



Cranes Components
Lifting Solutions

ELECTRIC OVERHEAD TRAVELLING CRANE (EOT)

ABOUT US

We specialize In Design, Manufacturing, Supply & Installation Of Cranes & Hoists In India.

Established In the Year **1983** Founded By **Late Mr. Arvind Patel** located in **Ahmedabad, Gujarat.**

Having Over three Decades Of Experience

Our In House Manufacturing Unit, Proven Computer Aided Equipment Designs And Extensive Customer's Services Programs And Sales And Parts Support Networks.

We Insist In Good Quality Reliable Products As Well As Quality Control.

Our Products Can Save Your Time, Man - Hours And Lift Up Productivity With Safety of Human Beings.



WHY VIKRANT CRANES?

- ✓ We carry the widest selection and range of Cranes.
- ✓ We have the willingness and ability to custom engineer the crane solutions for your unique applications. Our business model readily handles "one-of-a-kind" design challenges.
- ✓ Our engineers do comprehensive finite element analysis and destructive testing during the Research and Development process to ensure the highest quality cranes.
- ✓ All of our cranes — including custom engineered models — meet or exceed standards set by the IS Standards.
- ✓ We deliver exceptional weld quality. Since our beginning in 1983, our welders have been certified that oversee our welding fabrication.
- ✓ Our precision manufacturing ensures you that your cranes will operate smoothly and precisely for years to come.
- ✓ We've embraced ISO 9001:2015 quality management systems, especially as a means to monitor the quality of our products and interactions with customers.
- ✓ All system proposals begin with an on-site evaluation of your material handling needs and expert recommendations by our trained Team.
- ✓ We engineer and manufacture a wide portfolio of lifting solutions so you can be assured that all of our system recommendations will be guided by your application's best interests.
- ✓ Our Cranes are delivered on time and in the most thought-out and protective packaging in the crane industry.

After successful completion of Detailed Engineering, Technical support, the Best Quality from VIKRANT Cranes and under 3rd Party Quality Inspection, we have installed more than 30 Cranes in the world Largest Railway Network of INDIAN Railways





INDIAN Railways

SINGLE GIRDER EOT CRANE

SPECIFICATIONS

- ❑ Capacity: Up to 15 Tons.
- ❑ Span: Up to 30 Meters.
(Longer Span Available on Request)

FEATURES

- ❑ Easy Installation
- ❑ Smooth and Silent Running
- ❑ Suitable for short headroom
- ❑ Lighter Force Applied on the Foundation
- ❑ Small capacity types
- ❑ Compact & Aesthetic Look
- ❑ High Working Life Span
- ❑ Micro speed arrangement through frequency inverters / variable frequency drives.
- ❑ Cable festooned system or shrouded bus bar system.
- ❑ Bridge lights and Warning horn for Safety
- ❑ Cabin operation through master controller.



