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High Pressure Homogenizer for Juice 1000 LPH 2 stage.

TECHNICAL DETAILS

Capacity : **1000 LPH**
No. of Stages : **Two**
Application : **Juice Application**
Total Solids : **15 - 20%**
Plunger Dia. : **24 MM**

Max. Pressure

Max. Operating on both stages	: 200 Bar (2844 PSI), 175 Bar (2500 PSI)
Max. Operating Pressure Ist stage	: 140 Bar (2000 PSI)
Max. Operating Pressure in IInd stage	: 35 Bar (500 PSI)
Type of operation	: Manual
No. of Plungers	: 3 Nos.
M.O.C. of Plunger	: Special Alloy with hard chrome plated
Homogenizer Speed	: 250 SPM (Suitable for Continuous duty)
Electric Drive Motor	: 10 HP 3 phase 960 RPM; 3 Ph. (Kirloskar)
Motor Starter	: Simens make Star – Delta starter will be provided
Drive Mechanism	: Direct Belt drive
Pressure Gauge	: Flat diaphragm type (0-400 Bar) (Denmark)
M.O.C. of all fluid Contact Surface	: AISI 304 (S.S.)
The Body out of C. Iron	: The body of the Homogenizer casing is made
M.O.C. of Homogenizer Valve & Seat	: Imported Stellite (Germany)
M.O.C. of suction & dis. valve	
Inlet & Outlet pipe size	
AISI 316 with Stellited	
38 x 38 mm SMS dairy standard	
Homogenizer Covering/ Cladding	: Teflon coated SS 304 enclosure
Homogenizer legs	: 4 Nos. with adjustable SS ball feet & floor plate
Oil Window	: Provided an oil window shows level of oil in
Crank Box.	
Painting	: The inner part of the main housing is white
colour in two coats.	
Tool Kit with Machine	: We shall provided all necessary tool kit along
Instruction manual	: Will be given along with the machine