

RotomaxTM

High Torque, High Flow, All Stainless Steel Right Angle Mixers



Advanced Mixing Technologies

Rotomaxx™

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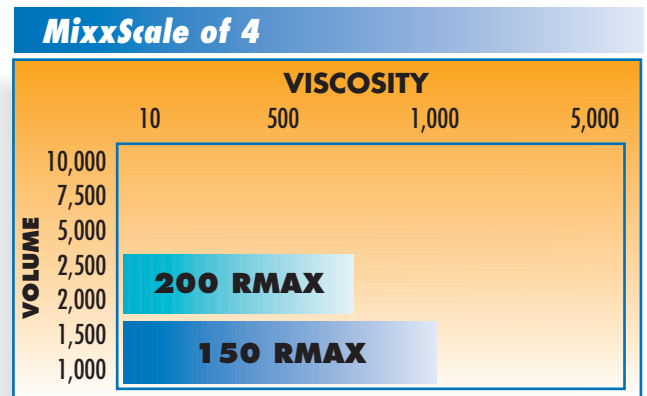
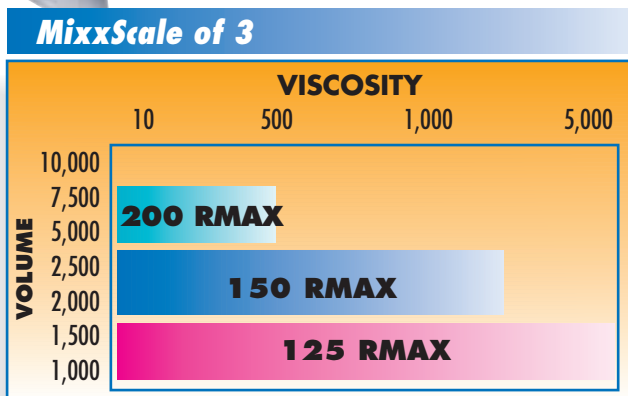
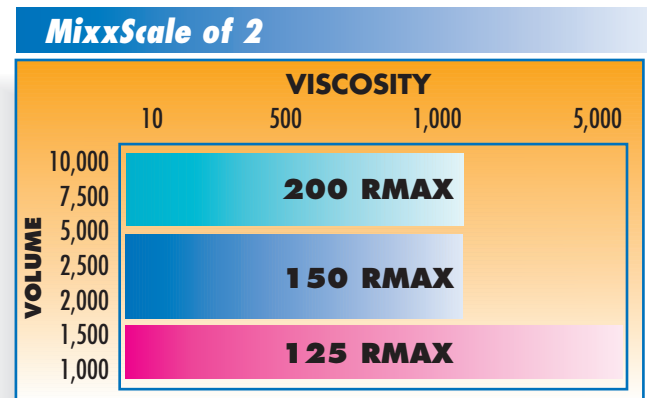
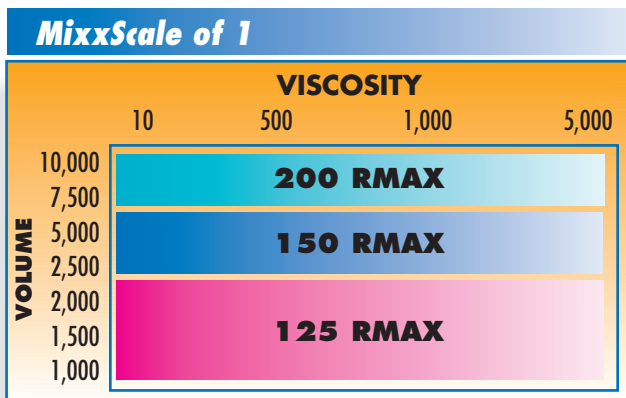
The Rotomaxx™ is designed for tank volumes up to 10,000 gallons that require rapid turnover and high efficiency agitation, while also meeting stringent CIP wash down, pressure washing and steam cleaning conditions.



Rotomaxx 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.



1-800-466-2369

Rotomaxx Features


Drive & Motor Assembly

- All gear reducers are 304SS with food grade lubricants
- Drives are 1/2 to 3 Hp, 30 - 350 rpm output speed with a minimum 1.5 service factor
- Drywells are available for optimum security from oil or grease leakage
- Motors are 300 series stainless steel or a wash down duty white epoxy finish
- AC variable frequency drives (VFD) and local tach readouts are available
- Small footprint and headroom requirement

Wetted Parts

- Heavy duty shafts in 316L from 1-1/4" to 2" are standard
- Standard finish of 30 Ra, with optional enhanced finishes to 10 Ra or better
- High efficiency Jetfoil™ impellers maximize pumping and flow

Seals and Mounting

- Mounting standards include an SS plate, ANSI flange or I-Line sanitary ferrule
-  compliant pedestals are optional
- Dry running or water flush mechanical seals are optional



Applications



FOOD & BEVERAGE

- Brines & Marinades
- Soft Drinks & Juices
- Confections
- Sauces
- Flavored Drinks



PHARMACEUTICAL

- Syrups, Elixirs
- Buffer Solutions
- Liquid Suspensions
- Media Prep & Storage
- Aseptic Environments
- Injectables



