

SLURRY BALL MILL



To achieve consistent crystal size from vacuum pan boiling it is important to inject the pan with slurry being micron sized sugar.

This is best obtained using refined sugar mixed with either absolute alcohol or methylated spirits.

The mixture is then poured through the spout of the ball mill and ground over an 8 hour period to produce an average size of 4 to 8 microns.

The unit comprises a 300mm stainless steel body mounted on a base, fully machined internally with top and bottom flanges.

The bottom cone is fitted with a stainless steel ball valve and screen to prevent the ball's leaving.

The paddle outside diameter is machined to suit the body inside diameter, rotating at 200 RPM and driven by a 0,37 kW 3 Ph. 50/60 Hz. electric geared motor.

Paddle and motor shaft are coupled by means of a 20mm Transtorque coupling.