

Equipment Name & Model No: SLURRY MIXER:- SM – SD – 100

Application: To formulate and thoroughly mix the primary slurry before it is added to the slurry pot. The quality & consistency of the primary slurry decides the quality of the castings produced. Hence this is essential equipment in shell room of any IC foundry.

Specifications and Salient Features:

- Capacity : 100 Lts. - Mixing vessel, Dia. 500mm X 650mm L.
 - MOC : All wetted parts are SS , other structures in heavy MS sheet metal, for increased rigidity & long life.
 - Overall size : 1000mm X 1200mm X 800mm Ht.
 - Feed : SS Hopper hatch of Dia 200mm with lid. Zr flour, aqueous binder, wetting & Anti-foaming agents are fed.
 - Slurry drain : Pneumatic slurry transfer system is provided also, 1½” Polypropylene gate valve is given for sample extraction and washing.
 - Slurry Transfer: A pneumatic slurry transfer system is provided for easy operation.
 - Mounting : The rotating SS vessel is provided with cast steel shafts, precision machined & aligned, mounted on sturdy double ball bearings in bearing housings. This is designed for continuous trouble free operation
- Drive : 1 Hp, 3 phase, reduction geared motor of reputed make, coupled with a chain & sprocket arrangement with appropriate safety cover.
- Total Power : 750W.