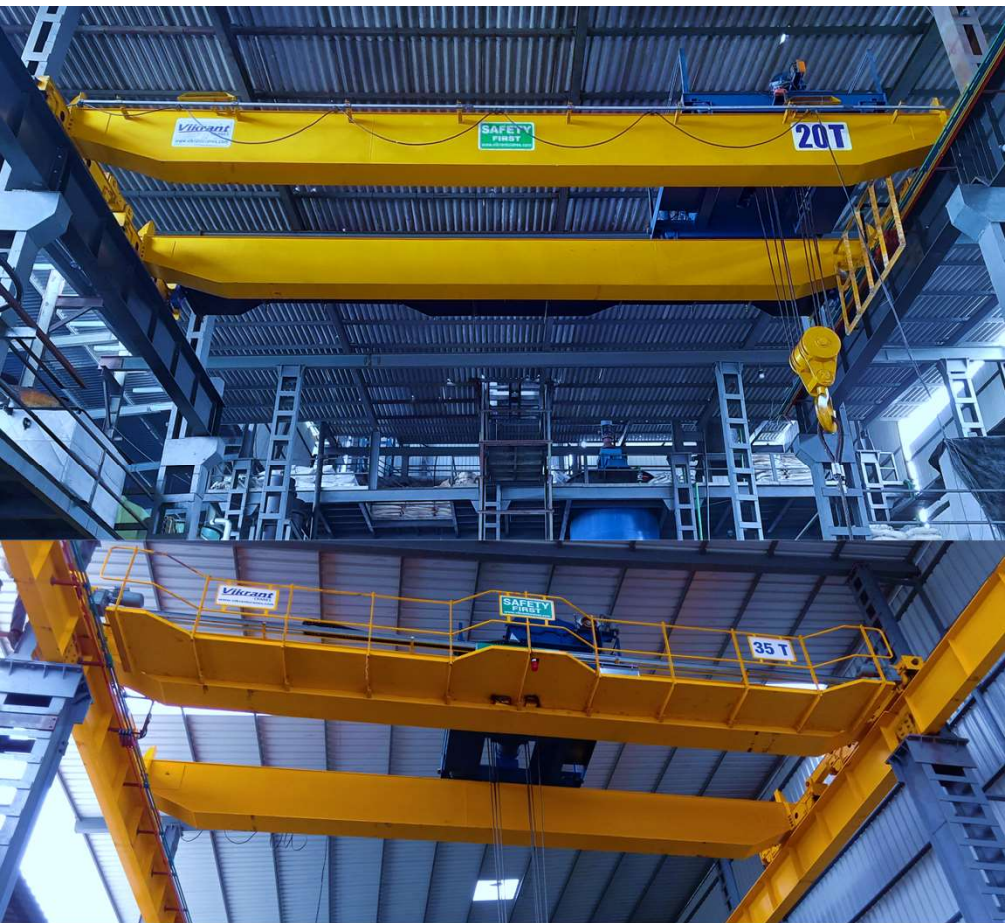
DOUBLE GIRDER EOT CRANE

SPECIFICATIONS

- ❑ Capacity: Up to 120 Tons.
- ❑ Span: Up to 30 Meters.
(Longer Span Available on Request)

FEATURES

- ❑ Smooth and Silent Running
- ❑ Suitable for Short Headroom
- ❑ Compact & Aesthetic Look
- ❑ High Working Life Span
- ❑ Micro Speed arrangement through Frequency Inverters / Variable Frequency Drives.
- ❑ Cable Festooned System or Shrouded Bus Bar System.
- ❑ Bridge lights and Warning Horn for Safety
- ❑ Cabin operation through master controller.
- ❑ Widely used for large capacity types with longer span
- ❑ Suitable for large headroom (distance between building ceiling and the traveling rails)





GANTRY CRANE

SPECIFICATION

- ❑ Single Girder Design: Capacity:
Up to 15 Tons.
 - ❑ Double Girder Design: Capacity:
Up to 150 Tons.
- (Longer Span Available on Request)

FEATURES

- ❑ Widely used for outdoor applications like construction area, ship yards
- ❑ Used when rails are installed on ground surface
- ❑ Used to carry materials outdoor to indoor area
- ❑ Cost effective and economical solutions no need of concrete foundations, runway beam and columns.
- ❑ semi-goliath design is also available



