

Equipment Name: SLURRY POT

Model No : SP - 100

Application: The prepared slurry from the slurry mixer is fed to the slurry pot. This machine is also known as dipping pot, as wax trees are dipped into slurry held in this pot. This slurry is kept under continuous stirring through out its use, in order to prevent the settling or separation of heavier refractories used in the slurry.

The dipping pot is a rotating drum type tank that rotates against a fixed baffle type stirrer located within the inner periphery of the tank.

Specifications and Salient Features:

Type : Rotating drum, stirred uniformly with 'L' type baffle. SP - 100 is designed for smooth, silent and trouble free continuous operation.

MOC : All wetted parts are SS, other structures in MS and cast iron.

Vessel : The rotating vessel is 550mmdia X 550mm Ht. The vessel is buffed to mirror finish.

Stirrer : An 'L' type baffle, made from SS angle (50 X 50 X 6mm) is fixed on the inner periphery of the vessel.

Height : 950mm.

Mounting : The rotating SS vessel is mounted on cast iron mounting flange provided with a steel shaft, both precision machined & aligned.

This is then mounted on sturdy bearings housed in precision machined cast iron bearing box.

Drive : ½ Hp, 3 phase, 440V, 50 Hz, AC reduction geared motor of reputed make, coupled with a belt drive arrangement

Geared motor : Make REMI / Bonfiglioli.

Feature : The SS vessel is bolted onto the cast flange of the rotating base. This allows for easy removal of the vessel when required for cleaning.



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Working Height is designed to maximize worker comfort, particularly while handling heavy trees.

- Safety : The rotating vessel is covered on all sides with a heavy MS powder coated guard. The top of the drum is covered with a smooth Lip ring. This prevents the worker from coming in contact with the rotating drum & further allows him to rest his arms on the wide smooth Lip ring while handling heavy clusters.
- Lid : The vessel is provided with an Lid that fits snugly onto the lip ring.
- Overall size : Dia. 600mm X 1000mm Ht.