

ROTOMIXX[®]

SANITARY STAINLESS MIXERS



Advanced Mixing Technologies

The Rotomixx® continues the Admix mission to offer our customers the most advanced mixing technology combined with superior sanitary quality. The Rotomixx offers excellent performance by utilizing high efficiency, maximum flow Jetfoil™ blades - for both direct drive and gear drive operation. The processing value is further increased by housing the mixer in a completely stainless steel gearbox, bearing frame and motor. You will not find a speck of paint anywhere on our entire mixer, but we trust that you will still find our all stainless mixers competitive with other high quality portables.

Whether you need to replace outdated, non-sanitary portable mixers, or require all stainless, NSF approved mixers (sect. 73-00) for new processing tanks, we would appreciate the opportunity to offer a proposal to demonstrate how Admix can enhance your mixing operations.

Lou Beaudette
Lou Beaudette
GENERAL MANAGER

Why All Stainless?

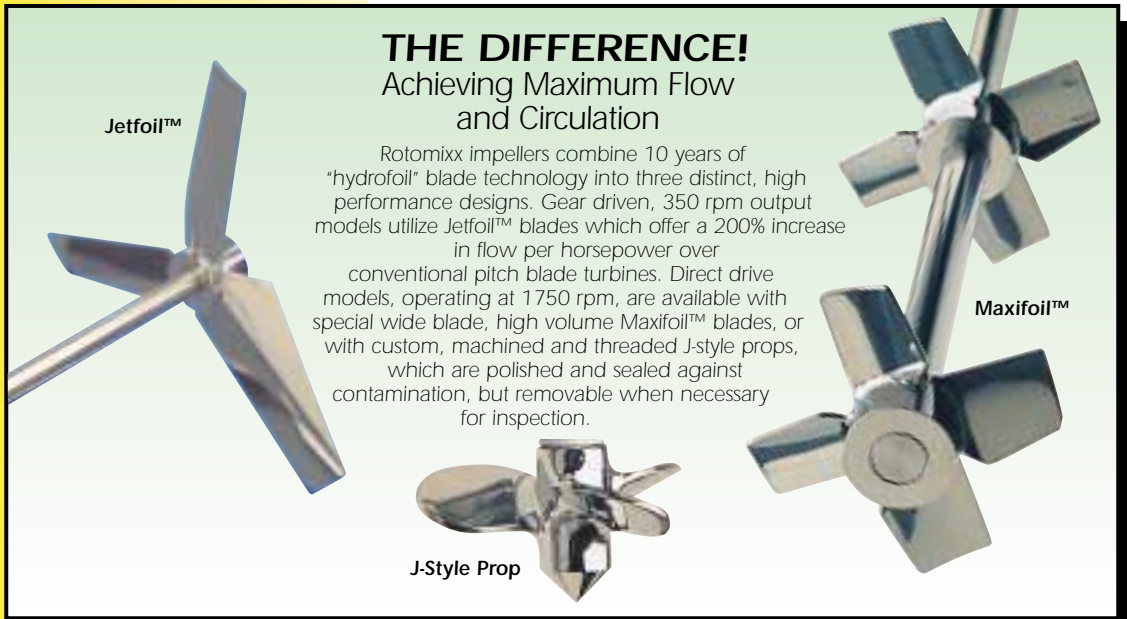
The Rotomixx® fills the need for a paint-free, all stainless portable mixer where the possibility of open tank contamination from paint chips exists. The 316 SS gearbox and bearing frame also provide superior corrosion resistance from high salt, brine, moisture or acid vapors. Motors are available with premium all stainless designs, or our standard all stainless housings and shafts with treated end bells. Mixer shaft and impellers are sanitary finish 316 SS with #4 polish at a nominal charge. Mounting clamps, when required, also use 316 SS components throughout.

Small Package with Big Results!

As the selection table which follows indicates, the Rotomixx provides rapid blend times at higher viscosities and volumes. For holding tanks, suspension tanks, storage or rapid mixing, the Rotomixx provides superior circulation and flow characteristics—normally obtainable only with larger, higher horsepower agitators.

Part of the Family

The Rotomixx® joins the Rotostat® and Rotosolver® in providing an all stainless family of mixers for applications from simple blending to difficult dispersions and emulsions. The Rotomixx can upgrade existing multi-mixer tanks and kettles, improving both the performance and the sanitary reliability of the mix kettle.



Jetfoil™

THE DIFFERENCE!
Achieving Maximum Flow and Circulation

Rotomixx impellers combine 10 years of "hydrofoil" blade technology into three distinct, high performance designs. Gear driven, 350 rpm output models utilize Jetfoil™ blades which offer a 200% increase in flow per horsepower over conventional pitch blade turbines. Direct drive models, operating at 1750 rpm, are available with special wide blade, high volume Maxifoil™ blades, or with custom, machined and threaded J-style props, which are polished and sealed against contamination, but removable when necessary for inspection.

J-Style Prop

Maxifoil™

THE ROTOMIXX® DESIGN ADVANTAGE

All Stainless Steel Washdown Motors

Available with a choice of 3 grades of Stainless Steel motors featuring machined SS or treated aluminum end bells.

Gear Drive or Direct Drive

For high viscosity or large batches, our gear drive featuring a minimum 2.0 service factor is recommended. Gear drive housings are machined from solid 316L for maximum durability and sanitation. Direct drives feature sealed, permanently greased bearings with a polished 316 SS housing.

