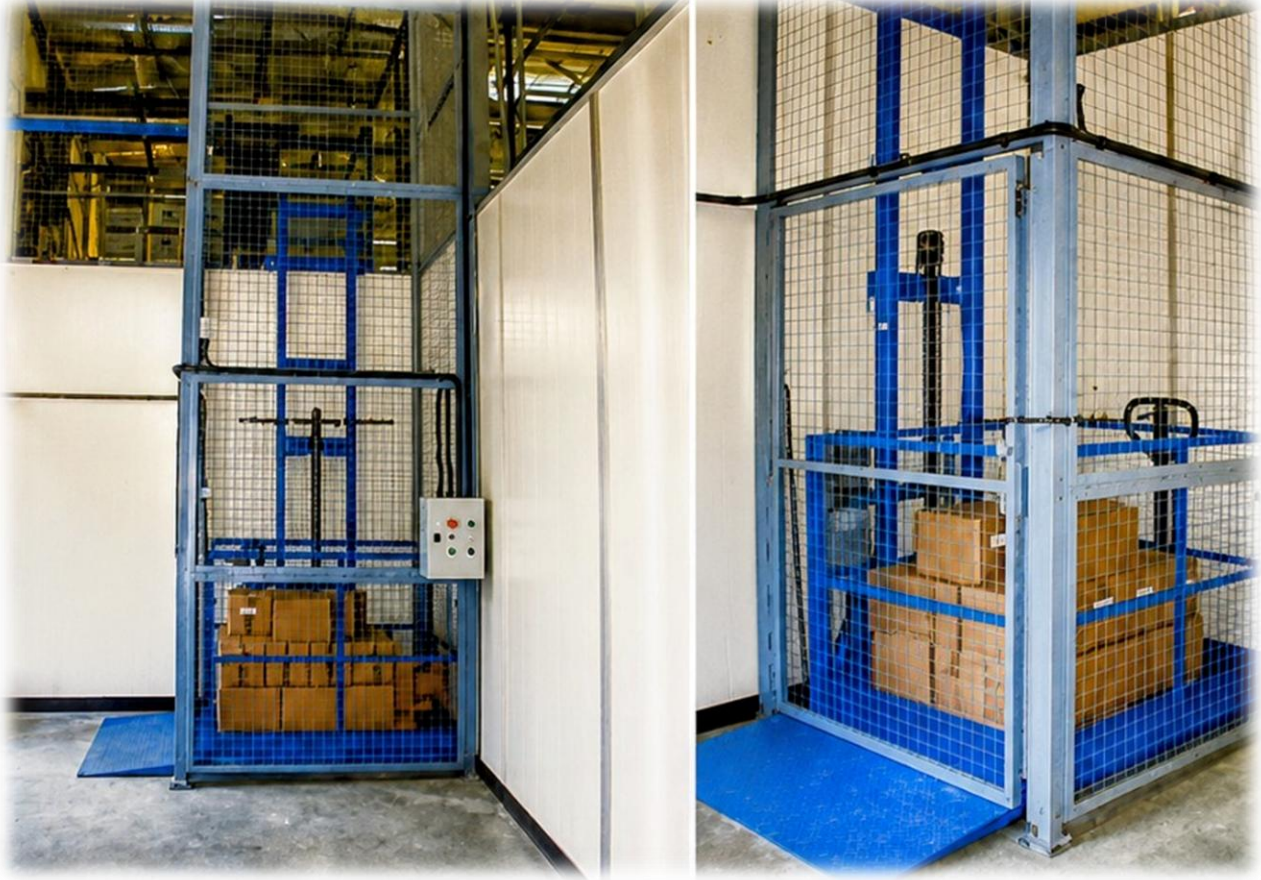
Engineered for fixed or curved material paths

Monorail cranes are engineered for handling material along a fixed path, which can also be curved to suit the facility layout. They can be supported by existing RCC beams or structures, or we can design dedicated support structures to mount the underslung monorail system.

Technical Specifications

Capacity (t)	0.5 – 10
Travel Length (m)	3 and onwards
Height of Lift (m)	3 – 50
Location	Indoor & Outdoor
Ambient Temperature	Up to 50°C
Main Hoist Speed	1 – 10 m/min
Travel Speed	5 – 50 m/min
Crane Control	Pendant / Radio Remote Control
Power Source	Festoon Cabling & Shrouded DSL
Option	Flameproof / Non-flameproof

GOODS LIFT / ELEVATOR



Robust vertical handling for industrial environments

Our goods lifts and elevators are designed for solely-goods or goods-cum-passenger applications, commonly used in pharma, paint, and chemical plants under FDA-compliant standards. Built with a robust, strong design, the cabin can carry loads up to 10 tons with a cross-section of up to 5m x 5m.

