

INOVIC CRM

(INDIA) PRIVATE LIMITED



CRAB MACHINE



L BLOCK TYPE CRAB MACHINE

Lifting Height
6 Mtr. TO 20 Mtr. Or More

Safe Working Load
1 Ton TO 100 Ton Or More

INOVIC L-Block Type Crab Machines are designed for heavy-duty material handling in EOT crane systems. Built in accordance with IS / DIN standards, they ensure structural strength, safety, and reliable performance under continuous duty conditions.

Structural Design

- Robust L-Block frame fabricated from high-grade structural steel
- Designed to withstand high dynamic loads with stable load distribution
- Precision-machined wheels for accurate alignment and smooth cross travel

Operational Performance

- Smooth cross-travel movement for precise load positioning
- High load handling capacity with reliable performance
- Low maintenance requirements and extended service life



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EUROPEAN TYPE CRAB MACHINE

Lifting Height
6 Mtr. TO 20 Mtr. Or More

Safe Working Load
1 Ton TO 100 Ton Or More

INOVIC European Type Crab Machines are engineered to meet modern industrial lifting requirements in EOT crane systems. Manufactured with high-quality components and precision fabrication, these machines ensure reliable performance and smooth load handling in demanding industrial environments.

Designed with a compact and robust structure, the system incorporates high-efficiency geared motors, precision-machined wheels, heavy-duty gearboxes, and fail-safe electromagnetic brakes for stable cross travel and load handling.

Equipped with limit switches and thermal motor protection, INOVIC European Type Crab Machines ensure smooth operation, reduced maintenance, and reliable performance across various industrial applications.



FLP

CRAB MACHINE

Lifting Height

6 Mtr. TO 20 Mtr. Or More

Safe Working Load

1 Ton TO 100 Ton Or More

INOVIC FLP Crab Machines are precision-engineered for hazardous industrial environments where flammable gases, vapors, or dust may be present. Designed in compliance with IS and safety standards, they ensure reliable performance and durability under demanding operating conditions.

Built with flameproof electrical components, heavy-duty gearboxes, fail-safe electromagnetic brakes, and precision-machined wheels, the system provides smooth cross travel and stable load handling with long service life.

Equipped with thermal motor protection, limit switches, and safety systems, INOVIC FLP Crab Machines deliver safe operation, improved efficiency, and dependable performance across industrial applications.



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CRAB - EUROPEAN TYPE



5 TON CAPACITY ELECTRIC CRAB
GEARBOX: PBL (ELECON)
MOTOR: ABB, BRAKE: EMCO (ABB COMPANY FITTED BRAKE MOTOR)
WIREROPE: USHA MARTIN (FMC)
FALL: 1/4 FALL, LIFT: 10 MTR

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OUTSIDE WHEEL TYPE CRAB



5 TON CAPACITY ELECTRIC CRAB
GEARBOX: PBL (ELECON)
MOTOR: ABB
BRAKE MAKE: EMCO (INBUILT BRAKE MOTOR)
BRAKE TYPE: DC EM DISC BRAKE
WIREROPE: USHA MARTIN (FMC)
FALL: 1/4 FALL, LIFT: 7.5 MTR

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CRAB - HIGH SPEED



INOVIC CRM
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CRAB MACHINE



40 TON CAPACITY L BLOCK TYPE CRAB MACHINE
LIFT: 8 MTR LIFT, FALL: 2/12 FALL
GEARBOX MAKE: PBL (ELECON), MOTOR MAKE: BBL
BRAKE MAKE: EMCO
BRAKE TYPE: DC DISC BRAKE
PANEL: ALL MOTION VFD PANEL

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High-Performance Crab Machine Solutions

Delivering precision-engineered crab drive units designed for smooth cross travel, superior load handling, operational safety, and long-term industrial reliability.



PRODUCT PORTFOLIO



L Block Crab

A Crab Machine is used in EOT crane systems for cross travel movement and load positioning.

It supports the hoisting mechanism and ensures stable load handling during lifting operations across the crane span.



European Crab

This is our standard Crab Machine model, manufactured with proven engineering and strict quality standards.

We manufacture and supply 25+ units per month, reflecting strong manufacturing capability and consistent industrial demand.



FLP Crab

An FLP (Flameproof) Crab Machine is designed for hazardous areas with flammable gases, vapors, or dust.

All electrical components are enclosed in certified flameproof housings to prevent ignition during crane operations.

TIMELINE

L&T Group

PROJECT 01

We have successfully completed the project for 14 Nos. EOT Cranes at L&T. The project was executed in accordance with technical specifications and industry standards, ensuring high performance, safety, and reliability.

Afcons Infrastructure Ltd.

PROJECT 03

We have successfully completed the supply and execution of 20 Nos. 20 Ton Capacity Wire Rope Hoists for Afcons Infrastructure Ltd. The project was carried out as per approved technical specifications, ensuring superior performance, operational safety, and long-term reliability.

Railway Project

PROJECT 02

We have successfully completed the execution of 6 Nos. Winch Machines (1050 Ton Capacity with 200 Meter Pulling Length) for a Railway Project. The equipment was manufactured and delivered in accordance with stringent technical and safety standards to ensure high performance under demanding site conditions.

Mechelonic Engineers

PROJECT 04

We have successfully completed the supply and execution of 42 Nos. 2-Ton Capacity Wire Rope Hoists for Mechelonic Engineers for a Railway Project. The project was carried out in accordance with approved technical specifications and railway safety standards, ensuring consistent performance, operational safety, and long-term durability.

150+

EXPERIENCED PROFESSIONALS DRIVING OUR OPERATIONS.

With **150+** experienced professionals driving our operations, we maintain complete control over every stage of manufacturing. Our skilled workforce combines technical knowledge, hands-on experience, and process discipline to deliver reliable cranes and hoisting solutions that meet international standards and customer expectations.



TRUSTED BY INDUSTRY LEADERS

OUR VALUED PARTNER IN SUCCESS



TATA STEEL

TATA POWER



JOBHY ENGINEERS PVT. LTD.

adani

SPXFLOW



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THANK YOU

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