

SUBMERSIBLE MIXER

MD & TP SERIES

C.R.I.'s energy efficient Submersible Mixer is a mechanical device that is used in wide applications in industry and Municipality/Sewage Treatment Plants to mix the sludge and other liquid volumes like mixing, suspension of solids, agitating, blending and dissolving using optimized propeller design.

APPLICATIONS

Sewage Treatment Plants

- Sludge thickening tanks | Homogenisation Process
- Biological of Activated & Digested Sludge Plants
- Mixing of Sewage Wet Wells
- Waste Processing - Slaughter Houses | Aquaculture

Paper & Pulp Paint Industries

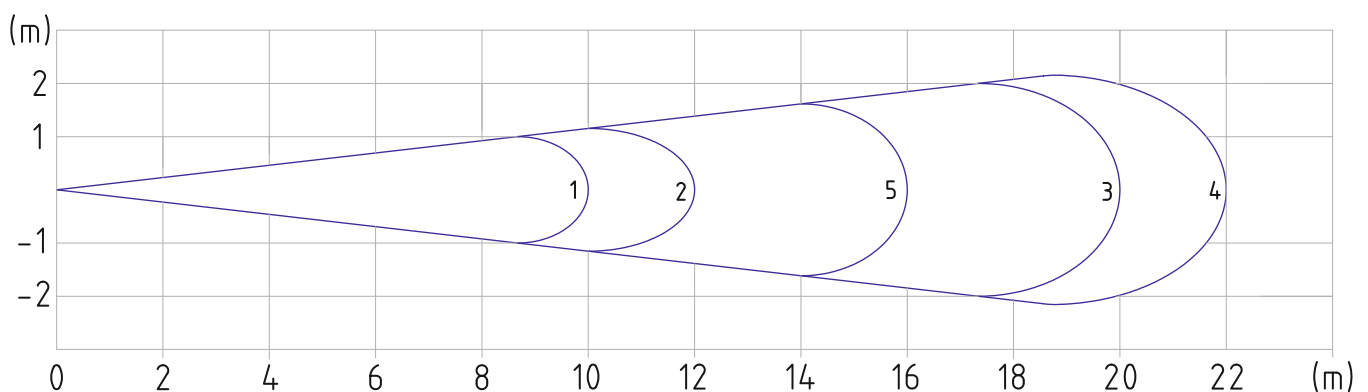
Slurry & Biogas Plants

Distilleries Breweries



MP Series Mixers with Direct Transmission

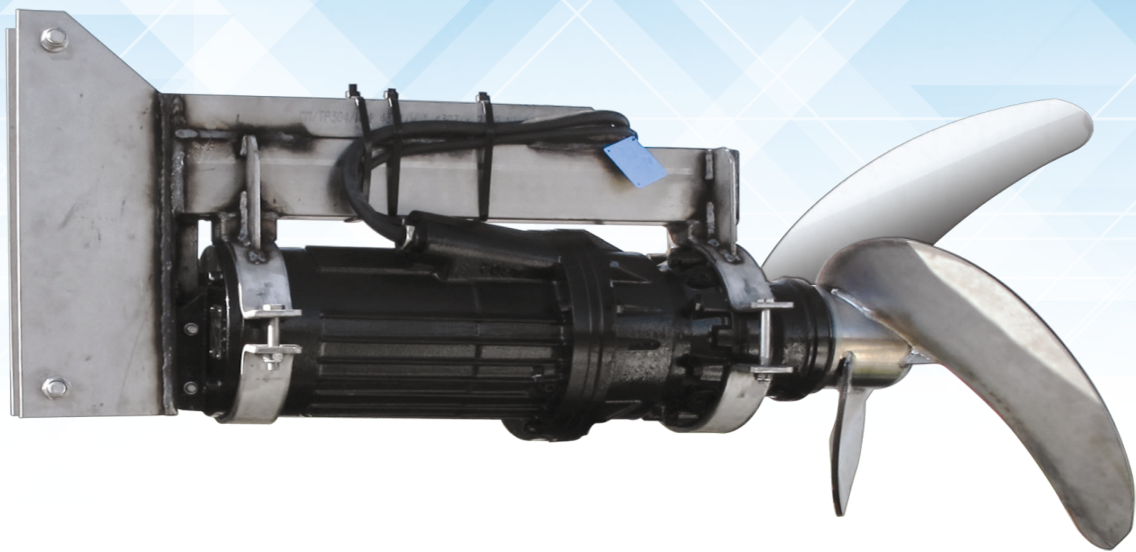
PERFORMANCE CURVES



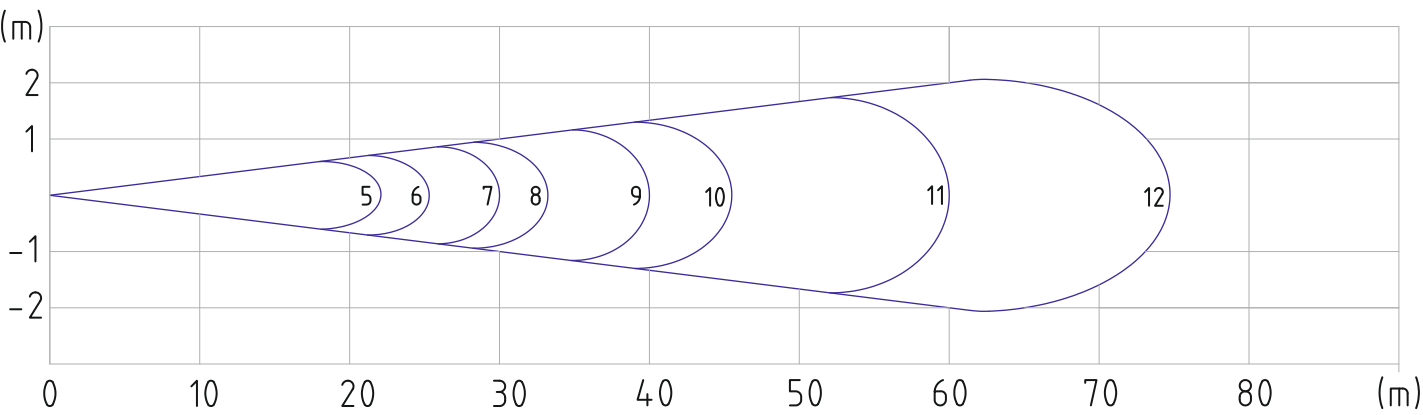
PERFORMANCE CHART

SN	MODEL	P1 kW	P2 kW	Volt	Amp	rpm	Blades	Axial Force N	Flow m³/h