Technical Specifications

Capacity (t)	1 – 10
Cabin Size	Up to 5m x 5m
Height of Lift (m)	3 – 30
Location	Indoor & Outdoor
Ambient Temperature	Up to 50°C
Travel Speed	3 – 10 m/min
Crane Control	Pendant
Power Source	Cabling
Option	Flameproof / Non-flameproof

ELECTRIC WIRE ROPE HOIST



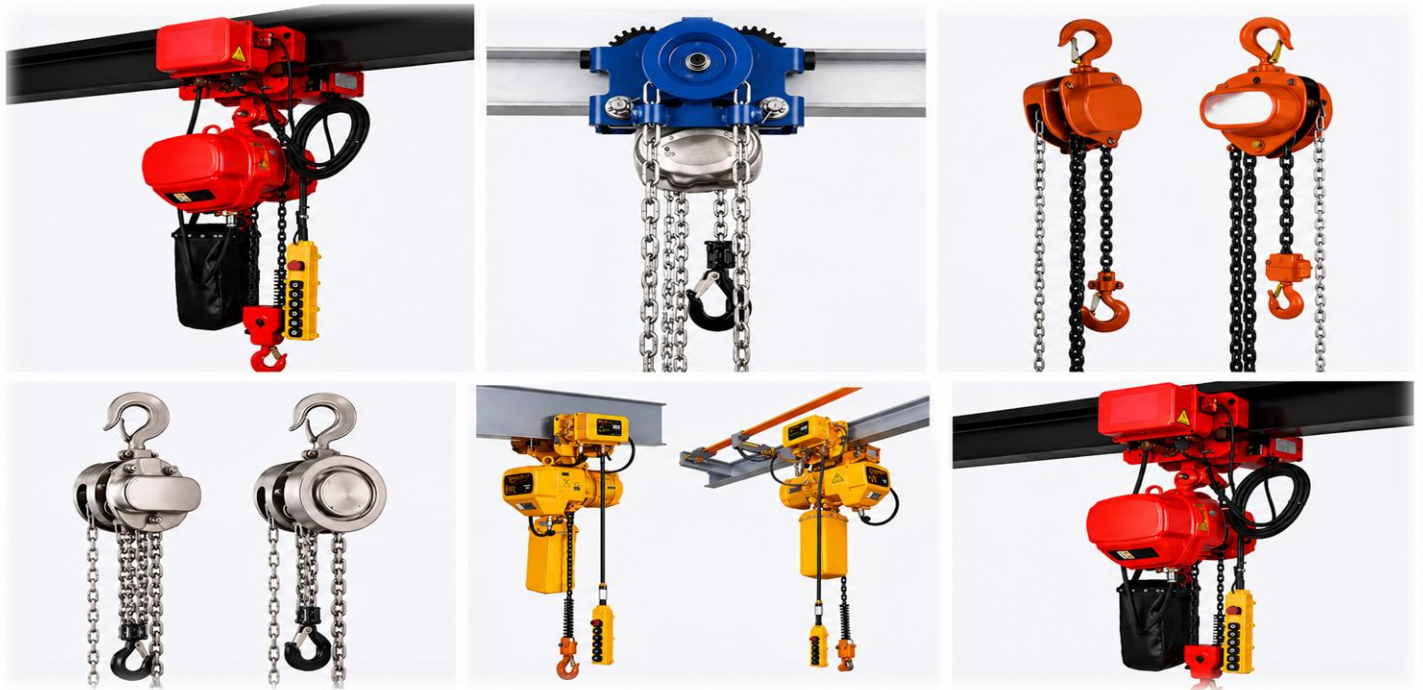
Heavy-duty hoisting for EOT & gantry cranes

Our electric wire rope hoists are precision-built for heavy-duty lifting, with twin wire rope drums, robust gearing, and reliable braking systems. Manufactured under our own brand and fitted to our cranes, they are also available as standalone units to upgrade existing crane structures.

