



UNICORN

**Manufacturing Reliable Crane
Systems for Industrial
Applications.**

**CONTACT US
FOR DETAILS**



Call Our Number
+91 98283 77786



Visit Our Website
tanwarfabrication.com/unicorn



About UNICORN

UNICORN is the flagship industrial brand of Tanwar Fabrication Works, specializing in Crane Control Systems, Lifting Equipment, and Industrial Motion Control Accessories. Backed by strong engineering capability and precision fabrication infrastructure, UNICORN delivers reliable, safe, and performance-driven solutions trusted by OEMs, fabrication houses, process industries, EPC contractors, material handling firms, workshops, and government organizations.

Driven by a disciplined quality management system and a culture of continuous innovation, UNICORN ensures that every product meets stringent standards of performance, durability, lifecycle value, and operator safety.

Core Purpose

UNICORN's core purpose is to empower industrial operations by delivering safe, reliable, and high-performance lifting and motion control solutions that enhance productivity, minimize downtime, and ensure long-term operational efficiency. Through engineering precision, customization capability, and disciplined manufacturing practices, UNICORN is committed to creating solutions that add measurable value across the entire lifecycle of industrial equipment.

Core Values

UNICORN operates on a foundation of customer commitment, engineering integrity, and uncompromising quality. We believe in transparent business practices, responsible manufacturing, and continuous innovation driven by real-world industrial challenges. Every product we deliver reflects our respect for safety, performance, and long-term partnerships, ensuring trust, reliability, and consistency in every engagement.

Our Certifications

GOVERNMENT OF RAJASTHAN
Department of Statistics
Directorate of Economics & Statistics
Rajasthan, Jaipur

Sansha Aadhaar Number (SAN)

Name of Institution: TANWAR FABRICATION WORKS

Address: 195 TO 198, 201, 202, HANUMAN NAGAR VILLAGE, JASLYA ROAD NO 17, V. K. I AREA, GREATER JAIPUR, Jaipur RAJASTHAN 302013

Major Activity: Manufacture of other machinery for mining, quarrying and construction n.e.c (28240)

Registration in Act: Factories Act, 1948

Applicant Name: MOHAMMAD RAFIQ, PROPRIETOR

Registration Date: 22 Dec 2025

SAN : 8006540013001399

Note: Sansha Aadhaar Number (SAN) is meant to provide a Unique ID to all Institutions (Firms / Establishment / Autonomous Bodies / Government Offices / NGOs). SAN does not authenticate business activities, ownership, address, unit name, functions and validity of institution. It does not provide any kind of eligibility or license to start a business.

Maintained by Additional District Sansha Aadhaar Registrar, JAIPUR
Software Courtesy: National Informatics Centre (NIC), Rajasthan
This is computer generated CARD and does not require a signature.
Printed on: 22-Dec-2025

"Meri Sansha Ki Pehchan, Mera SAN"

Form-4
(Prescribed under rule-5)
Government of Rajasthan

REGISTRATION & LICENCE TO WORK A FACTORY

Registration No.: RJ/37353 Fees Rs.: - 2700/- per year
Application No.: R-82756/CIFB/2025

License is hereby granted to MOHAMMAD RAFIQ valid only for the premises described below for use as factory employing not more than 20 persons on any day during the year and using motive power not exceeding 58 HP subject to the provisions of the Factories Act, 1948 and the rule made there under.

This licence shall remain in force till the 31st day of March 2027

Date: 16/01/2026 Chief Inspector of Factories and Boilers
Rajasthan, Jaipur

Description of the licensed premises
M/S TANWAR FABRICATION WORKS
The licensed premises shown on Plan No. P-52811/CIFB/2025, Date 09/01/2026 are situated in 195 TO 198, 201, 202, HANUMAN NAGAR VILLAGE-JAISALYA ROAD NO. 17 VKI AREA, JAIPUR, JAIPUR and consist of MFG. OF EOT CRANE AND PORTABLE CABINE..

| Date of Renewal | Date of Expiry | Signature of Licensing Authority |
|-----------------|----------------|---|
| 16/01/2026 | 31/03/2027 | Chief Inspector of Factories and Boilers Rajasthan, Jaipur |

This is a computer generated certificate and bears scanned signature. No physical signature is required on this license. You can verify this license by visiting www.rajabio.rajasthan.gov.in and entering Application No./ID after clicking the link for verification on the page.

