



WASTE WATER TREATMENT

SUBMERSIBLE MOTOR MIXER MSXH

OPTIMAL SOLUTION FOR HOMOGENIZING LIQUIDS



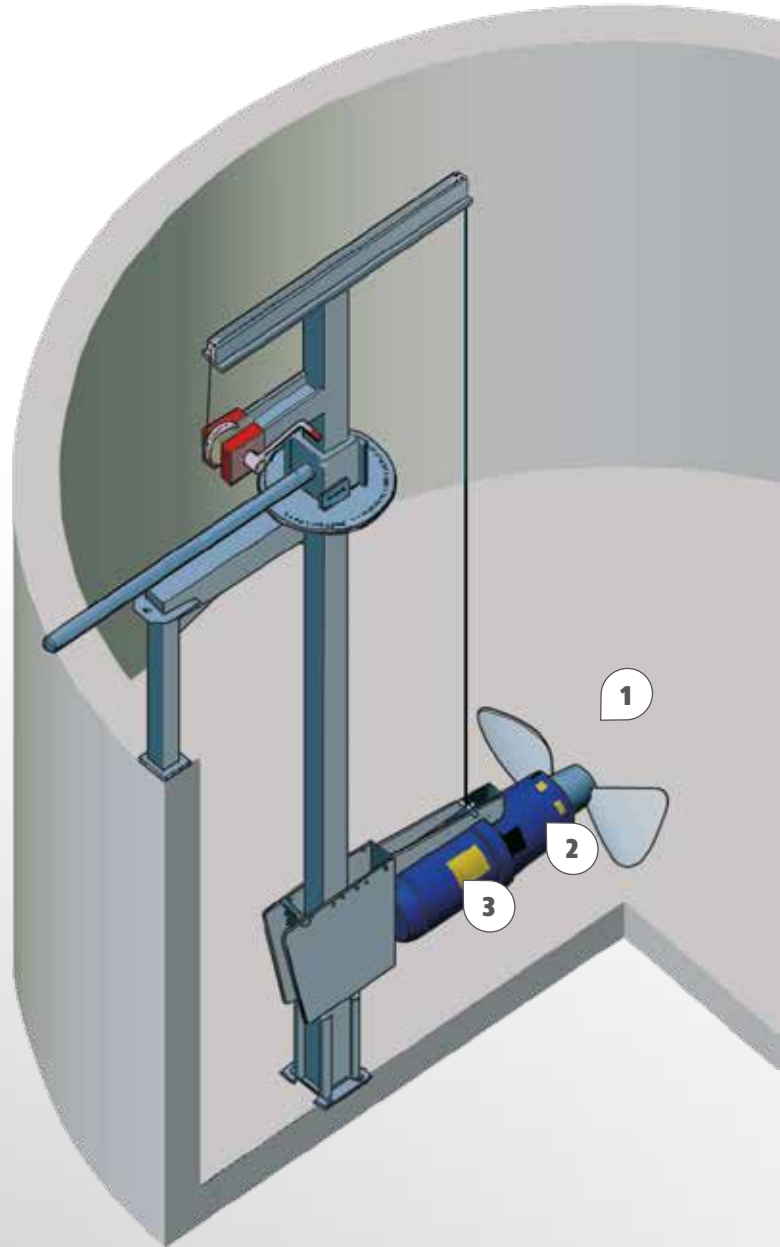
SUBMERSIBLE MOTOR MIXER MSXH

Optimum homogenization of liquids in agriculture, biogas plants, waste water treatment plants and in the industry.

THE FACTS

- High degree of efficiency
- Enormous stirring power
- For all forms of pits
- Easy installation
- Tried and tested a thousand times

FAN
SUBMERSIBLE
MOTOR MIXER
MSXH



Submersible motor mixer with lifting and lowering device

- Suitable for open and closed containers
- Easy installation, operation and maintenance
- Attachable lifting davit
- Square-guide tube 100/100 rotatable, stainless steel
- Spur gear-winch, 900 kg tensile load with stainless steel rope, self-locking
- Turning device with locking plate

FAN submersible mixers will also solve your mixing problem

1 Two-wing thrust propeller

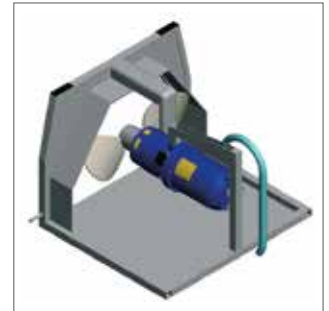
Made of stainless steel (optional hardox), self cleaning; high efficiency due to large diameter and special thrust edge.

