


**High Torque, High Flow, Right Angle Mixers**

## Built to sanitary standards at a competitive price

For larger tank volumes requiring rapid turnover & high efficiency agitation, but also designed to meet stringent CIP washdown, pressure washing and steam cleaning conditions. The Rotomaxx is available in both a Pharmaceutical or a Food grade, all stainless configuration, with multiple output speeds and seal combinations. Our Jetfoil™ impeller technology provides 200% of the pumping rate found on conventional axial blade impellers.

## Big performance in a compact package

- Total washdown capability with  TPV (#73-01) compliance
- Tank Volumes to 10,000 gallons
- Pumping Rates to 20,000 GPM
- 1/2 to 3 HP, 30-235 RPM output speeds
- Right angle design for low headroom space
- Validation documentation & factory acceptance testing (FAT) for GMP and FDA requirements



*With a small footprint and low headroom design, the Rotomaxx is ideal where space is critical on large tanks*



# Rotomaxx Specifications

The Rotomaxx series of stainless steel mixers are available in three (3) basic configurations as shown below:

Mixer Model	125 RMAX	150 RMAX	200 RMAX
Output Speed (RPM)	30 - 235	30 - 235	30 - 235
HP Range	1/2 - 2	1/2 - 3	3/4 - 3
Shaft Diameter	1 - 1/4"	1 - 1/2"	2"
Maximum Shaft Length	up to 95"	up to 106"	up to 165"
Foil Diameter	up to 55"	up to 65"	up to 67"
Pumping Rate @ 1 cps (GPM)	up to 13,000	up to 20,500	up to 23,800

## Rotomaxx

	A	B	C	D	E	F	G	H	P
125RMAX	8.9	1.25	16.5	3.5	8.2	9.08	0.42	8.00	6.50
150RMAX	8.9	1.50	18.6	3.5	8.5	9.08	0.42	8.00	6.50
200RMAX	11.0	2.00	22.4	4.5	9.8	11.22	0.54	10.00	8.00

units are in inches

The drawing includes labels for dimensions A through P, shaft length, mounting flange detail, and optional additional impeller(s). A detail of the mounting flange shows (4) G dia. Holes on a H dia. B.C. and F dia.

## Ease of Installation & Service

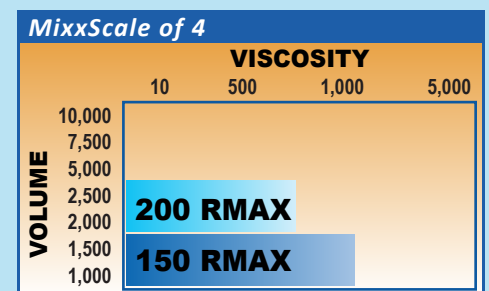
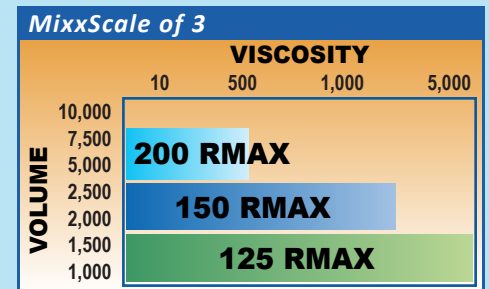
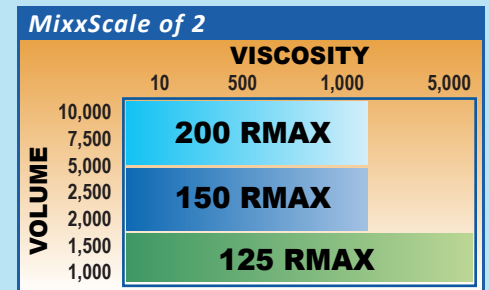
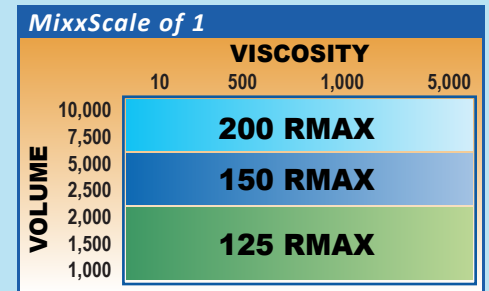
The modular design of the Rotomaxx components, along with the hollow quill bore of the reducer, allows for easy mounting and servicing.



## Selection & Performance

Selection of the proper Rotomaxx model for your application is simplified with our **MixxScale** sizing criteria. Our **MixxScale** program utilizes bulk fluid velocity and impeller size (foil diameter to tank diameter ratio) to provide the desired level of agitation, suspension of solids and top-to-bottom flow control. Our high efficiency Jetfoil™ impellers provide maximum performance using the lowest horsepower consumption and an optimized gearbox size to reduce overall costs.

Our **MixxScale** (MS) selections range from 1 through 4 with MS = 1 providing a lower level of agitation with little vortex and longer blend times (10-30 minutes), while MS = 4 is characterized by very vigorous agitation with excellent suspension and very rapid blend times of under 10 minutes. The following tables provide the best Rotomaxx selection for the designated level of agitation, tank volume and viscosity.



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