Government of India
Form GST REG-06
(New Rule 18(5))

Registration Certificate

Registration Number: 08ADRPT3258M1ZM

| Sr. | Legal Name | Trade Name, if any | Constitution of Business | Address of Principal Place of Business | Date of Liability | Date of Validity | Type of Registration |
|-----|----------------|--------------------------|--------------------------|--|-------------------|--------------------------|----------------------|
| 1 | MOHAMMAD RAFIQ | TANWAR FABRICATION WORKS | Proprietorship | Plot No. 195, Hanuman Nagar, Greater Jaipur, Road No 17, V. K. I Area, JAIPUR, Jaipur, Rajasthan, 302013 | 15/05/2018 | From: 15/05/2018 To: N/A | Regular |

Particulars of Appraising Authority
Customs Goods and Services Tax Act, 2017

Name: Rajesh Kumar Yadav
Designation: Superintendent
Sanctioned Office
Date of issue of Certificate: 25/09/2018

Note: The registration certificate is required to be prominently displayed at all places of Business/Office in the form.

This is a system generated digitally signed Registration Certificate issued based on the approval of application generated on

8:07:05, 2/28 PM Print: Udyam Registration Certificate

UDYAM REGISTRATION CERTIFICATE

UDYAM REGISTRATION NUMBER: UDYAM-RJ-17-0040793

NAME OF ENTERPRISE: TANWAR FABRICATION WORKS

| SNo. | Classification Year | Enterprise Type | Classification Date |
|------|---------------------|-----------------|---------------------|
| 1 | 2025-26 | Micro | 01/04/2025 |
| 2 | 2024-25 | Micro | 27/04/2024 |
| 3 | 2023-24 | Micro | 09/05/2023 |
| 4 | 2022-23 | Micro | 26/06/2022 |

TYPE OF ENTERPRISE: MAJOR ACTIVITY: MANUFACTURING

SOCIAL CATEGORY OF ENTREPRENEUR: OBC

NAME OF UNIT(S):

| S.No. | Udyog Aadhaar Memorandum | Unit(s) Name |
|-------|--------------------------|--------------------------|
| 1 | 821748172444 | TANWAR FABRICATION WORKS |
| 2 | 82174809121 | TANWAR FABRICATION |

OFFICIAL ADDRESS OF ENTERPRISE:

| Plot/Block No. | Plot No. | Name of Premises Building |
|----------------|------------|---------------------------|
| 195 TO 202 | 195 TO 202 | HANUMAN NAGAR |

Village/Town: VILAS AGRA Block: -

Road/Street Lane: ROAD NO. 17 City: Jaipur

State: RAJASTHAN District: JAIPUR Pin: 302013

Mobile: 982077796 Email: TANWARAFQ@YAHOO.COM

DATE OF INCORPORATION / REGISTRATION OF ENTERPRISE: 01/01/2002

DATE OF COMMENCEMENT OF PRODUCTION/BUSINESS: 01/01/2002

| SNo. | NIC 2 Digit | NIC 4 Digit | NIC 5 Digit | Activity |
|------|-------------|-------------|-------------|---|
| 1 | 28 | 2811 | 28111 | Manufacture of machinery and equipment n.e.c. |
| 2 | 31 | 311 | 31101 | Manufacture of furniture |

https://udyamregistration.gov.in/udyam_idcard/udyam_PprintApplication.aspx

ENTERPRISE PLEDGE

Zed

Under MSME Sustainable (ZED) Certification Scheme

We undertake to conform to the values of Zero Defect Zero Effect in our enterprise and ensure that our processes shall be environmentally sound and socially responsible with safe and high quality products.

We will give back, in every way we can, to our people our community and to our planet.

TANWAR FABRICATION WORKS

ENTERPRISE NAME

Plot No.: PL OT NO. 195 TO 202, Building - HANUMAN NAGAR, Road/Street - ROAD NO. 17, Village/Town - VILAS AGRA, Block - City - JAIPUR, RAJASTHAN 302013

UNIT ADDRESS

UDYAM-RJ-17-0040793

UDYAM REGISTRATION NUMBER

October 7, 2025

DATE OF PLEDGE

Apnaenge ZED!

