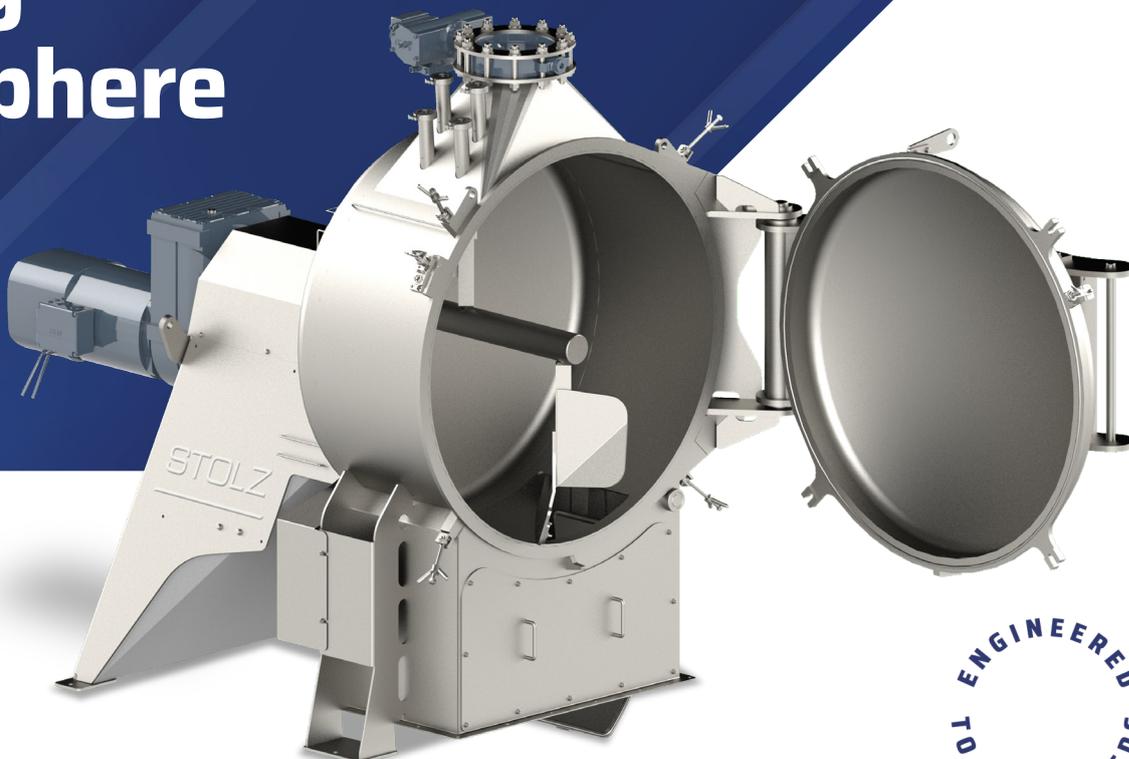


STOLZ

Mixing Rotosphere MRS



ENGINEERED
TO YOUR NEEDS

Stolz is known for its range of single-rotor and twin-rotor paddle mixers ranging from 20 to 12 000 litres.

Thanks to its technological know-how, Stolz has developed and completed a range of mixers with a new mixing technique to meet laboratories, test centers and production units requirements in different sectors of activity (Feedmill, Petfood, Fishfeed, Premix, ...).

The Mixing Rotosphere is designed to mix on small batches and to switch from one batch to another with a fast and easy cleaning to avoid the risks of inter-batch transfers.

The mechanical aspect has been designed to reduce maintenance and energy consumption and provide you with the robustness of STOLZ equipment.

USE OF THE MIXING ROTOSPHERE RANGE

The Batch mixing of powdered products, seeds or granules. Such mixing can be provided with or without liquid addition.

OPERATING PRINCIPLE

The Mixing Rotosphere is equipped with a paddle rotor providing a mixing by projection and crossing of the products.

The mixing time is can vary from 60 sec to 120 sec depending on the formulation.

Homogeneity is provided with coefficients of variation < 5% (according to TECALIMAN protocols). The optimal discharge is done through a hatch door located in the lower part of the tank.

Easy and quick cleaning by an operator in complete safety.

FEATURES

The MRS Mixer has many key strengths to perform highest functionality :

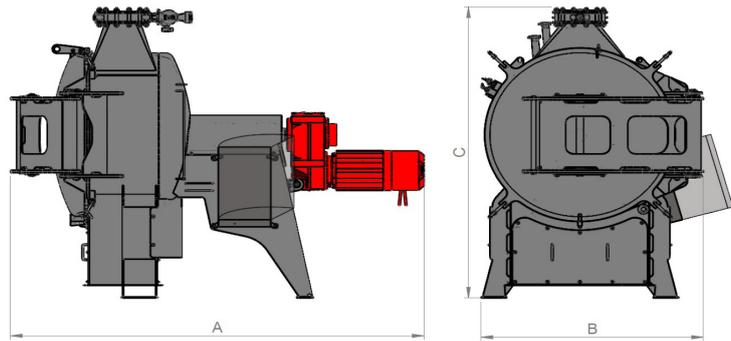
- Cylindrical tank
- A sidewall on hinges for an easy and total access to the inside of the machine
- 2-paddle rotor
- Discharge door at bottom of tank actuated and locked by pneumatic cylinders
- Two offset bearings providing the access to the sealing system
- Rotor tightness with gland
- Nozzle support for liquid addition
- Access door to the discharge device and to the seals
- Electrical box and built-in pneumatic network
- Stainless steel finish as standard

OPTIONS

STOLZ has optimized its process while adding options to its technology:

- Vacuum application (in MRSV version)
- Shearing sockets
- Heat tracing
- Rockwool insulation
- Discharge by tank tilting (replacing the tank bottom door, cycle time + 60 sec)
- Motorisation protection index : IP65
- Instrumentation protection index : IP65
- Product inlet with butterfly valve

DIMENSIONS AND POWER BY TYPE



Model TYPE	Capacity (L)	Length A (mm)	Width B (mm)	Height C (mm)	Weight (kg)	Inlet diameter (mm)	Rotor power (kW)
MRS 100	100	(mm)	900	1800	500	200	1,5kW/2,2kW
MRS 160	160	1850	1200	1850	800	200	3,7kW/5,5kW
MRS 280	280	2200	1400	1950	1200	200	5,5kW/7,5kW
MRS 460	460	2900	1550	2050	1600	250	7,5kW/11kW
MRS 660	660	3000	1650	2300	1800	250	11kW/15kW
MRS 990	990	3150	1850	2500	2100	300	15kW/22kW
MRS 1500	1500	3200	2100	2700	2400	400	22kW/30kW

STOLZ

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