



CRANES & COMPONENTS

INOVIC CRM

(INDIA) PRIVATE LIMITED



ELECTRIC WIRE ROPE HOISTS

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ELECTRIC WIRE ROPE HOISTS

FEATURES

- Wide range - 1T to 20T
- Seamless pipe for rope drum
- Compact and optimized design
- Low head room
- Manufactured as per IS : 3938 & 807
- Reliable electrical components
- Durability
- Adjustable mounting
- High tensile strength rope

OPTIONAL

- Variable speed control
- Radio remote control
- Best in class electrical panel
- Flame proof
- Disc brake
- Unconditional warranty
- Safety limit for upper/Lower travel



APPLICATION

Construction site, Heavy Fabrication work,
Manufacturing plant, Chemical plant,
Warehouse, Steel plant

ROPE DRUM AND GUIDE

Seamless pipes are used for drums. Hoist are equipped with rope guides.

GEARBOX

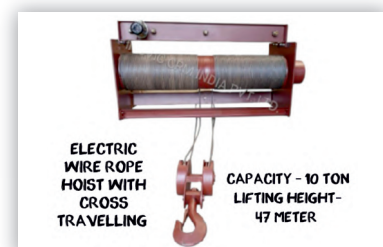
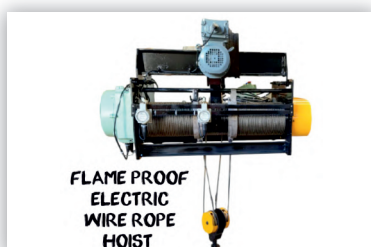
Gearbox used in the crane are totally enclosed in dust proof construction. Alloy steel hobbled teeth helical spur gears are used with solid pinions running on ball/ roller bearing.

CONTROL PANEL

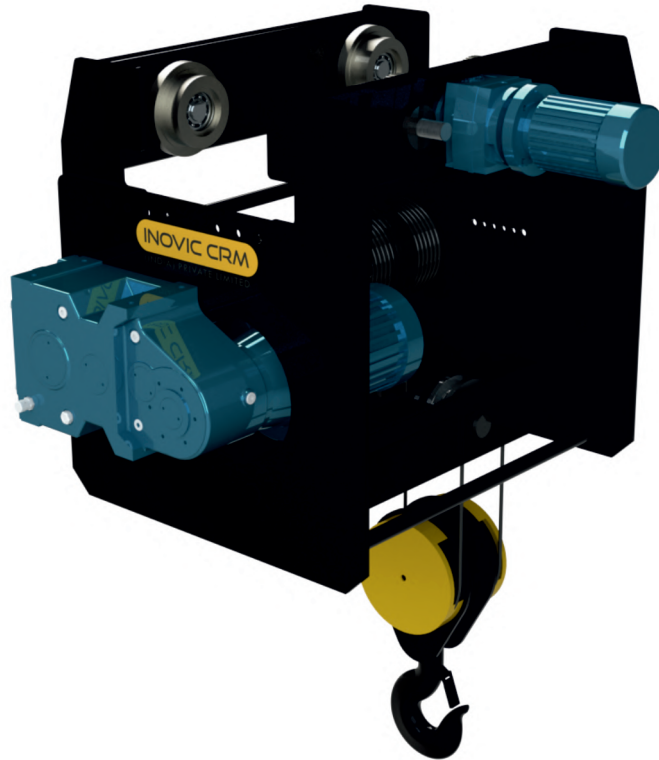
Control panels consists of standard make of heavy-duty contractors, overload relay, transformers and other associated equipments. All Hoists are suitable for three phases 415 V + -10%, 50Hz, AC Supply.

BRAKES

Electromagnetic AC Disc shoe type spring loaded brakes are used for heavy duty operation. Brakes are mounted on the non-driving end of the motor and are easily accessible.



