SEEFRIED
Verfahrenstechnik

HOMOGENIZING MIXER

BECOMIX RW 60 CD + AB 50



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For efficient development and reliable production.

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

Technical Data – RW 60 CD

- Usable volume: 60 liters
- Total volume: approx. 92 liters
- Minimum volume: approx. 20 liters
- Permissible vessel pressure (product): 0–3 bar (abs.)
- Permissible jacket pressure: 5 bar (abs.)
- Material (product-contact parts): 1.4404
- Material (heating jacket): 1.4541
- Other stainless steel parts: 1.4301 / 1.4541
- Permissible product temperature: 134 °C
- Permissible jacket temperature: 152 °C

Equipment – RW 60 CD

- Anchor agitator with baffle and PTFE scrapers
  - Peripheral speed: 0.6 – 3.6 m/s
  - Power: 2.2 kW
- High-performance homogenizer (internal/external)
  - Peripheral speed: 5 – 25 m/s
  - Power: 8 kW
  - Reversible rotor direction
  - Recirculation line DN 40
- Additional equipment
  - Water ring vacuum pump (50 m^3/h, 2 kW)
  - Secondary heating system with 2 heat exchangers (18 kW)
  - Flexible suction options (diaphragm valve)
  - CIP cleaning system
  - Modern IPC control system with 19“ touchscreen

Advantages:
High process flexibility
Reproducible product quality
Easy cleaning (CIP)

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Preparation Vessel AB 50

Technical Data

- Usable volume: 50 liters
- Total volume: approx. 87.5 liters
- Minimum volume: approx. 15 liters
- Permissible vessel pressure: 0–3 bar (abs.)
- Jacket pressure: 5 bar (abs.)
- Materials: same as RW 60 CD
- Product temperature: up to 134 °C

Equipment

- Turbo agitator (1.8 kW)
- Peripheral speed: approx. 3 – 17 m/s
- Direct heating
- Various suction options
- CIP cleaning system

Utility Requirements

- Cooling water: approx. 1.5 m^3/h at 3 bar
- Cooling water (vacuum pump): approx. 0.3 m^3/h at ≥ 2 bar
- Compressed air: approx. 300 L/min at 8 bar
- Power supply: 3 × 400 V / 50 Hz, 45 kVA
- Steam: 6–8 bar, approx. 45 kg/h

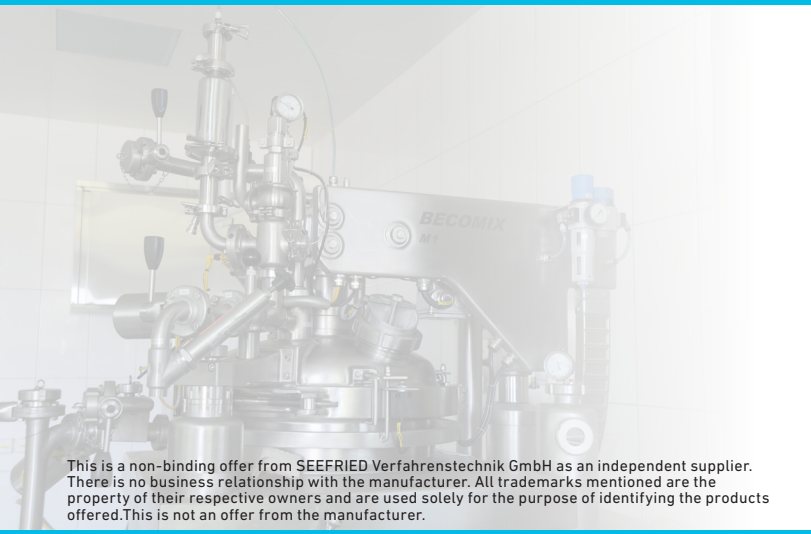
Availability
Inspection possible by appointment in Bremen
Delivery time: approx. 4–8 weeks



Homogenizing Mixer RW60 Agitator & Homogenizer



Premix with Turbodissolver



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