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Verfahrenstechnik

HOMOGENSING MIXER

BECOMIX RW 1000 CD



HOMOGENISINGMIXER
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For efficient production at pilot and industrial scale.
Ideal for the production of emulsions, gels, suspensions, creams, lotions, toothpastes and pastes.

Technical Data – RW 1000 CD

- Usable volume: 1,000 liters
- Total volume: approx. 1,300 liters
- Minimum volume: approx. 200–300 liters (depending on process)
- Permissible vessel pressure (product): -1 to +3 bar
- 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
- Design suitable for pharmaceutical and cosmetic applications

Features – RW 1000 CD

Anchor agitator with scrapers and flowbreaker
- 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 Features
- Recirculation line
- CIP cleaning system
- Hydraulically liftable lid
- Heating, cooling and vacuum operation
- Modern control system with 19“ touchscreen
- Energie- und Versorgungsrahmen inkl. Vakuumpumpe

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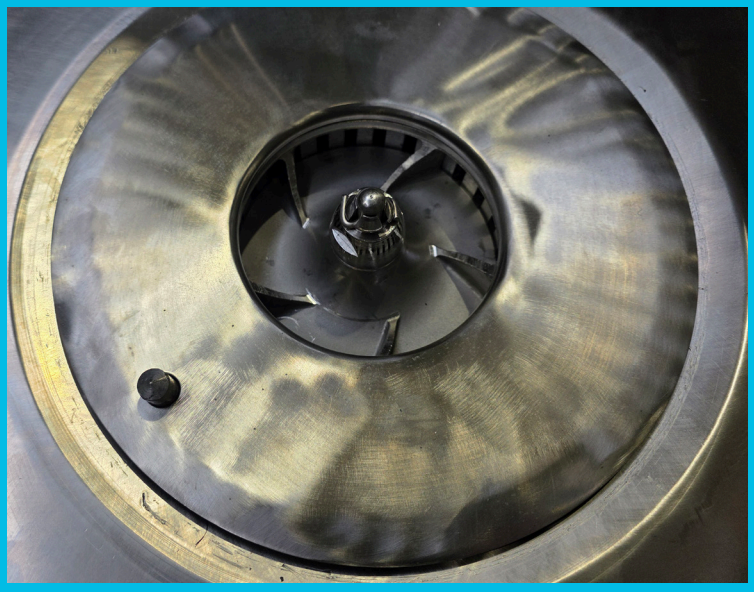
BECOMIX RW 1000 CD

- Pharmaceutical design (also suitable for cosmetic applications)

Advantages
- High process flexibility for a wide range of products
- Reproducible and consistent product quality
- Efficient mixing, dispersing and homogenizing
- Hygienic design and easy cleaning (CIP)
- Suitable for pharmaceutical and cosmetic applications

Utility Requirements
- Cooling water: approx. 4.5 m^3/h at 3 bar
- Cooling water (vacuum pump): approx. 1.0 m^3/h at ≥ 2 bar
- Compressed air: approx. 400 L/min at 8 bar
- Power supply: 3 × 400 V / 50 Hz, approx. 75 kVA
- Steam: 6–8 bar, approx. 400 kg/h

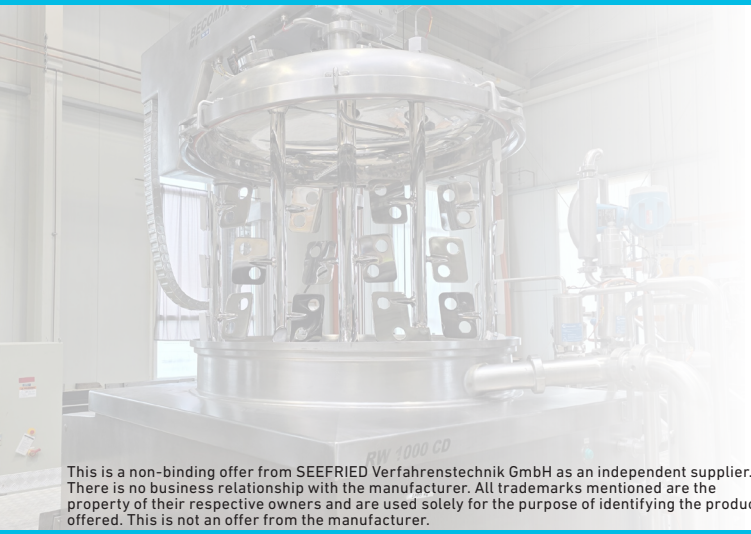
Availability
Inspection possible by appointment Leadtime depending on project.



Homogenizer RW 1000 CD



Agitator RW1000 CD



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