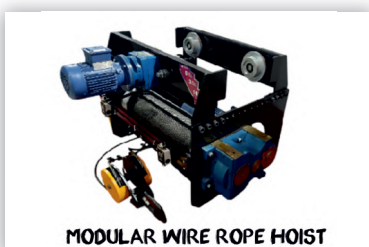
MODULAR WIRE ROPE HOISTS



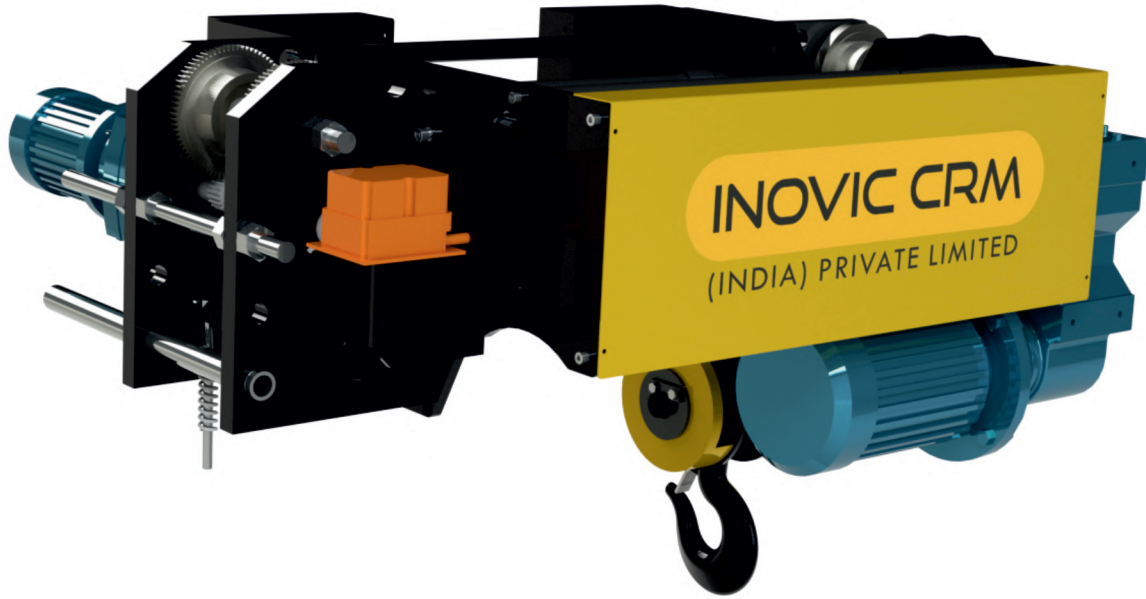
Dimensions and Technical Specifications

CATEGORY	Height of Lift	Headroom (A)	Overall Width (B)	Side to Side width (C)
3000 KG	6 MTR	1000 MM	1023 MM	810 MM
5000 KG	6 MTR	1350 MM	1054 MM	811 MM
10000 KG	6 MTR	1400 MM	1273 MM	979 MM

Capacity	3000 KG	5000 KG	10000 KG
Rope Diameter	10 MM	12 MM	16 MM
Lifting Motor Power	5 HP	7.5 HP	12.5 HP
Lifting Speed (m/min)	4 MPM	3.3 MPM	2.7 MPM
CT Motor Power	0.5 HP	0.75 HP	1 HP
CT Speed (m/min)	14 MPM	14 MPM	11 MPM
Brake Type IN HT	DC EM DISC BRAKE		



LOW HEADROOM WIRE ROPE HOISTS



Designed for spaces with limited headroom, our Low Headroom Wire Rope Hoist delivers powerful lifting capabilities in a compact form. Engineered for efficiency and reliability, it is the ideal solution for workshops, warehouses, and industrial environments where vertical space is at a premium.

Our Low Headroom Wire Rope Hoist is specifically built to operate in areas with restricted vertical clearance. Combining robust construction with compact design, it ensures safe, smooth, and space-efficient lifting for demanding industrial applications.

Maximize performance in minimal space — the Low Headroom Wire Rope Hoist by **INOVIC CRM** (INDIA) PVT LTD is crafted for precision lifting in low-clearance environments. Built with cutting-edge engineering and superior durability, it's the smart choice for modern material handling.