Technical Specifications

Capacity (t)	0.5 – 100
Height of Lift (m)	3 – 50
Drive	Twin wire rope drum
Location	Indoor & Outdoor
Crane Control	Pendant / Radio Remote Control
Option	Flameproof / Non-flameproof

CHAIN BLOCK & ELECTRIC CHAIN HOIST



Manual and powered chain hoisting solutions

We supply manual chain pulley blocks and electric chain hoists for light to medium duty lifting. Manual chain blocks offer a cost-effective, portable lifting solution, while electric chain hoists provide powered lifting and lowering for repeated industrial use, with hook suspension or trolley-mounted options.

Technical Specifications

Capacity (t)	0.5 – 20
Type	Manual Chain Block / Electric Chain Hoist
Chain Grade	Alloy 80 grade
Suspension	Hook mount / Trolley mount
Crane Control	Hand chain (manual) / Pendant (electric)

PORTABLE WIRE ROPE HOIST (WINCH)



Compact powered lifting for general use

Our portable electric wire rope hoists (winches) are compact, plug-and-use lifting units suited for general-purpose material handling where a fixed installation is not required. Supplied with pendant control for simple up/down operation.

Technical Specifications

Capacity (kg)	100 – 1000
Power Supply	Single phase electric
Crane Control	Pendant switch
Mounting	Portable / fixed bracket

WIRE ROPE SLINGS



Various Configurations of Single Leg Wire Rope Slings



2 Leg Wire Rope Slings



3 Leg Wire Rope Slings



4 Leg Wire Rope Slings

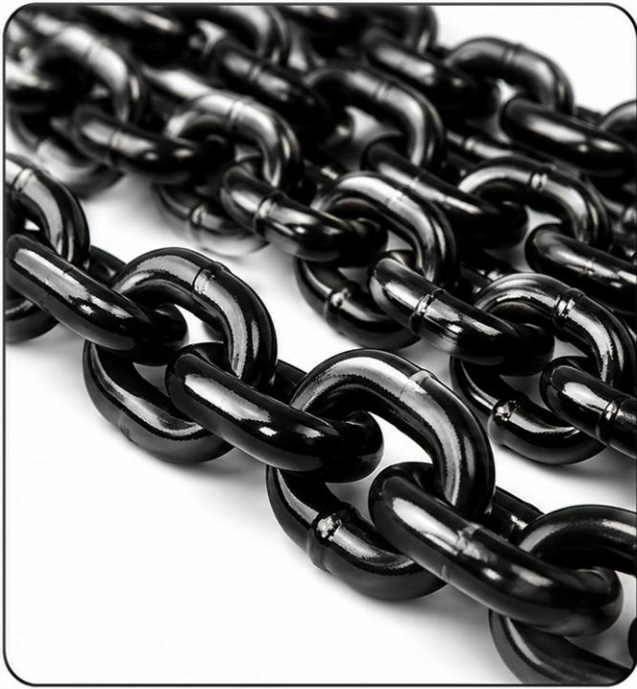
Single-leg, multi-leg & configured slings for rigging

We supply a complete range of wire rope slings in various configurations — single-leg, 2-leg, 3-leg, and 4-leg arrangements — built to safely rig and lift loads across all crane and hoist applications. Each configuration is built using galvanized wire rope and forged fittings for long service life.

Technical Specifications

Configurations	Single, 2-leg, 3-leg, 4-leg slings
Material	Galvanized wire rope
Fittings	Forged hooks, thimbles & master links
Use	General rigging and load lifting

ALLOY CHAIN & POLYESTER WEBBING SLINGS



Grade 80 chain and soft slings for safe rigging

Our Alloy 80 grade chains offer high tensile strength for demanding lifting applications, while our polyester webbing slings provide a lightweight, soft-edged alternative ideal for delicate or finished loads. Webbing slings are available in a full range of colours denoting capacity ratings.

Technical Specifications

Chain Grade	Alloy 80
Webbing Sling Capacity	1 – 10 t (colour coded)
Webbing Material	Polyester, flat & endless loop
Use	Rigging, lashing & load securing

DSL BUS BAR SYSTEM & CRANE ELECTRICALS



Our shrouded conductor DSL (Downshop Leads) bus bar system provides safe, low-maintenance power supply along the crane's long travel motion, replacing festoon cabling in many applications. The compact, fully shrouded design protects against accidental contact while supporting high duty-cycle operation.

