



HIVIS DISPER MIX

HM-3D-5.

Triple shaft planetary mixer.

Grinding & Dispersing

Mixing (dispersion) at high speed during kneading for the next generation of products.

Features

- The twisted blade that rotates on its axis while orbiting the vessel allows for even temperature of highly viscous material.
- Expansion up to 1,250 L is possible.

Applications

Chemical: Inks, ceramic materials, ferrites, magnetic materials, epoxy resins, scagliola, adhesives

Cosmetic: Foundations, packs, makeup

Pharmaceutical: Ointments, poultices

Food: Roux, packaged foods

IT: Condensers, secondary batteries, solder pastes, semi-conductors

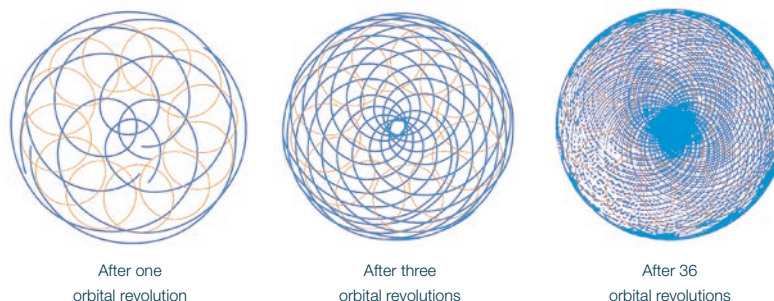


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Triple shaft, planetary type disperser/kneader/mixer.

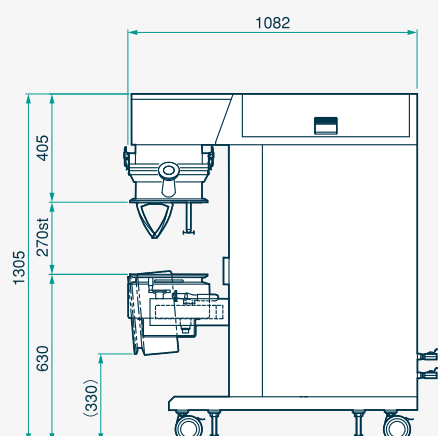
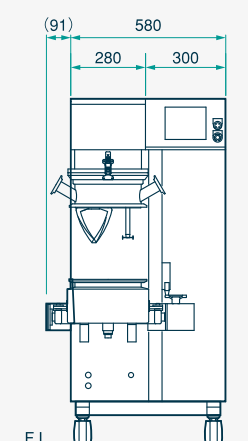


Blade and homo disper orbit patterns (blade locus – disper locus)



Technical information:

Power supply	AC 200 V 50/60 Hz three-phase	
Mixing head	Planetary mixer Motor: 1.5 kW Orbital revolutions: 5–75 rpm Axial rotation: 12–187 rpm Material: SUS304 (wetted parts)	Homogenizing disper Motor: 0.4 kW Orbital revolutions: 5–75 rpm Axial rotation: 1,200–7,500 rpm Material: SUS304 (wetted parts)
Control panel	Touch-sensitive liquid crystal display (LCD) Display: rpm, temperature, ammeter, operating time Operation controls: Run/stop switch, rpm, run time, vessel lift up/down, lighting lamp, vacuum pump	
Vessel	Full capacity: 6 L; working capacity: 3.5–5 L / comes with jacket	
Built-in unit	Vacuum pump	
Approx. Weight	340 kg	



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