CRAB



A compact designed crab unit for the various load capacity range, with articulated end carriage joints ensuring positive contact of all four wheels with the track, with two direct drive cross travel motors. Load capacity range: 1t to 50t

Absolute reliability is one of the most important features for a wire rope hoist. To ensure the highest possible reliability levels in everyday operation, our crane systems are made to the most stringent quality standards. **INOVIC** electric crab are produced using the most advanced technology available and continue to bear witness to their reliability, safety and durability year after year, from motor to rope, gearbox, brakes and electrical and electronic systems. Apart from quality, versatility is an outstanding feature of **INOVIC** electric crab. These units cover an extremely wide load capacity range, from 1,000kg to 50 tonnes. And the comprehensive standard equipment means that even a standard **INOVIC** electric crab is a versatile unit right from the start. Additional equipment is also available for special applications. Order an **INOVIC** electric crab and you can be sure that you have opted for a top-quality material handling unit





OVERHEAD CRANES

SINGLE GIRDER CRANE



INOVIC Single Girder Cranes are designed and made in accordance with the duty classification as per IS-3177 and IS-4137. These EOT Cranes are known for providing cost-effective solutions due to their low dead weight. **INOVIC** Electric Overhead Cranes are designed and manufactured with adequate factor of safety in compliance with the IS-807. Moreover, these cranes provide greater floor coverage than any other type of cranes. Main features of this crane are main bridge girder, End carriages and hoisting unit either **INOVIC** electrically operated hoist or manual operated chain pulley block.

SPECIFICATION

Capacity : Up to 20000 kgs.

Span Up to 30 mtrs.

Long Travel speed: Up To 30 mtrs/min

Cross Travel speed : Up To 15 mtrs/min.



DOUBLE GIRDER CRANE



In sync with predefined quality standards, **INOVIC** manufacture, export and supply a wide range of Double Girder EOT Crane. **INOVIC** crane is manufactured using supreme quality components and sophisticated machinery under the vigilance of adroit experts in tandem with market set quality seeds. Offered crane can be customized in various specifications as per the requirement of the clients. Provided crane is highly appreciated as it can hold the object for more time as compared to other cranes.

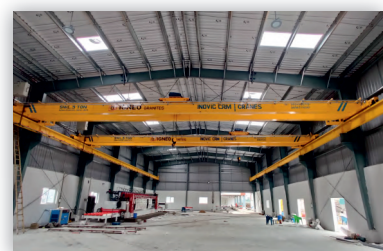
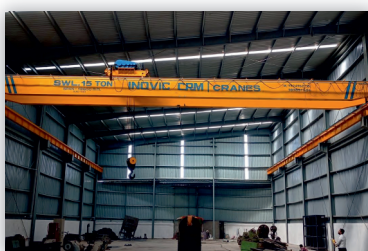
SPECIFICATION

Capacity : Up to 100000 kgs.

Span Up to 30 mtrs.

Long Travel speed: Up To 30 mtrs/min

Cross Travel speed : Up To 15 mtrs/min.



GOLIATH CRANE



Goliath Cranes, also known as Gantry Cranes, are among the most versatile and robust lifting solutions used in industrial environments where overhead crane systems are impractical or unavailable. These cranes are self-supporting structures that run on rails installed at ground level, eliminating the need for a runway structure or building columns. At **INOVIC** our Goliath Cranes are engineered with precision and manufactured using high-grade materials to ensure long-term reliability, smooth operation, and high performance under demanding conditions.

Our cranes are designed to handle **medium to ultra-heavy loads** with ease and are widely deployed in open yards, fabrication units, shipbuilding yards, construction sites, and container handling terminals. Their modular construction allows for cost-effective installation and easy maintenance, while the use of advanced control systems ensures operational safety and efficiency.



JIB CRANE



Jib crane is a type of crane where a horizontal member, supporting moveable hoist, is Fixed to a wall or to a Floor-mounted pillar. They are useful especially for loading or unloading work pieces or machine tools or even loading or unloading of trucks. Dedicated jib cranes for a single workstation or group of workstations allows for efficient material handling by reducing wait time for an overhead crane. Jib cranes are used in industrial premises. The jib may swing through an arc, to give additional lateral movement or be Fixed.