COSMETIC & CHEMICAL

- Creams & Lotions
- Shampoos
- Coatings
- Adhesives & Sealants

Rotomaxx Specifications

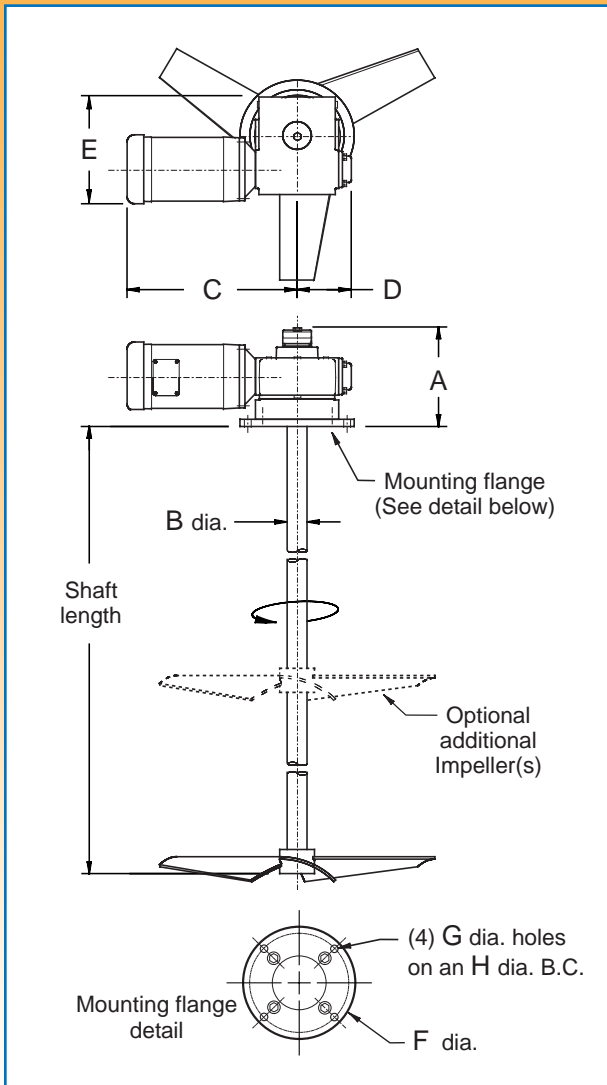
Model	125 RMAX	150 RMAX	200 RMAX
Output Speed	30-350 RPM	30-350 RPM	30-350 RPM
Hp Range	1/3 - 2	1/2 - 3	3/4 - 3
Shaft Diameter	1-1/4"	1-1/2"	2"
Maximum Shaft Length	80 - 95"	95 - 106"	150 - 165"
Foil Diameter	14 - 55"	18 - 65"	19 - 67"
Pumping Rate @ 1 cps (GPM)	5,000 - 13,000	7,000 - 20,500	8,000 - 23,800

Rotomaxx™

	A	B	C	D	E	F	G	H
125RMAX	8.7	1.25	18	3.3	7.7	8.5	0.56	7.0
150RMAX	9.1	1.50	19	4.4	9.4	9.5	0.56	8.0
200RMAX	10.4	2.00	20	5.5	11.8	11.5	0.69	10.0

Dimensions are in inches

C & E may vary with motor selection



Rotomaxx™ 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.

SS Motors

are directly coupled to eliminate misalignment.

SS Gear Reducers

include a hollow bore to eliminate shaft couplings.

SS Pedestals

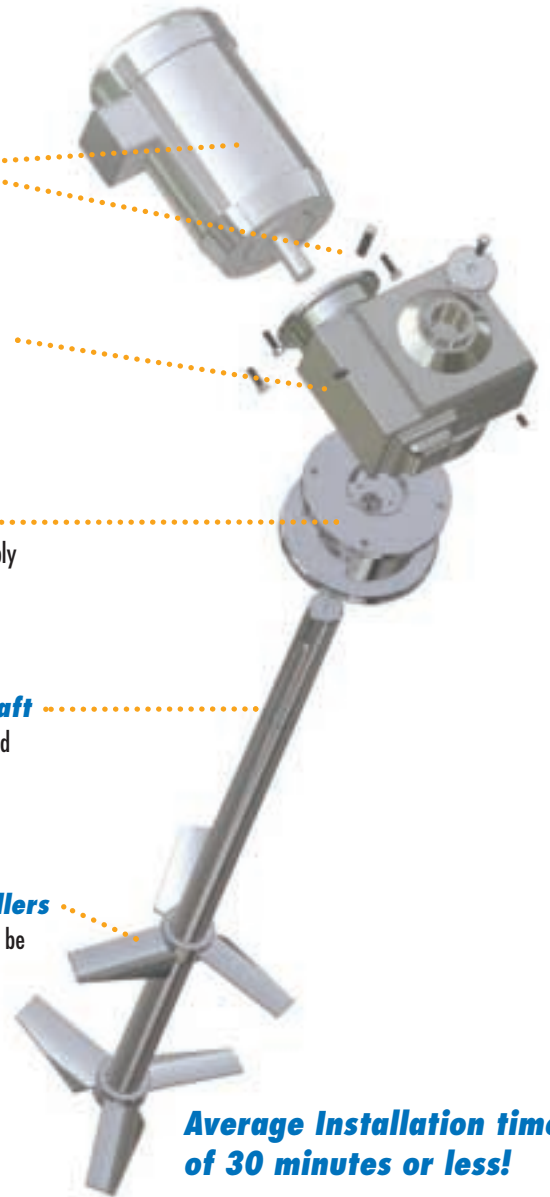
allow easy seal disassembly and are registered for perfect seal alignment.

Removable SS Shaft

is both keyed and retained above the hollow quill to eliminate slip.

SS Jetfoil™ Impellers

are keyed, welded or can be bolted construction where space is limited.



Average Installation time of 30 minutes or less!

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