

TIPPING BODY

4-8M³



1.Capacity

- 4 - 8 m³ pay load 16 ton.

2. Structure:

- Fabricated from hot rolled steel sheets.
- 4 mm sheet thick for bottom.
- 3 mm sheet thick for sides.
- Reinforced with U-shape steel sections at the area of stress concentrations.
- Reinforce at the point of action of the tipping cylinder with 8 mm plate and U-shaped steel section.
- The rear door is suspended with two cylindrical hinges to the tipping box.
- The rear door opened automatically as the box is tipped
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- The box is assembled by means of welding according to AWS specifications

3.Hydraulic System:

- Hydraulic gear pump of suitable pressure and discharge.
- The pump is operated from P.T.O on the vehicle's gear.
- Hydraulic cylinder (under body) having 30 tons capacity.

4. Safety:

- Pressure switch to control the pressure in the hydraulic system.
- Control valves to operate the tipping process.
- Audio-lighting warning when the pressure of the circuit exceeds the normal.

5.Painting:

- The body is painted with two layers of primary painting after sand blasting.
- Then it painted with two layers of finish painting with the required color.

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