INOVIC designs and manufactures such Jib Cranes to suit specific client requirements.

INOVIC Electric Wire Rope Hoists or Chain Hoists do the lifting and moving duty on these Jib Cranes.

FEATURES

- Lighter in weight
- Less maintenance
- Suitable for critical shifting
- Easy mobility
- Rotation up to 360 degree

APPLICATION

- Unloaders
- Building construction
- Repair shop
- Stock yard
- Tool rooms

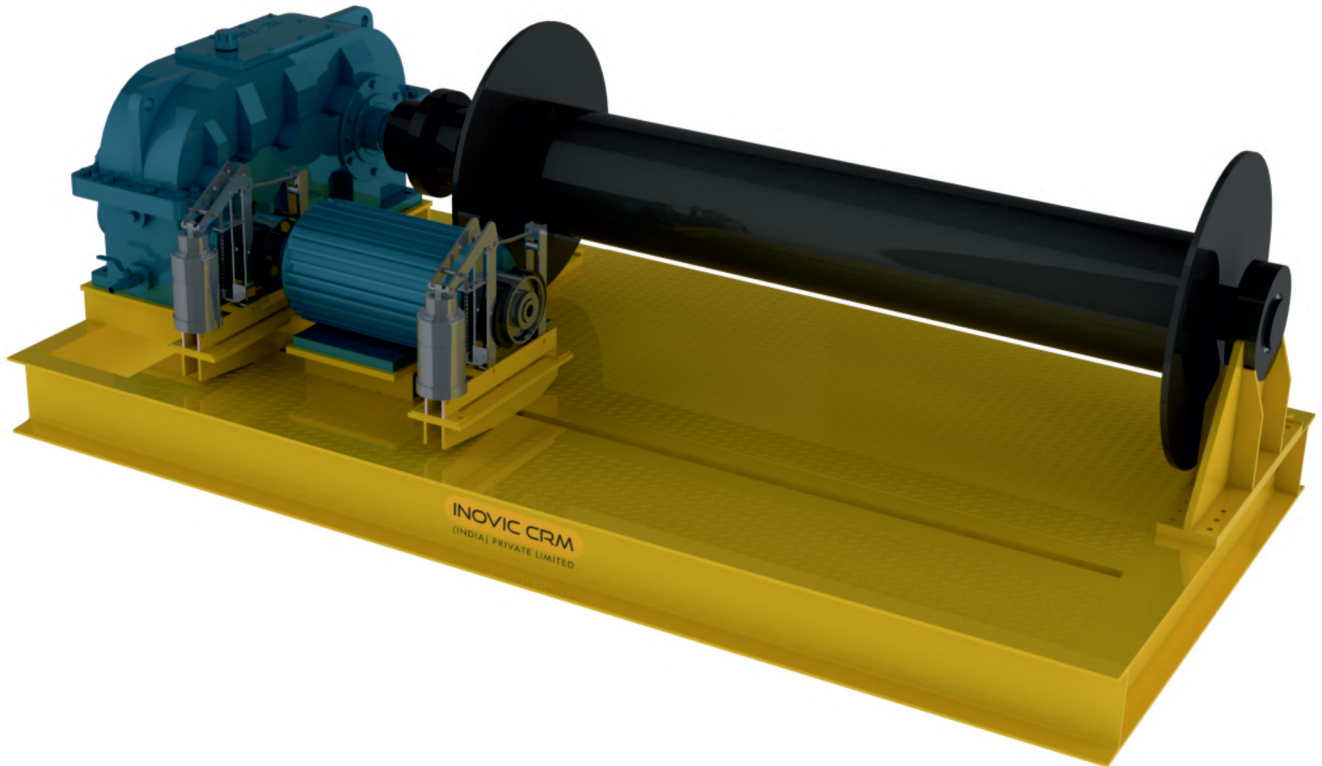


ELECTRIC WINCH



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ELECTRIC WINCH



- **INOVIC** Electric winch is for lifting and pulling operations in construction sites, mines, factories, Elevators and installation sites.
- **INOVIC** Electric winch is a reliable and cost-effective product, it is designed for many liftings and pulling applications. Powered by electricity, this type of winch provides convenient operation, excellent safety, and low operational cost.
- Our Winch Machine are made under strong quality control to ensure safety.
- If you are looking for an electric winch machine, just contact **INOVIC**. Our winch professionals are here, to help you choose the right winch for your application.



