GEA BATCH FORMULA COAXIAL 4000 L – VACUUM MIXER



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SKU: 12510 | **Categories:** Industrial mixer, Vacuum mixer

PRODUCT DESCRIPTION

Manufacturer: GEA Process Engineering S.A.S.
Model: Batch Formula Coaxial
Manufacturer’s description: Food preparation tank
Year of manufacture: 2023
Identification numbers: 2023/01 – 2023/02 – 2023/03

Machine type: Preparation vessel with high-shear mixer at the bottom of the vessel and coaxial mixing + scrapers
Application: Food product preparation
Function: Batch mixing, dispersion and emulsification

Set
- Quantity available: 3 identical units
- Storage condition: disassembled, stored on the Osertech premises

Tank specifications
- Volume: 5,000 L
- Useful volume: 3,000 L

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- Pressure: -1 / 3 barG
- Temperature: 0–100°C
- Jacketed : -1/5 barG; 145°C
- Maximum dry matter content: 80 per cent
- Maximum viscosity: 50,000 cP
- Maximum powder feed rate: 100 kg/min
- Material of parts in contact with the product: AISI 316L stainless steel
- Tank bottom: high-speed agitator
- Domed lid with manhole secured by knobs
- CIP/NEP cleaning balls
- Inspection window
- Pressure gauge at the top

Vacuum pump
- Manufacturer: Busch
- Model: LX 0330 C AM0
- Ultimate pressure: 33 mbar

High-shear mixer
- Rotor / stator
- Power: 90 kW

Coaxial agitation
- Agitation unit manufacturer: PMS – Process Mixing Solutions
- Scraper impeller with scrapers
- Propeller shaft: 2 rows of propellers offset by 60°

Gear motor 1
- Power: 11 kW at 1,465 rpm
- Output speed: 21 rpm

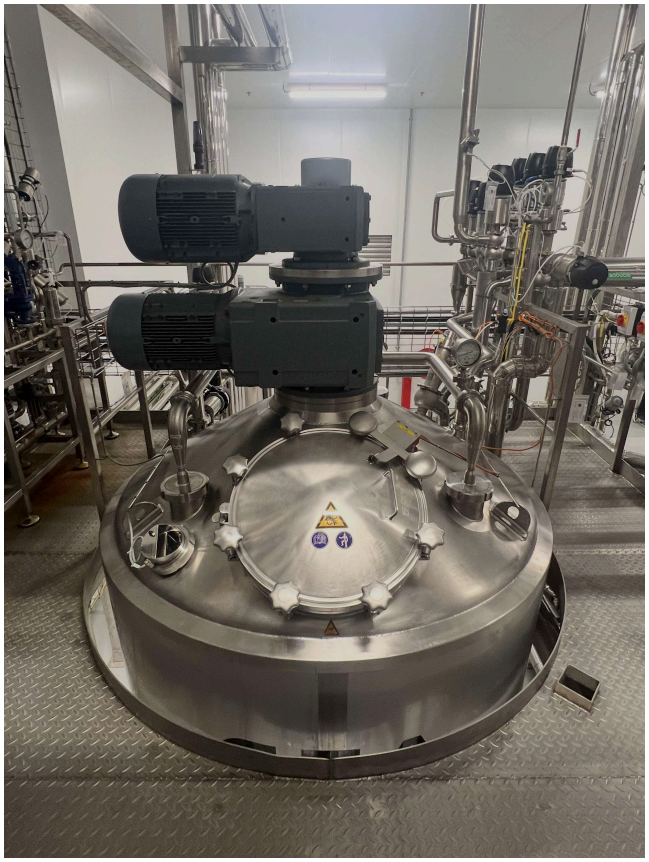
Gear motor 2
- Power: 9.2 kW at 1,470 rpm
- Output speed: 53 rpm

Requires a new electrical box (power/control). This request may be subject to a separate quotation.

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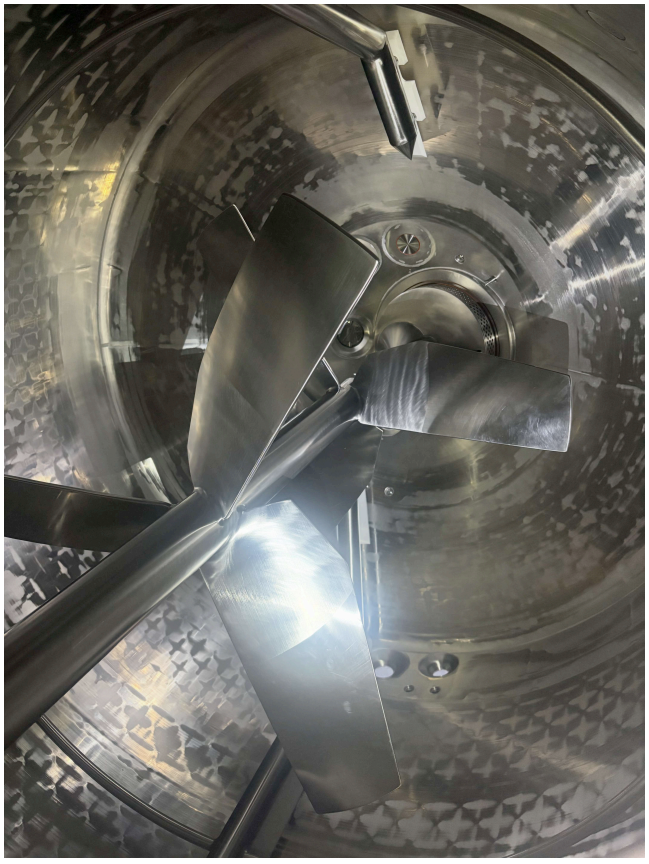




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