

Technical Specification Slat Chain Conveyor

Project: Supply, Installation, Testing & Commissioning of Slat Chain Conveyor

Location: ROH DEPOT GONDA

1- Physical Dimensions-

- **Length:** 30000 mm
- **Belt Width:** 450 mm
- **Input Height:** 1,060 mm
- **Output Height:** 2,543 mm

2. Mechanical Components

- **Chain Type:** Diamond stranded slat chain with guide
- **Top Structure (Stinger):** 3mm MS sheet, bend type
- **Bottom Structure:** MS square pipes (80 X 80)
- **Pulleys:** M.S. Pipe (Head Pulley, Tail Pulley, and Return Idlers)
- **Bearings:** Unit bearings and Ball bearings
- **Construction:** Modular design with bolted construction
- **Take-up:** Tensioning arrangement provided

3. Drive & Power System

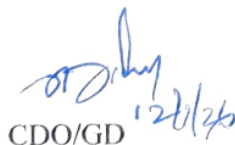
- **Drive Unit:** A.C. Geared Motor
- **Operating Speed:** 10–15 meters/minute
- **Control Switch:** Required
- **Power Supply:** 5HP, 3 Phase AC, 420 Volt, 50Hz

4. GA Drawing

- Detailed item supplies, specifications, and GA drawings must be approved before supply .
- Consignee inspection will be based on the approved GA drawings .
- Supplier may visit to ROH Depot Gonda for clear understanding before submitting the GA drawing

5. Usages

- Slat Chain conveyor will be used for carrying turning boring chips from wheel lathe machine and dumping at Nominated area.


CDO/GD 12/01/26


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JE/ROH/STORE/GD

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