Accessories Available

- Steel joints & joint covers
- End caps and casting copper shoes
- 1-pole and 4-pole hanger clamps
- Current collectors and shoe holders
- Crane wire ropes — galvanized & ungalvanized
- Crane push button stations (4 to 10 button configurations)



CRANE COMPONENTS & ACCESSORIES

In addition to complete cranes and hoists, we supply individual crane-duty components — brakes, limit switches, and master controllers — for new builds, upgrades, and spare-part replacement.

Disc Brake



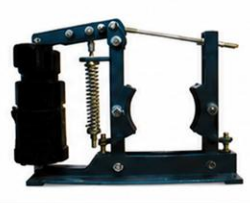
Shoe Brake



Indef Brake



HY. Thruster Brake



Brake Liner



Get Lock Limit Switch



Counter Weight Limit Switch



Rotry Limit Switch



Smoll Rotry Limit Switch



Lever Type Limit Switch



Lift Limit Switch



Master Controller



DSL Bus Bar Fittings

Steel Joint



End Cap



Casting Copper Shue



1 Roll Hanger Clamp



Joint Cover



4 Poll Hanger Clamp



Current Collector



Shue Holder



CRANE CABLE TROLLEYS

We supply a wide range of crane cable trolleys for festoon cabling systems, ensuring smooth, reliable cable management along the crane's long travel motion. Multiple mounting and roller configurations are available to suit different beam profiles and cable loads.



Industrial Applications

- Festoon cabling systems on EOT & gantry cranes
- Power and control cable support along crane runways
- Retrofit replacement on existing cable trolley systems

FLOOR & MATERIAL HANDLING EQUIPMENT

Beyond overhead lifting, we supply ground-level material handling equipment to move and stack loads efficiently across your facility.

Drum Trolley



A four-wheel trolley designed to safely transport drums and barrels across the factory floor, with a securing chain and stable wheelbase to prevent tipping.

Pallet Truck Trolley



Manual hand pallet trucks for everyday movement of palletized goods across warehouse and factory floors — simple, durable, and low maintenance.

Manual Stacker



A hand-operated hydraulic stacker for lifting and stacking palletized loads to height, ideal for low-volume warehousing and storage applications.

OUR WIRE ROPE PARTNER



All wire ropes used in our cranes and hoists are sourced from Usha Martin — India's leading wire rope manufacturer — ensuring every lift is backed by certified, high-tensile, long-life wire rope built to international quality standards.

Why It Matters

Wire rope is the single most critical safety component in any hoist or crane. By sourcing exclusively from Usha Martin, every Lucky Hoist Services crane and hoist benefits from consistent quality control, certified breaking strength, and long-term durability — giving our customers confidence in every lift.

STANDARD & OPTIONAL FEATURES

Standard Features

- Limit switches & emergency limit switch
- IP 42 protection for control panels
- Galvanized / ungalvanized FMC core wire ropes
- Sealed bearings, lubricated for life
- Energy efficient motors

Optional Features

- Remote monitoring of crane operations (telematics)
- Load indicator with or without display
- Crane synchronisation for tandem operation
- Two or more hoists on the same girder, with/without synchronisation
- Anti-sway / sway control systems
- Under-bridge lighting
- PLC-based automation for target positioning
- VFD — Variable Frequency Drive
- Crane anti-collision systems
- Drag chain for cross traverse motions
- Joystick (RCC) for motions
- Movable operator cabin
- Centralised lubrication system
- Access platforms
- Enhanced speed range on request

OUR SERVICES

We believe we are here to help our customers with our specialised skills. Beyond manufacturing, we offer complete after-sales support to keep your equipment running reliably for years.

- **Health check-up of cranes and lifts**
- **Supply and fixing of spares for cranes and lifts**
- **Modification or refurbishment of existing cranes and lifts**
- **Breakdown maintenance of cranes and lifts**
- **Annual Maintenance Contracts (AMC) for preventive maintenance**

Installation & Support

Every crane and hoist we supply is backed by professional installation and dedicated customer support across India, ensuring your equipment is commissioned safely and performs reliably from day one.



Office & FACTORY — VAPI

Plot No. 165/A/8, 2nd Phase,
Near Kabra Parcel, Vapi,
Valsad, Gujarat – 396195

FACTORY — AHMEDABAD

110, Gajanan Industrial Estate,
Opp. Maruti Industrial Estate,
Near Hathijan Circle, Vatva – 382440

Narubhai Makwana — Founder

Mobile: 88660 34595 | Office: 98245 34595
Email: luckyhoist1@gmail.com

Manufacturers of EOT Cranes, Gantry Cranes, Jib Cranes, Hoists & Material Handling Equipment