1	MP - RP08 - T - 4	1.1	0.8	400	2.8	1450	2	152	320
2	MP - RP12 - T - 4	1.7	1.2	400	3.6	1450	2	210	372
3	MP - RP21 - T - 4	3.1	2.1	400	5.7	1450	2	206	590
4	MP - RP26 - T - 4	3.4	2.6	400	6.2	1450	2	404	1275
5	MP - RP34 - T - 4	4.3	3.4	400	7.6	1450	2	912	1558

TP Series Mixers with Planetary Transmission in oil chamber



PERFORMANCE CURVES



PERFORMANCE CHART

SN	MODEL	P1 kW	P2 kW	Volt	Amp	rpm	Blades	Axial Force N	Flow m³/h
1	TP - RP30 - T - 4	3.5	3.0	400	7.2	250	3	498	1462
2	TP - RP40 - T - 4	4.7	4.0	400	7.5	250	3	742	2000
3	TP - RP55 - D - 4	6.4	5.5	400	10.8	250	3	800	2162
4	TP - RP75 - D - 4	8.7	7.5	400	15.6	200	3	1131	2821
5	TP - RP90 - D - 4	10.1	9.0	400	18.0	200	3	1265	3013
6	TP - RP110 - D - 4	12.5	11.0	400	23.0	200	3	1475	3286
7	TP - RP150 - D - 4	16.7	15.0	400	30.0	200	3	2859	5489
8	TP - RP185 - D - 4	21.0	18.5	400	36.0	200	3	3725	6702

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