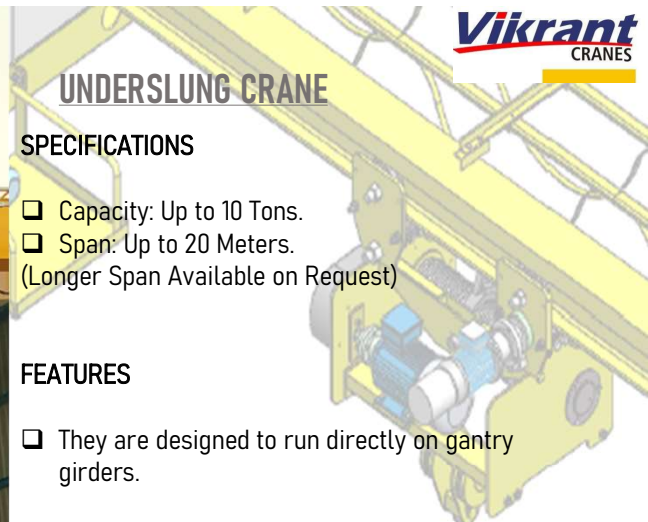
UNDERSLUNG CRANE

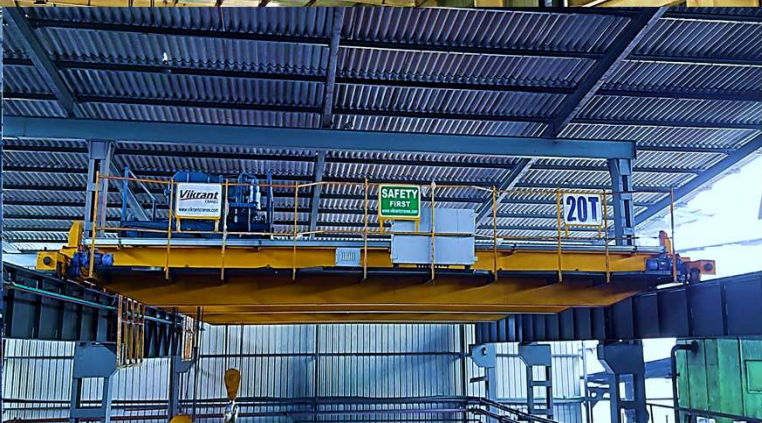
SPECIFICATIONS

- ❑ Capacity: Up to 10 Tons.
- ❑ Span: Up to 20 Meters.
(Longer Span Available on Request)

FEATURES

- ❑ They are designed to run directly on gantry girders.
- ❑ Made to suite narrow headroom constraints or other building dimension restrictions,
- ❑ They are available in single girder or double girder design in a range of lifting capacities and span.
- ❑
- ❑ The Crane's end carriages are hung below the shop I Beam. The Long travel wheels move on the beam flanges and the beam girder is supported below the end carriages.





CRANE COMPONENTS



- ❑ L-Block Wheel Assembly for Efficient Operation



- ❑ DSL Guard Provide for Extra Safety



- ❑ Compact Design Brake Geared Motor direct coupled with Wheels



CRANE ELECTRIC COMPONENTS



- ❑ Pendant Festoon System through "C", "I" and "T" Track System with smooth Trolley

- ❑ Cable Festoon System through DRAG CHAIN System.



- ❑ High quality Control Panel for Higher Safety and Protection



- ❑ Featured with hard body for prolonged usage, reliable performance, high scale voltage capacity and leak proof outer insulators



- ❑ Motion Control through Radio Remote Control and Push Button Pendant





ADVANTAGES



LONG SERVICE LIFE

Our systems are designed to endure severe conditions for years, also its design lowers the maintenance while reducing the maintenance cost.



DIRECT DRIVEN DRIVERS

Travel Wheels of the Crane are direct driven thus minimizes the wear of Traveling Motions.



SMOOTH ACCELERATION & DE-ACCELERATION

The Standard Electrical Systems equipped with INVERTER minimizes the wear of the Mechanical Parts and thus increases the Service Life & effective Operation.



ACCURATE AND DURABLE LIMITS

Travels limits can easily be adjusted, also giving option set limits for slow down and stop for both top & bottom, thus ensuring problem-free operation to the user.



COMPACT DESIGN

With Smaller and Compact Design, we can reach more areas for better utilization of Working Areas.



EASE MAINTAINANCE

Every parts can be easily disassembled and lowering to the ground for effective maintenance and part replacement.



LARGE DRUM DIAMETER

VC IPL Hoists are equipped with Large Drum Diameter Rope Drum, enabling it to have maximum number if Reeving for easily reaching high lifting heights.



SMART FALLS SYSTEMS

With the Compact Pulley System, it enables Hoisting Application to have higher falls without increasing the Size.



INDIAN Railways



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CONTACT US

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An ISO 9001 – 2015 CERTIFIED COMPANY