MANAGEMENT SYSTEM CERTIFICATE

This is to certify that

TANWAR FABRICATION WORKS

PLOT NO. 195, HANUMAN NAGAR, GRAM JASLYA, ROAD NO 17, V. K. I AREA, JAIPUR - 302013, RAJASTHAN, INDIA

has been assessed by RAPL and found to comply with the requirements of

ISO 9001 : 2015
Quality Management System

For the following activities:
MANUFACTURING OF EOT CRANE, GANTRY CRANE, JIB CRANE, GOLIATH CRANE.

Certificate Number: E20250931707
Date of certification: 01/10/2025
1st Surveillance on or before: 30/09/2026
2nd Surveillance on or before: 30/09/2027
Certification Valid Until: 30/09/2028

IAF **EGAC**

Director (Certification)
ROYAL ASSESSMENTS PVT. LTD.

62/A, Tower B, Phase, Plot No. A-45, Sector-42, Noida 201305, India
Registration No.: 01-10-2021
This Certificate can be verified at www.iaf.co.uk

TRUST SEAL
Indiamart

CERTIFICATE OF TRUST

Tanwar Fabrication Works
Jaipur, Rajasthan

has been certified as a trusted member of IndiamART

Following details of the company have been verified*

- ✓ Director / Proprietor: Mr. MD Rafiq
- ✓ GSTIN: 08ADRPT3258M1ZM
- ✓ Business Address: 196, Hanuman Nagar, Jesaliya, Near Kailash Canteen, Road No 17, Jaipur- 302013, Rajasthan, India
- ✓ Mobile Number
- ✓ Email Id

Issue date: 12th Apr 2022 | Expiry date: 02nd Apr 2026

Indiamart

IndiamART InterMESH Ltd.
6th floor, Tower 2, Asiatech Business Cresters, Plot No.22, Sec 135, Noida-201305, Uttar Pradesh, India.
☎ 096-9696-9696 | egs@indiamart.com

Product Portfolio Overview

UNICORN designs, manufactures, and supplies a comprehensive range of crane and material handling solutions, including:

- EOT Cranes
- Electric Wire Rope Hoists
- Crane Limit Switches
- Crane Brakes
- Shrouded Busbar (DSL) Systems
- C-Rail Festoon Systems
- Resistance Boxes
- Control Stations & Master Controllers
- Radio Remote Control Systems
- Brake Drums & Couplings
- Cable Reeling Drums
- Crane Anti-Collision Devices
- Cable Carriers & Trolleys
- Industrial Cables and Crane Accessories





EOT Cranes

UNICORN offers a complete range of material handling and lifting cranes engineered for demanding industrial environments. Designed for high reliability, low maintenance, and long service life, UNICORN EOT Cranes are widely deployed across rail workshops, shipyards, foundries, steel fabrication units, construction sites, and warehousing facilities.

Available Configurations

- Single Girder EOT Cranes, Double Girder EOT Cranes, Heavy-Duty EOT Cranes with Main & Auxiliary Hoists, Gantry Cranes / Semi-Gantry Cranes, Jib Cranes, Crane End Carriages, Crab Units & Gear Assemblies, Rope Drum & Rope Guide Assemblies

Fabricated using premium-grade structural steel and precision machining, these cranes deliver smooth motion, safe operation, and optimized load distribution.

