

MIKRONS® HIGH SPEED DISPERSER

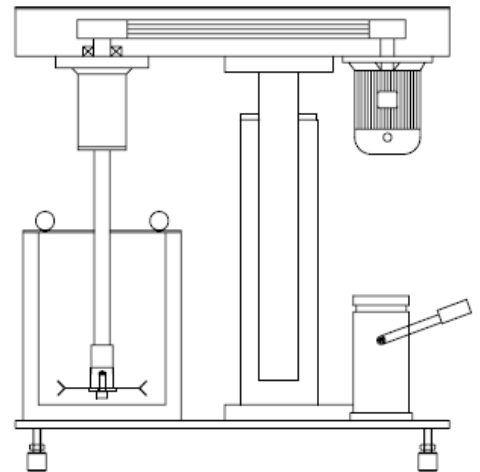
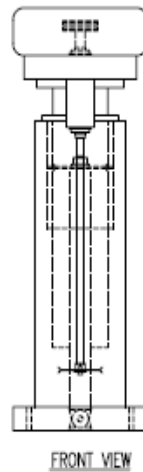
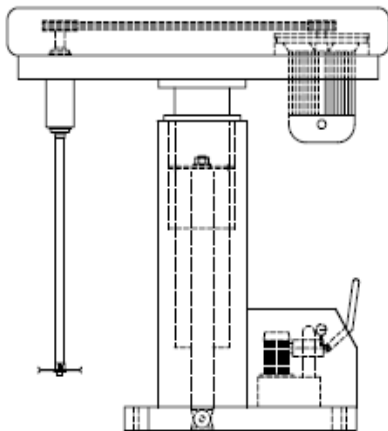
MIKRONS® Single Shaft High-Speed Dispersers are designed for intensive high speed, high shear mixing and dispersion of products such as inks, paints, coatings, adhesives, sealants, various dispersions, and similar products of low to medium viscosity. The mixers typically consist of a single High Speed Shaft mounted in the centre of the mixing vessel. *MIKRONS® Mixers* are available in various sizes, with or without adjustable arms to hold the mixing vessel in place, and hydraulic lifts.

Standard Features:

- ❖ Heavy Duty construction of base, hoist, upper head, and bearing housing.
- ❖ Inverter duty motors suitable for operation with variable frequency drive.
- ❖ Adjustable tank holder mechanism.
- ❖ Heavy duty belt drives and bearings.
- ❖ Safety switches

Options:

- Vacuum arrangement with Explosion proof motors..
- Limit switch (to prevent operations when in raised position).
- Rotating scrapper, Swivel design.
- Hydraulic power pack. PLC System
- Rotating or Indexing head, Standard blade configuration or combination of blades



Capacity Table for MIKRONS® High Speed Dispersers

MODEL	MOTOR HP			SHAFT SPEED-SINGLE		CONTAINER DIA METER mm	OPERATING VOLUME L	STROKE mm	HEIGHT mm	BREADTH mm	WIDTH mm	NETT WEIGHT kg	GROSS WEIGHT kg
	SLOW SPEED	HIGH SPEED	LIFTING	SLOW SPEED rpm	HIGH SPEED rpm								
HSM-50	NIL	3	1	NIL	1500	500	30-50	500	1600	1300	700	600	800
HSM-100	NIL	5	1	NIL	1500	650	70-100	650	1750	1550	800	800	1000
HSM-200	NIL	10	1.5	NIL	1200	750	150-200	750	1850	1600	900	1100	1350
HSM-300	NIL	15	1.5	NIL	1200	800	250-300	800	1850	2000	900	1600	1850
HSM-500	NIL	20	1.5	NIL	1200	1000	400-500	1000	1850	2000	1000	2100	2350

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