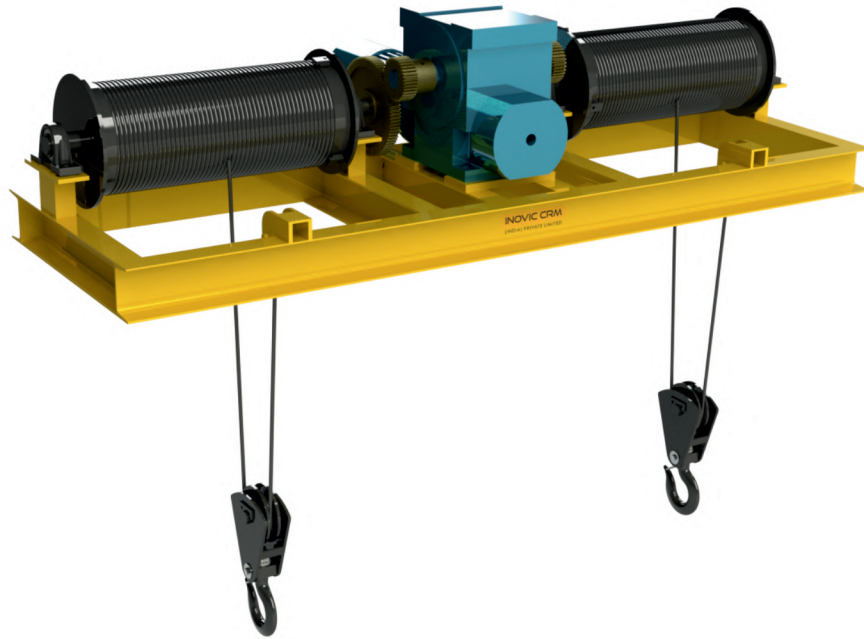
5 TON CAPACITY ELECTRIC WINCH MACHINE. 100 MTR LIFT CLASS IV DUTY SUPPLIED IN TATA STEEL, JAMSHEDPUR.



ELECTRIC DOUBLE DRUM WINCH MACHINE. CAPACITY - 25 MT, PULLING - 80 MTR, WIRE ROPE DIA - 20 MM, SUPPLIED TO HOLKATA - TEXMACO RAIL & ENGINEERING LIMITED



ELECTRIC WINCH MACHINE 15 TON CAPACITY 300 MTR LIFTING CLASS IV DUTY SUPPLIED IN TATA STEEL.

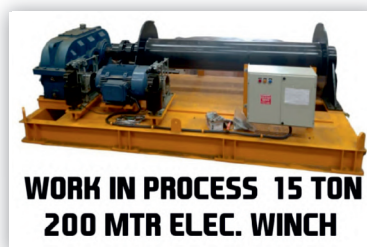
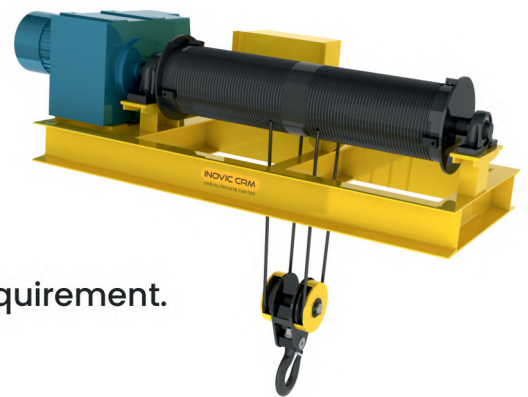


FEATURES

- Electric Winch Machines are designed as per IS-9507-1979 and are suitable for heavy Duty applications.
- Seamless pipe is used for Rope drum
- Plain drum or Threaded drum available as per client requirement
- Single drum and Double drum winch available as per client requirement
- Single speed or Dual speed available as per client re-equipment.

