



Cranes

E.O.T.



- Modular construction
Standardised - assemblies
- Proven design
Crab fitted with time tested Indef hoist, CT/LT drives
- Crane kits available
Saving on transportation of structural parts
- Standard range
0.5 T, 1 T, 2 T, 3 T, 4 T, 5 T, 6 T, 7.5 T, 10 T, 12.5 T, 15 T, 20 T, 25 T, 30 T, 40 T
(Single/double girder rail mounted/underslung)

SPECIFICATIONS

The crane is designed and manufactured in accordance to IS 3177 / IS 807. Design of the crane structure as well as components/parts of the cranes are confirm to class - II duty of the above codes.

- Bridge : It is as per IS 807 / IS 3177 / IS 800. These are standard I beams of M.S. rolled steel sections/Plate Box Girders (wherever required) bolted to end carriages.
- End Carriages : Box type in construction & fabricated from rolled sections/plate box (wherever required).
- L. T. Wheels : Two nos. straight tread type, En8/En9 forged steel, double flanged LT wheels are provided in each of the two end carriages. These wheels are supported on steel axles (either fixed axle design or rotary axle design). For underslung cranes S.G.I tapered type single flanged wheels are provided.
- Pinion/Axle : Made from En9/16MnCr5, heat treated carbon alloy steel.
- L.T. Wheel Gears : They are as per IS 4460, made from EN8/EN9 and are supported on ball bearings and secured in well designed bearing housings.
- L.T. Wheel Bearings : Heavy duty sealed ball bearings are used thus regular lubrication is eliminated. Two ball bearings are provided in each wheel for smooth running.
- Hook : It is as per IS 15560. Made from forged steel - C20, C30 or equivalent. It is collar or shank type in construction with spring loaded safety latch.
- Brakes : Brakes are heavy duty A.C. electromagnetic disc type. D.C. brakes can also be provided on request.
- Control Panel : Mounted on hoist, sheet metal clad in totally enclosed construction with IP-55 Protection. It consists of control transformer, isolator, master contactor for mains ON/OFF; MPCB/MCB, contactors and overload relays for all motors.
- Pendant : Consists of push buttons housed in dust proof housing and suspended from hoist movable on independent monorail. Steel Wire rope is provided to prevent pull on pendant cables.
- Safety : Electrical interlocking is provided to avoid accidental simultaneous motions of crane due to activation of multiple push buttons at the same time. Limit switches are provided against over hoisting / over lowering and over travel in cross and longitudinal direction.
- Hoist : INDEF brand Wire rope electric hoist.

Hoist is generally conforming to IS 3938. Externally mounted TEFC, Squirrel cage, S4 Crane duty induction motor is provided for hoisting and lowering. Wire rope is as per IS 2266 and Hoist motor is as per IS 325 with class 'F' insulation and IP-55 protection. Hoist drum is of seamless steel pipe. For other details refer wire rope hoist catalogue

Special features: • Cabin operated cranes • Remote controlled pendant • VVVF drive for speed control.



Dealers name & address

Manufactured & Marketed by :
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