

Boiling Kettles



Starch paste kettle will be made out of S.S. 304 rectangular pipes of 3 mm thk and will be an independent resting type frame work where no foundation will be required. The kettle will be a hemispherical type bowl with either steam / oil / water heating jacket will be provided. The kettle will be manufactured from 2.5 mm thk s.s. 304 sheet and the jacket will be of 2.5 mm mild steel (in case of steam jacket the thickness will be 4 mm) . There will be oil / water heated fitted at the back bottom side of the kettle. The kettle will be having a worm type arrangement for tilting . A temperature controller and a temp indicator will be provided for temp control and indication. The kettle will be insulated with 50 mm thk glasswool insulation and claded with 16 swg s.s. 304 sheet. Kettle will be buffed to 150 grit matt finish externally and internally the kettle will be buffed to 220 grit mirror finish

Optionals Available

- Built in stirrer arrangement with lifting and lowering device
- Steam fittings with all connections factory fitted
- Non tilting type with bottom discharge models are also available.

Capacities Available

- From 10 ltrs to 2000 ltrs capacity.

Functions

Basically this unit is used for preparation of starch paste. Hemispherical shape ensures that the heating of the starch paste is uniform and gets more surface area. The tilting type arrangement ensures ease in unloading the paste into any container or vessel. The starch is put in the kettle and water is added till desired thickness is achieved. The kettle is jacketed and is heated till till the starch melts and a thick paste is achieved. This paste can be agitated either manually or with the help of a anchor type agitator which will constantly stir the paste so that there will no lumps formation and proper mixing is achieved.