Range

- The rated load capacity ranges from 0.5t to 80 tons, and the working speed is in the range of 2-30m/min.
- Winding Capacity from 3 Meter to 1000 M
- Electromagnetic/Elector Hydraulic thruster, Double Shoe Type Brake and Hand Operated brake provided as per requirement.
- All Machines are tested at 25% overload.
- Reputed make Panel is used as per client requirement.





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ELECTRIC CHAIN HOISTS

ELECTRIC CHAIN HOISTS



INOVIC electric chain hoists are low headroom mechanisms with a compact construction, low headroom & low profile, quick installation, and low cost. **INOVIC** electric chain hoists include a single motor and dual hook hoist design that allows for simultaneous movement of two hooks, as well as well-balanced, high stability, and safety, making them ideal for handling items with two lifting points and goods and weights that require balance when raising.

FEATURES

- Wide range – 0.5 T to 10 T
- Light weight
- Grade 80 Alloy load chain
- Anti-corrosive powder coated zinc plated parts
- Standard Electric motor with Magnetic Brake
- Compact and optimized design
- Chain sprocket type drive

OPTION

- Single speed / Dual speed
- Single phase/ Dual phase
- Unconditional warranty

HEAVY DUTY MOTOR

- Design for tough working conditions
- Temperature control system
- Special voltage available
- 3– phase model as a standard

TROLLEY

- Reliable technique
- Mechanical interlocked
- Heavy–duty contactors

SUSPENSION BRACKET

- The removable, hinged suspension bracket is designed for easy suspension and removal of the hoist

FORGED CARBON STEEL HOOK

- Heavy duty hook latches are standard
- Bottom hook will swivel 360 degree
- Under excessive loads will open gradually and not fracture.

BRAKE

- Disc type electro magnetic brake system for steady operation and long life
- Maximum safety
- New advance brake design
- Asbestos free brake lining with a long service life
- Unique availability
- Maintenance free

SPECIFICATION

CATEGORY	AVAILABLE SPECS
BRAKE	Electromagnetic Brake with Double Side Brake Lining
CAPACITY RANGE	0.5 Ton to 10 Ton
CHAIN	BS EN 813-7
CHAIN CONTAINERS	Fabric, plastic or steel
CHAIN FALLS	Single chain fall or Double chain fall
CLASSIFICATION	FMS Class 1m, 2m, 3m, 4m
CONFIRMANCE	CE
CONTROL PENDANTS	Single/Dual Speed : 2-Button when emergency On/OFF
CONTROL VOLTAGE	48V, 50Hz, AC Supply
DUTY CYCLE	Single Speed - 60% ED Dual Speed - 42/20% ED
HOIST MOTOR CONTROL	Pole Changing

CHAIN

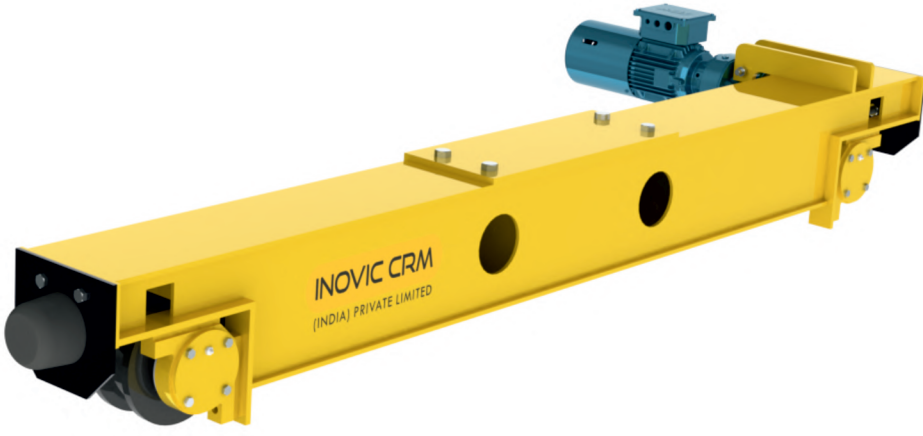
- High Strength, corrosion and wear resistant load chain
- Certified to ISO 9001—2015
- Uses unique technology to greatly increase resistance to fatigue and wear