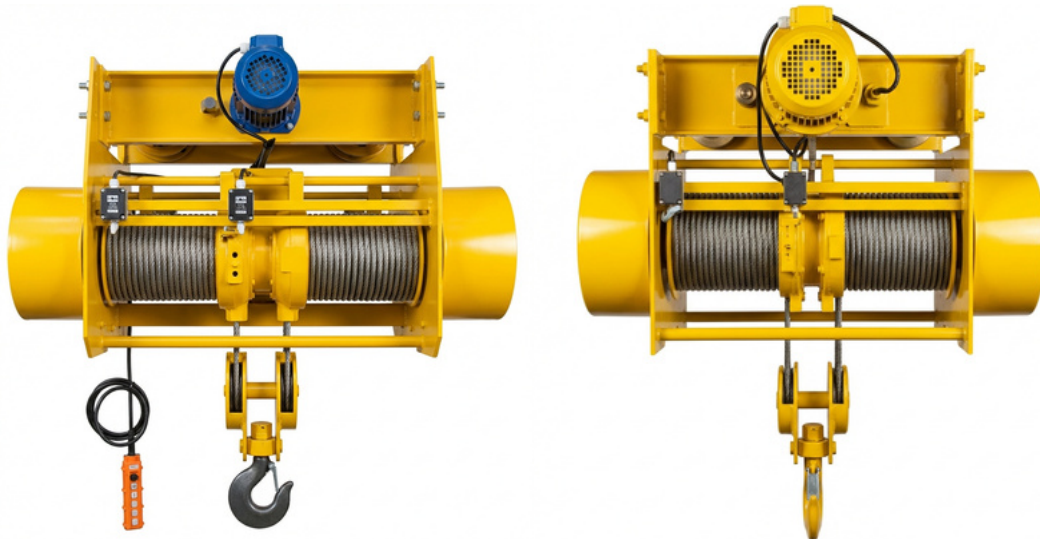
Electric Wire Rope Hoists

UNICORN hoists are engineered for smooth lifting cycles, high duty performance, and minimal maintenance. Advanced mechanical design combined with reliable safety control systems ensures consistent operation in continuous-duty industrial environments.

Capacity Range: 500 kg to 10 Ton

Key Features

- Heavy-duty steel fabrication
- Precision rope drum and rope guide mechanism
- Efficient braking and control system
- Compact, rugged, and service-friendly design



Trolley



**CONTACT US
FOR DETAILS**



Call Our Number
+91 98283 77786



Visit Our Website
tanwarfabrication.com/unicorn

End Carriages

UNICORN end carriages are modular drive units designed for crane long travel motion and directly mounted to the main girder.

- Box girder construction
- Integrated motor, gearbox, and wheel assemblies
- Available in Open Reduction and L-Block configurations



**CONTACT US
FOR DETAILS**



Call Our Number
+91 98283 77786



Visit Our Website
tanwarfabrication.com/unicorn

Rotary Geared Limit Switch (GRLS)



Used for motion control in hoists, winches, rolling mills, and reversing drives.

- Steel Sheet Body — IP41
- Aluminium Body — IP54

Weight Operated Limit Switch (CWLS)



Designed to stop upward motion during overload or top hook position.

- Steel Sheet — IP41
- Aluminium — IP54
- Current Ratings: 10A & 40A

Lever Type Limit Switch (LLS)



Stops hoisting motion when the lever contacts a fixed mechanical point.

- Rated up to 500V / 40A continuous

Worm Drive Limit Switch (FG Series)



High-precision worm-gear driven limit switches with low-wear thermoplastic internals.

Models:

FG12.5P2, FG25P2, FG50P2, FG100P2, FG200P2, FG400P2, FG50P4, FG100P4

**CONTACT US
FOR DETAILS**



Call Our Number
+91 98283 77786



Visit Our Website
tanwarfabrication.com/unicorn

Electro-Hydraulic Thruster Brakes



- Voltage: 400 / 440V AC, 3-Phase
- Drum Diameter: 100–400 mm
- Braking Torque: 6–190 Kg-m
- Reverse action available
- Self-adjusting lining wear

AC Solenoid Brakes



- Voltage: 400–440V AC
- Drum Diameter: 100–180 mm
- Class F insulation
- Low spring pressure for extended lining life
- Models: SSB 4, SSB 5.5, SSB 7

