

# MIKRON® HIGH SPEED DISPERSER

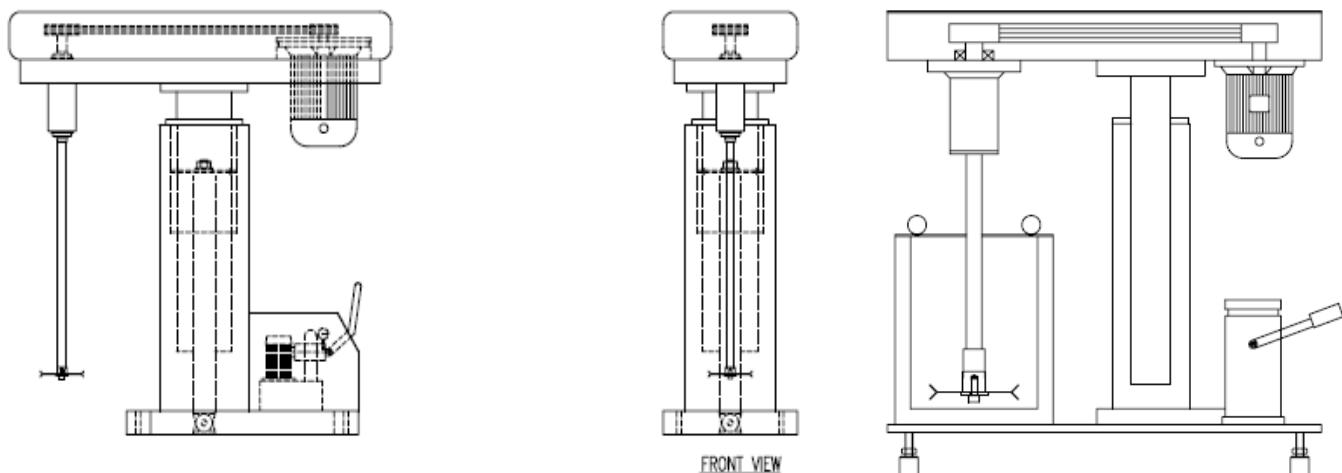
**MIKRON® Single Shaft High-Speed Dispersers** are designed for intensive high speed, high shear mixing and dispersion of products such as inks, paints, coatings, adhesives, sealants, various dispersions, and similar products of low to medium viscosity. The mixers typically consist of a single High Speed Shaft mounted in the centre of the mixing vessel. *MIKRON® 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 MIKRON® 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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