

Batch High Shear Mixer



Multimix Batch High Shear Mixer

The industrial size High Shear Mixers are specially designed for all emulsion and dispersion applications in a wide range of industries such as creams, waxes, polishing agents, dispersing of dyes, polymer emulsions and many more. All units are interchangeable with disperser and paddle mixers. Possible volume for batch operations are from 100 to 5000 liters.

The main advantages are:

- Production of fine emulsions within minutes with "V" type rotor/stator
- Elimination of "Fish Eyes" within minutes with "V" type rotor/stator
- Production of fine dispersions of up to 50,000 cps viscosity
- Achievement of less than 50 microns for premixed dispersion with "V" type rotor/stator

Specifications

Standard Model

Model	Power	Speed	Shaft Length	Capacity (H2o)	Weight
HSM 103	3 hp	3000 rpm	750 mm	100 liters	50kg
HSM 105	5.5 hp	3000 rpm	850 mm	200 liters	70kg
HSM 110	10 hp	3000 rpm	1100 mm	1000 liters	160kg
HSM 125	25 hp	3000 rpm	1300 mm	2000 liters	300kg
HSM 130	30 hp	1500 rpm	1400 mm	3000 liters	500kg
HSM 150	50 hp	1000 rpm	1600 mm	5000 liters	600kg

Vacuum & Pressure Models

HSM 203	3 hp	3000 rpm	750 mm	100 liters	50kg
HSM 205	5.5 hp	3000 rpm	850 mm	200 liters	70kg
HSM 210	10 hp	3000 rpm	1100 mm	1000 liters	160kg
HSM 225	25 hp	3000 rpm	1300 mm	2000 liters	300kg
HSM 230	30 hp	1500 rpm	1400 mm	3000 liters	500kg
HSM 250	50 hp	1000 rpm	1600 mm	5000 liters	600kg

Accessories Rotor/Stator "V" Design-Single/Double Vortex

Optional Attachments

Quick Interchangeable Accessories

- Dispersing Disperser blade 120, 150, 200, 250, 300, 350, 400, 450 & 500mm / Panel Frequency Inverter Controller
- Motorized Lifting System (mild steel coated with epoxy or stainless steel type)



Single Vortex Rotor



Double Vortex Rotor



DISPERSING



Single Vortex Stator



Double Vortex Stator



EMULSIFYING



Single Vortex Bottom View



Double Vortex Top View



Single Vortex Rotor Stator



Double Vortex Rotor Stator