CHAIN WHEEL

- Made of hardened steel
- Deep groove pockets fully support the load chain during operation
- Reduces vibration and chain wear

CATEGORY	AVAILABLE SPECS
LIFTING SPEED	4/1, 5/1.25, 8/2, 10/2.5 m/min
MOUNTING	Hook, Lug or trolley
OPERATING CONDITIONS	10° to + 50° C
OVERLOAD PROTECTION	Slipping Clutch
POWER SUPPLY	3 Phase, 380 - 415 V, 50Hz
RATINGS	Hoist - IP55 Pendant - IP65
STANDARD LIFT	3 meters (longer lifts available)
STANDARD PENDANT DROP	1m less than lift (longer drops available)
TEMPERATURE CONTROL OF MOTORS	Thermistor
TRAVEL SPEED	25/6 m/min

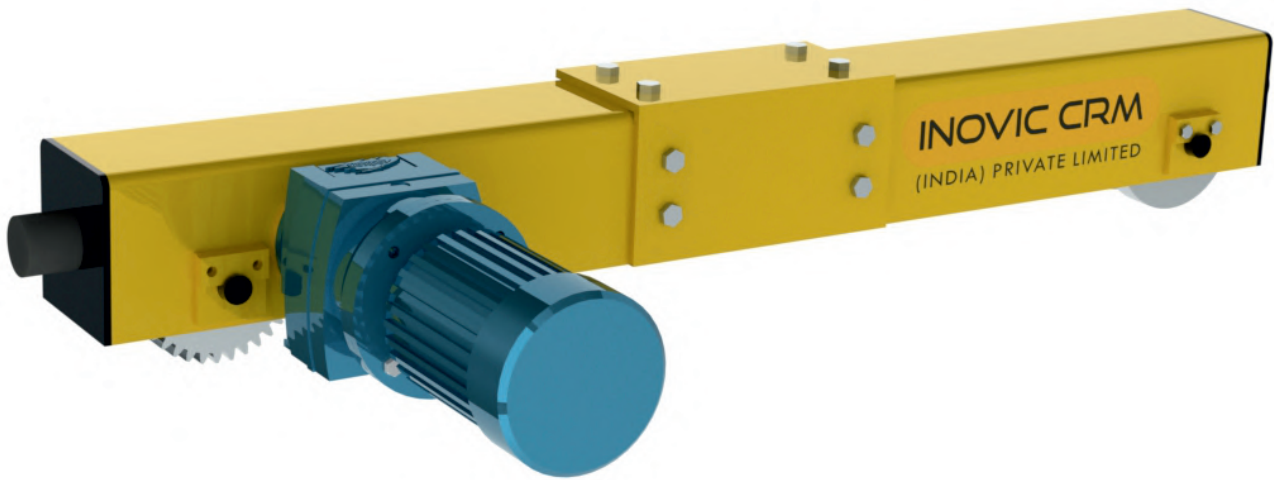




END CARRIAGE AND WHEEL ASSEMBLY

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END CARRIAGE AND WHEEL ASSEMBLY

