

MOLTEN ZINC PUMP / HOT METAL PUMP

- 1) Type: Immersion
- 2) Capacity: Rated from one (1) Ton/min upto 4.0 Tonnes/min
- 3) Motor: Upto 7.5 HP
- 4) Net Weight: Approx. 350 Kgs.



Essential accessory for any efficient galvanizing plant at regular periodic intervals to remove the molten zinc from the furnace in order to check the kettle wall thickness as also when the tank containing the molten metal leaks, the Pump should be lowered into position slowly to avoid thermal shock and then driven at 450 °C. The pump lifts the molten metal through the delivery pipe and is discharged into prepared receptacles for cooling and these ingots can be easily transferred back to the tank at the time of remelting and reuse.

The pump should not be stalled midway during the removal of the Zinc from the tank as this shall choke up the discharge pipe of the Pump with cold zinc.

[Instant Contact Form](#)

Pump is submerged type driven by an electric motor. The pump is complete set with flange etc. The pump consists of the main body with internal parts of high temperature material suitable to handle zinc in molten condition. The special purpose totally enclosed impeller is driven by a motor through an extended shaft duly coupled.

The pump is driven by an electric motor giving a maximum flow rate of 4.0 tonnes/min and can be operated by a single person during emergency and prevents damage to furnace or kettles.

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