Electro-Magnetic Disc Brakes

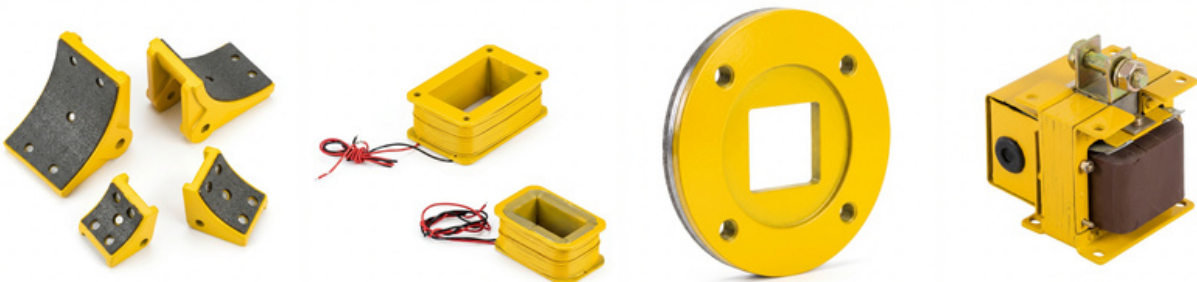


Fail-safe braking system mounted on motor shaft.

Model Series:

EP-130, EP-140, EP-150, EP-150X, EP-190, EP-190X, EP-235, EP-290, EP-290X, EP-290XX

CRANE BRAKE PARTS



**CONTACT US
FOR DETAILS**



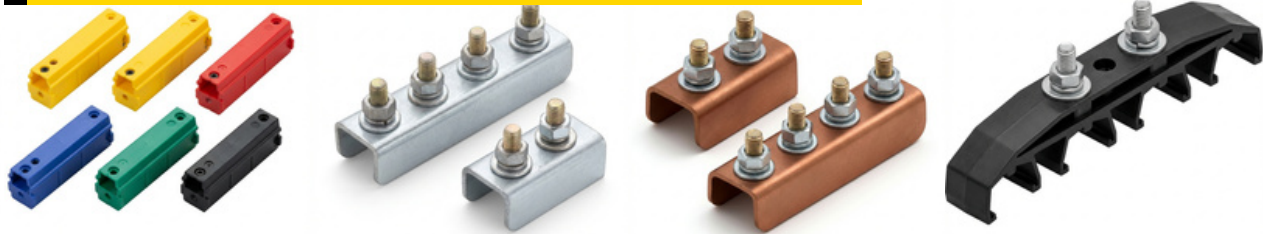
Call Our Number
+91 98283 77786



Visit Our Website
tanwarfabrication.com/unicorn



Shrouded Busbar (DSL) Systems



Used for safe and efficient power transmission in EOT cranes, conveyors, and mobile equipment.

- Touch-proof design
- Single-pole insulated conductors
- Current rating up to 1200 Amps
- Indoor and outdoor suitability
- Straight and curved track support
- No expansion joints required up to 150 meters
- Available in GI, Aluminium, and Copper

C-Rail Festoon Systems



Designed for organized management of electrical cables, hoses, and signal lines.

- Supports electrical, pneumatic, and hydraulic lines
- Corrosion-resistant, acid-proof, and seawater-resistant options
- Suitable for harsh industrial environments
- Standard sizes: 30×32 mm, 40×40 mm

**CONTACT US
FOR DETAILS**



Call Our Number
+91 98283 77786



Visit Our Website
tanwarfabrication.com/unicorn

Resistance Boxes



UNICORN manufactures resistors for AC & DC motor control in cranes, winches, conveyors, power plants, and rolling mills.

Air-Cooled Punched Steel Grid Resistors

- Nickel-chromium alloy grid plates
- Shock and vibration resistant
- Steel mill duty design

Stainless Steel Grid Resistors

- High corrosion resistance
- Continuous current rating: 7A to 400A

Master Controllers



Cam-type master controllers for remote operation of heavy-duty electrical equipment.

- Steel Sheet Body — IP41
- Aluminium Body — IP54

Crane Anti-Collision Safety Devices



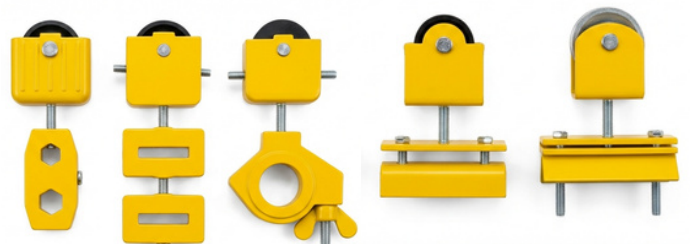
Designed to prevent crane-to-crane collision on shared runways.

