

Batch High Shear Mixer



Multimix Inline High Shear Mixer

The **Inline High Shear Mixer HSM 405 to 450** are mainly designed to disperse solid gum powder such as CMC, Carbopol and Carbomel as well as in oil/water emulsions. The machine can be delivered with a mobile stainless steel trolley which makes it very mobile and a stainless steel hopper and fittings. Available flow rates are up to 180,000 liters per hour

The main advantages are:

- Dispersion of gum without "Fish Eyes" within minutes
- Fine emulsions of 1-2 microns particle size within minutes
- Particle size reduction for dispersions below 50 microns in minutes
- Flexible mixing capacities from 3 to 300 liters
- Reduction of batch processing time
- Outstanding stability and homogeneity
- Reduction of investment costs

Specifications

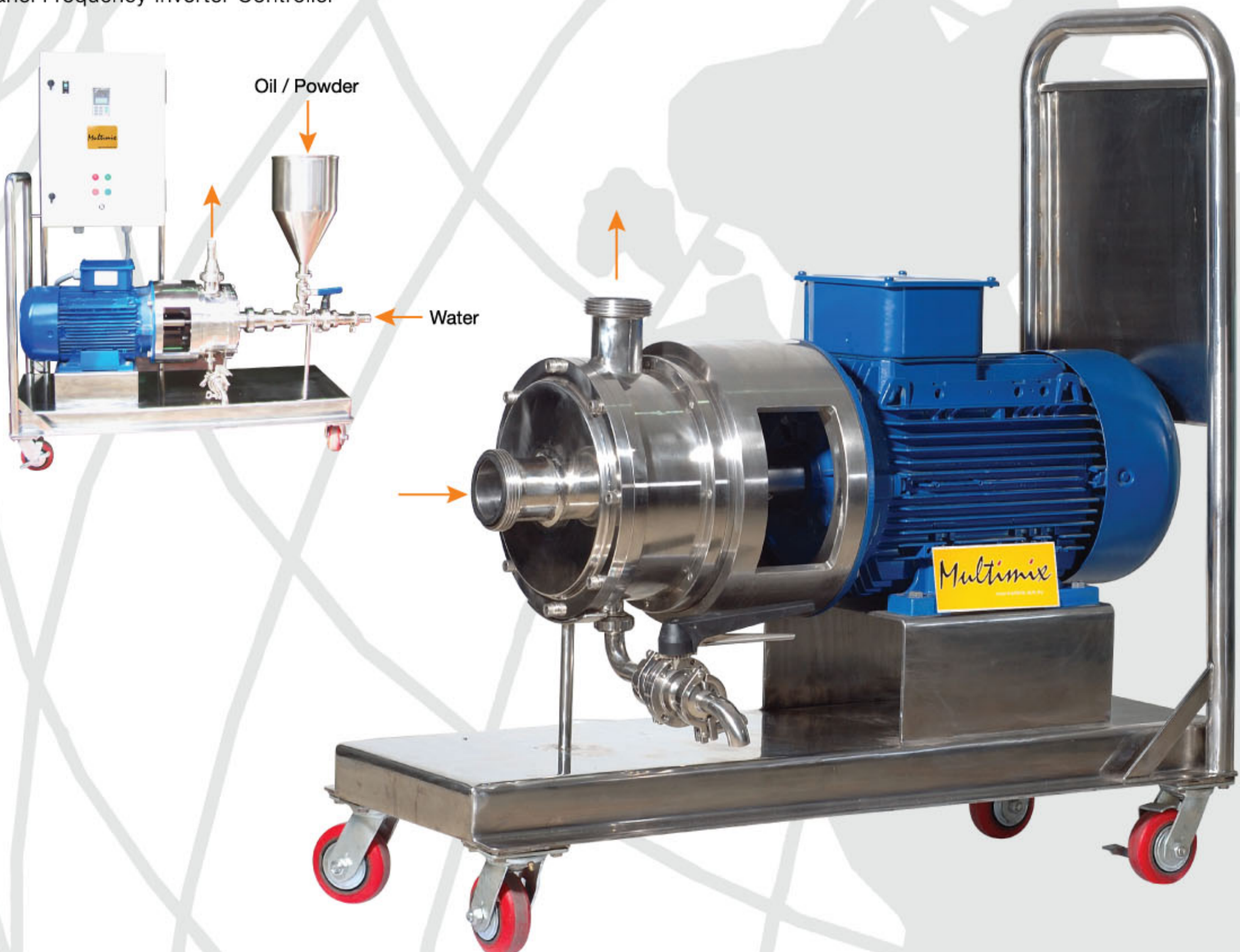
Model	Rotor/Stator	Power	Speed	Flowrate (H2O)	Inlet/Outlet	Weights
HSM 405	2 stages	5.5 hp	3000 rpm	700 lit / min	2" / 1 1/2"	70kg
HSM 410	3 stages	10 hp	3000 rpm	1000 lit /min	2 1/2" / 2"	160kg
HSM 425	4 stages	25 hp	3000 rpm	1300 lit / min	3" / 2 1/2"	350kg
HSM 430	4 stages	30 hp	1500 rpm	2000 lit / min	4" / 3 1/2"	400 kg
HSM 450	4 stages	50 hp	1000 rpm	3000 lit / min	5" / 4 1/2"	600 kg

Accessories

- Mobile Stainless Steel Trolley
- CIP Discharge System

Optional Attachments

- Stainless Steel Hopper (25 liters) & Fittings
- Panel Frequency Inverter Controller





Chamber



Stator - 4 stage



Rotor - 4 stage



**INLINE HSM
WITH VACUUM MIXER**



**INLINE HSM
WITH HOPPER**

