SEEFRIED
Verfahrenstechnik

HOMOGENIZING MIXER

BECOMIX RW 2500 S + AB 1200



HOMOGENIZING MIXER
BECOMIX RW 2500 CD + AB 1200

For efficient production at industrial scale.

Ideal for the production of emulsions, gels, suspensions, creams, lotions, toothpastes and pastes.

Tecnical Data – RW 2500 CD

- Usable volume: approx. 2,500 liters
- Total volume: approx. 3,000–3,500 liters (depending on configuration)
- Minimum volume: approx. 500–800 liters (depending on process)
- Permissible vessel pressure (product): -1 to +3 bar (abs.)
- Jacket pressure: up to 5 bar (abs.)
- Material (product-contact parts): stainless steel 1.4404
- Material (heating jacket): stainless steel 1.4541
- Other stainless steel parts: 1.4301 / 1.4541
- Permissible product temperature: up to approx. 134
- Permissible jacket temperature: up to approx. 152 °C

Features – RW 2500 CD

Anchor agitator with scrapers and flow breakers
- Efficient mixing of high-viscosity products
- Prevents product build-up and improves heat transfer

High-performance homogenizer (internal/external)
- Reversible rotation (homogenizing / pumping mode)
- High shear forces for fine dispersion and stable emulsions
- Internal and external circulation possible

Additional equipment
- Recirculation line for external homogenization
- Hydraulically liftable lid
- Heating, cooling and vacuum operation
- CIP cleaning system
- Modern control system with touchscreen

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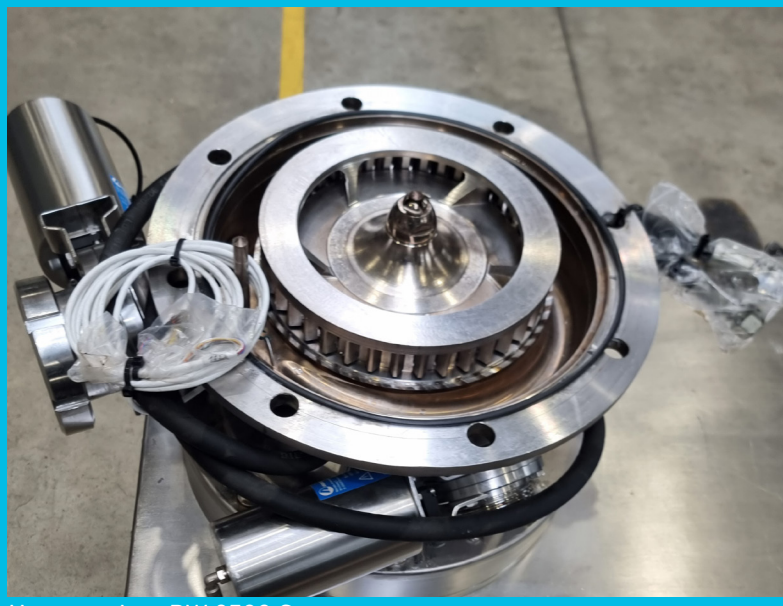
Advantages
- High production capacity for industrial applications
- Reproducible and consistent product quality
- Efficient mixing, dispersing and homogenizing
- Hygienic design and easy cleaning (CIP)
- Suitable for pharmaceutical, cosmetic and food applications

Preparation Vessel AB 1200
Technical Data
- Usable volume: approx. 1,200 liters
- Total volume: approx. 1,500–1,800 liters (depending on configuration)
- Permissible vessel pressure: 0–3 bar (abs.)
- Jacket pressure: up to 5 bar (abs.)
- Materials: same as RW 2500 CD
- Product temperature: up to approx. 134 °C

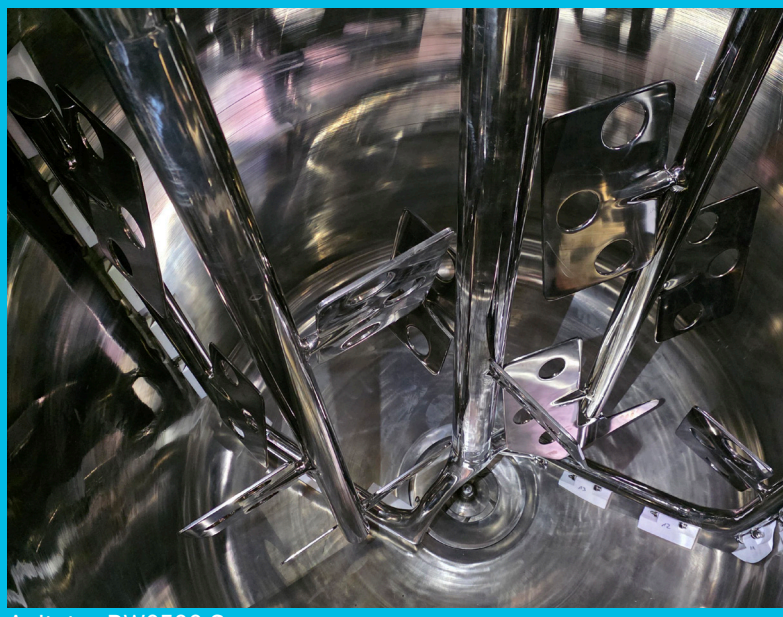
Features
- Turbo agitator / dissolver
- Direct heating and cooling
- Various suction options for liquids and powders
- CIP cleaning system
- Optional: load cells and dosing systems

Utility Requirements
- Cooling water: approx. 8–12 m^3/h at 3–5 bar
- Cooling water (vacuum pump): approx. 0.5–1.0 m^3/h
- Compressed air: approx. 2000–4000 L/min at 6–8 bar
- Power supply: 3 × 400 V / 50 Hz, approx. 150–300 kVA
- Steam: approx. 6–10 bar, approx. 850 kg/h

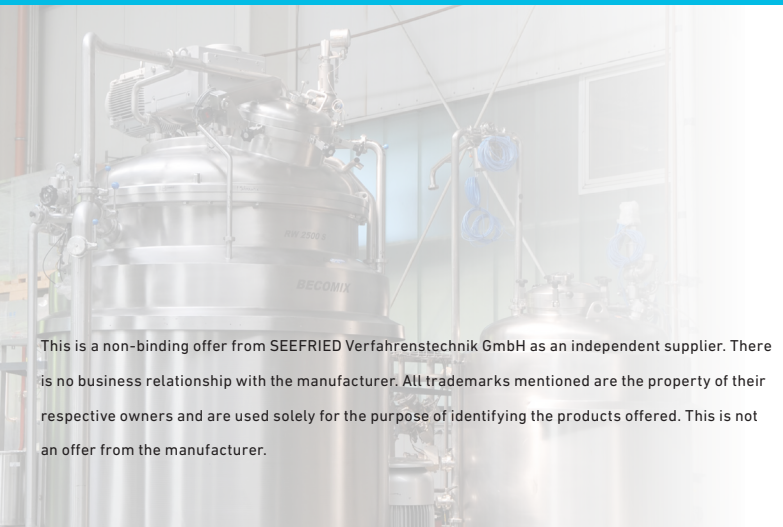
Availability
Inspection possible by appointment
Delivery time: on request / depending on project scope



Homogenizer RW 2500 S



Agitator RW2500 S



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