2 Strong planetary reduction gear unit that guarantees high efficiency

High stability due to various hardened and polished interlocking gears. These gears reduce the friction, which results in less power consumption and high efficiency.

3 Three phase submersible motor

For optimal protection a thermic winding protection is installed in the motor. The thermic winding protection (PTC-resistor) has a phase protection device and is over voltage and low voltage proof as well as capacity over load proof. Medium temperature MSX up to 40 °C / MSXH up to 65 °C.



Guiding bracket with an adjustable angle of inclination

guarantees an even better mixing result and a faster dissolving of floating material and bottom sediments.

Stirring tunnel

Stirring tunnel made of stainless steel. Frame and guide rails for use as ring channel mixer. Bottom support in the safety component .

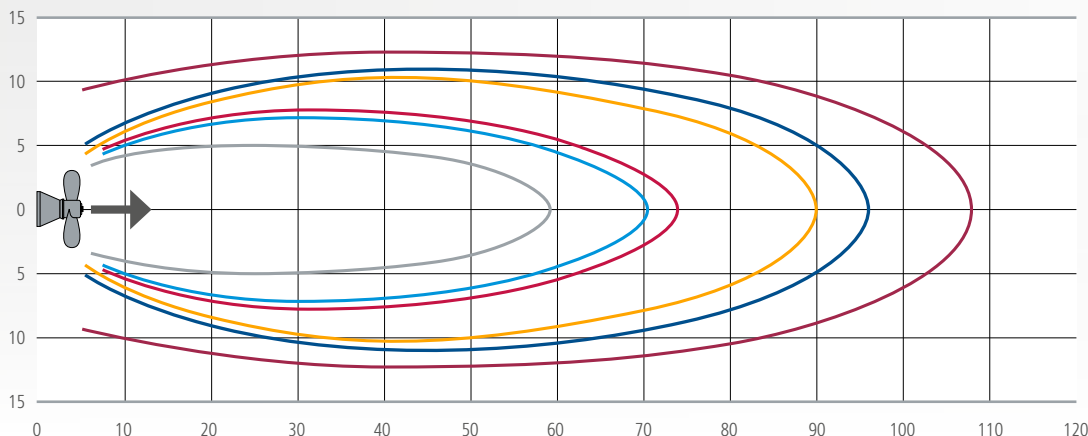
Technical data

Model	MSXH 5.5	MSXH 7.5	MSXH 8.6	MSXH 11	MSXH 12.6	MSXH 15
Output kW	5.5	7.5	8.6	11	12.6	15
Voltage V	400	400	240 / 480	400	240 / 480	400
Frequency Hz	50	50	60	50	60	50
Mixing power* m ³ /h	2,800	3,600	3,900	5,200	5,700	6,800
Pit volume* m ³	900	1,400	1,500	2,200	2,400	2,800
Propeller mm	550	600	550	665	600	750
Propeller min ⁻¹	315	315	378	304	378	315
Weight kg	175	195	195	205	205	225

*1) depending on the medium

**1) MSXH with temperature class H (maximum temperature 65° Celsius) and leak detection probe

Flow range



Flow range in m with 0.1 m/s (values apply to water)



SEPARATOR

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PRODUCTS FROM OUR SLURRY PROGRAM



MSXH

Submersible motor mixer



SEPARATOR SPS

Sludge press for municipal and industrial waste water



SEPARATOR PSS

Press screw separator for solid-liquid separation



SEPARATOR PLUG & PLAY

System for portable slurry separation



MAGNUM CSPH

Submersible motor pump gear unit design



HELIX DRIVE

Eccentric screw pump unit design



BRU

Bedding Recovery Unit produces fresh bedding from slurry

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