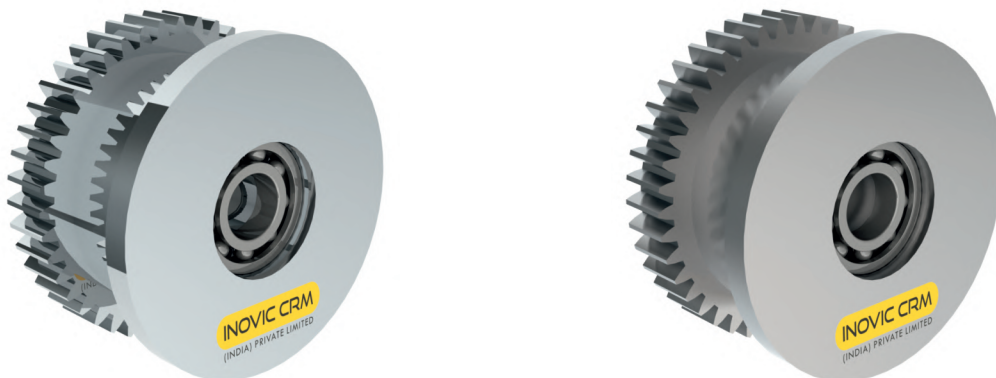


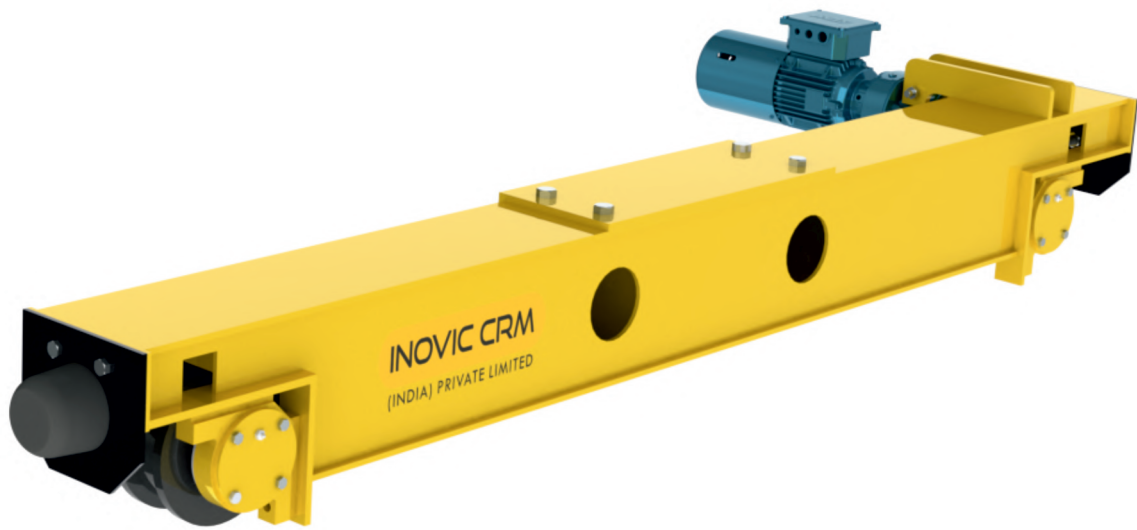
If your cranes require end carriages, wheel assembly, **INOVIC** Cranes & Components is ready to deliver. We design and build industry-leading end carriages, wheel assembly for cranes, gantries, and semi-gantry cranes.

Our supported and suspended end carriages, standardized wheel assembly are ideal for single-girder cranes, double-girder cranes, transfer carts and other industrial applications.

Powered by motor-gearboxes which are designed exclusively for use on cranes and lifting machinery. Also is possible to install commercial motor-gearboxes.

INOVIC Cranes & Components designs and manufactures end carriages for single and double girder cranes that offer gradual acceleration and smooth braking, with minimum noise. Our proven design of travel gear motors can be leverages on cross-travel and long-travel motions.





Wheel Assembly

Our wheel assembly are ideal for gantry and semi-gantry cranes, and are available in a wide range of wheelbases, wheel channels and diameters to suit your unique requirements.

Wide range of diameters (D100, D125, D160, D250, D315, D400, D500, D630, D800), wheelbases, and wheel channels.





Presence in

+26

States

+700

Sold
Cranes

+150



+90000

Sold ELECTRIC WIRE
ROPE HOISTS

+110000

Sold ELECTRIC
CHAIN HOISTS

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Unit-1 :

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