

OptiMix

Type 4000 – fast and efficient mixing



The ANDRITZ OptiMix paddle mixer is fast and efficient. The OptiMix is self-cleaning because the rotor changes direction between each batch and all surfaces are kept clean as a result. The nozzles are placed directly in the inlet, en-

suring that they are wiped clean when a batch is fed to the OptiMix.

Design

The ANDRITZ OptiMix has been designed to be as clean and easy to maintain as pos-

sible. The wiring and other items are integrated into the frame, making it easy to clean and maintain the mixer. A ladder is attached to the end of the mixer to provide easy access to the OptiMix.

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Patented design

Patents have been filed for the following features:

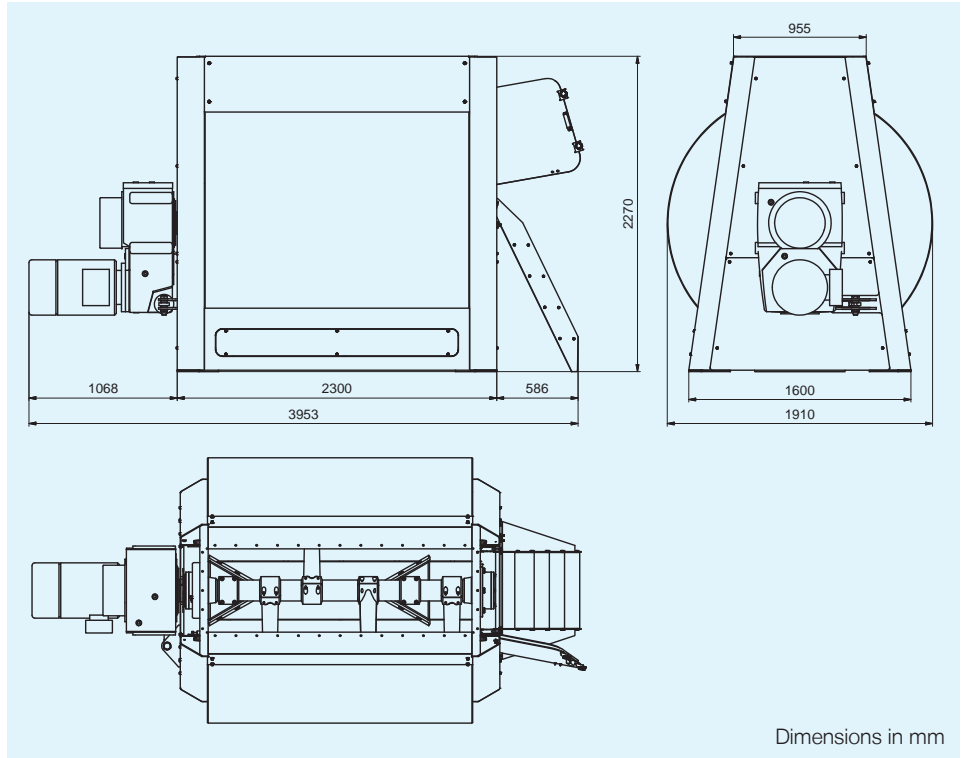
- Self-cleaning – change of direction between batches
- Placing of liquid nozzles
- Design of rotor
- Overall design

Bottom damper

The bottom damper is completely leak-tight during mixing. This bottom damper will also prevent cross-contamination between batches.

Easy access to liquid systems

The door opposite the liquid nozzles makes cleaning and maintenance work on the nozzles possible without entering the mixer chamber. This provides a safe and fast way to maintain the liquid system.



Technical data

OptiMix	
Working volume	4000 liters (25-100% filling)
Motor power	30-45 kW
Weight incl. motor	4000 kg
Batch sizes	25-100%
Batch frequency	20-30 per hour
Mixing time	75-90 seconds (dry mix)
Shaft speed	31 rpm
CV	75 seconds = <5
Addition	add up to 8 liquids
Option	wear plates for premix
Option	trough in stainless steel ISO 304

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