- Supply: 110V AC / 220V AC
- Adjustable sensing range: 0–10 meters
- Laser alignment tool included
- Potential-free relay output (5A max)

Cable Trolleys



Cable Carriers



**CONTACT US
FOR DETAILS**



Call Our Number
+91 98283 77786



Visit Our Website
tanwarfabrication.com/unicorn

BRAKE DRUMS



Gear Coupling



Plain Brake Drum

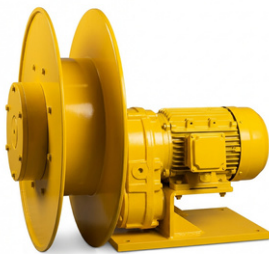


Brake Drum With Flexible Geared Coupling

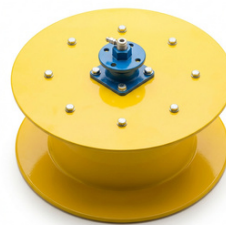


Gear Brake Drum Couple

CABLE REELING DRUMS



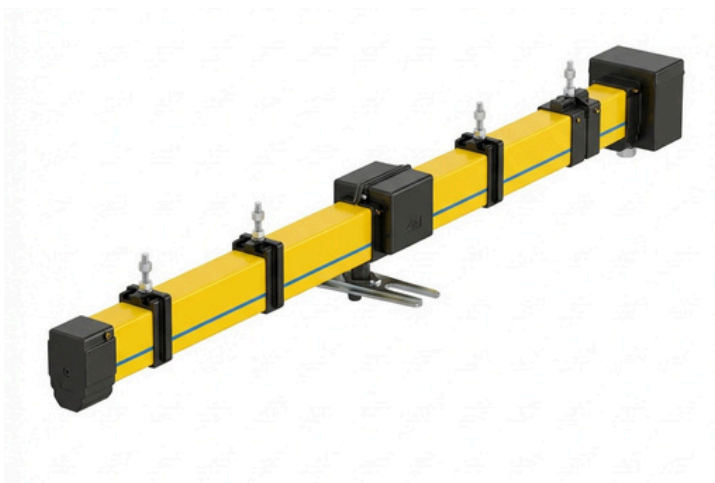
Motorised CRD



Spring Operated CRD



ENCLOSED CONDUCTOR BAR



Enclosed Conductor Bar System is a modern, safe, and highly reliable solution designed for efficient power, control signal, and data transmission in moving industrial equipment.

This enclosed conductor system ensures continuous electrical contact, enhanced operator safety, and long service life, making it ideal for demanding industrial environments.

**CONTACT US
FOR DETAILS**



Call Our Number
+91 98283 77786



Visit Our Website
tanwarfabrication.com/unicorn

Pendant Push Button Stations

- 2 to 14 button configurations
- Rugged industrial construction



Wireless Radio Remote Control Systems

- Designed for EOT and tower cranes
- Operating range up to 100 meters
- High interference resistance
- Nylon fiber receiver housing
- Lightweight and corrosion-free design



**CONTACT US
FOR DETAILS**



Call Our Number
+91 98283 77786

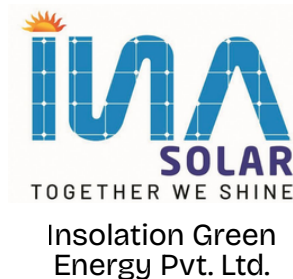


Visit Our Website
tanwarfabrication.com/unicorn

Our Clients



THE INDIAN HUME PIPE COMPANY LIMITED



BALAJI AGRICULTURE WORKS





Protect Your Facility with **EXPERT EOT CRANE** **SOLUTIONS**

Ensure your industry's productivity with reliable EOT Cranes:
high-performance lifting, precision engineering, and long-lasting durability.

- ✓ EOT Crane Manufacturing
- ✓ Crane Installation & Commissioning
- ✓ AMC & Crane Maintenance Services
- ✓ Crane Modernization & Upgradation

**CONTACT US
FOR DETAILS**



Call Our Number
+91 98283 77786



Visit Our Website
tanwarfabrication.com/unicorn