SS Machined C-Type Mounting Clamp

Optional 316 SS clamps on gear drives and direct drives, featuring a 20° angle adjustment and full 360° swivel. Direct and gear drives are also available with flange or sanitary ferrule mounts.

Sealed or Removable Shafts

Gear drives feature removable shafts retained by a positive fit internal shaft coupling. Direct drives have either fixed non-removable shafts with a sealed entry at the mounting flange face, or removable shafts for servicing and flexibility.

High Capacity Impellers

Can be welded to the shaft to eliminate crevices, or furnished with sealed, threaded props.



ADDITIONAL FEATURES AND BENEFITS

Sanitation

- Total Washdown Capability
- AA Approved
- No Wearing Parts in Product Zone
- No Paint Above Product Zone
- Quick Disconnect Prop for Inspection

Material Finish

- 316L SS Housing
- 304 Stainless Motor
- 316 SS Shafting, Mixing Blades
- 316 SS Clamp

Motor / Drive Options

- All Stainless Steel Motor
- 115, 230 or 460 Volt Speed Controllers with Nema 4 or Stainless Steel Enclosures

Mounting Options

- Std. SS Flange
- 316 SS C-clamp
- Sanitary Clamp / Ferrule
- Pneumatic All Stainless Mobile Lift Stand
- Pneumatic All Stainless Wall Stand
- Hydraulic White Epoxy Mobile Lift Stand

Shaft Seal Options

- Low Pressure Lip Seal
- Single, Dry Running Mechanical
- Double, Dry Running Mechanical

VISCOSITY (cps)	TYPICAL FLUIDS	VOLUME							
		50	100	250	500	1000	2000	3000	4000
1.0	Water, Blood, Milk 60° Brix Syrup Sour Cream	HP:1/2	HP:1/2	HP:1	HP:2	HP:1	HP:1	HP:1	HP:1
		BT:1.3	BT:2.6	BT:3.8	BT:6.0	BT:4.4	BT:8.7	BT:13.1	BT:17.4
100	SAE 10 Oil Olive Oil Starch Slurry Maple Syrup	HP:1/2	HP:1/2	HP:1	HP:2	HP:1	HP:1	HP:1	HP:1
		BT:1.4	BT:2.8	BT:4.3	BT:6.2	BT:4.5	BT:8.8	BT:13.2	BT:17.6
250	SAE 20 Oil, Cough Syrup Mayonnaise	HP:1/2	HP:1/2	HP:1/2	HP:1	HP:1	HP:1	HP:2	HP:2
		BT:1.6	BT:3.2	BT:1.9	BT:3.8	BT:4.7	BT:9.5	BT:14.3	BT:11.2
500	Glucose, SAE 30 Oil Caramel (140°F)	HP:1/2	HP:1/2	HP:1/2	HP:1/2	HP:1	HP:1	HP:2	HP:2
		BT:1.8	BT:3.6	BT:2.1	BT:4.2	BT:5.1	BT:10.2	BT:9.0	BT:11.9
750	Glycerin Yogurt	HP:1/2	HP:1/2	HP:1/2	HP:1/2	HP:1	HP:1	HP:2	HP:2
		BT:2.5	BT:5.0	BT:2.2	BT:4.4	BT:5.6	BT:11.2	BT:9.4	BT:12.5
1000	Caster Oil Honey	HP:1/2	HP:1/2	HP:1	HP:1	HP:1	HP:2	HP:2	HP:2
		BT:2.9	BT:1.2	BT:1.6	BT:3.2	BT:6.4	BT:8.0	BT:12	BT:16
2500	Catsup, Soybean Slurry Molasses	HP:1/2	HP:1/2	HP:1	HP:1	HP:2	HP:2	HP:2	HP:2
		BT:3.5	BT:1.6	BT:2.5	BT:5.0	BT:6.8	BT:13.6	BT:20.4	BT:27
5000	Tomato Paste, Shampoo Karo Syrup, 76° Brix Syrup	HP:1/2	HP:1/2	HP:1	HP:2	HP:2	HP:2	HP:2	HP:2
		BT:4.0	BT:2.0	BT:3.0	BT:1.8	BT:8.3	BT:16.6	BT:25	BT:33

LEGEND: Direct Drive Gear Drive HP = Horsepower BT = Blend Time (minutes)



MODEL RXDF



MODEL RXDC



MODEL RXDS



MODEL RXGF OR RXGS

ROTOMIXX® SPECIFICATIONS

The Rotomixx® series of stainless steel mixers is available to suit your specific design and mounting requirements. Rotomixx Model RXGC is featured on the front cover.

Models	RXDF	RXDC	RXDS	RXGF/RXGS	RXGC
Drive Type	Direct	Direct	Direct	Gear	Gear
Output Speed (rpm)	1750 rpm	1750 rpm	1750 rpm	350 rpm	350 rpm
Mounting	Flange	Clamp	Tri-Clamp Ferrule	Flange or Ferrule	Clamp
Shaft Support	7" Bearing Span	7" Bearing Span	7" Bearing Span	4" Arbor	4" Arbor
Shaft Diameter	1" or 1-1/4"	1" or 1-1/4"	1" or 1-1/4"	1"	1"
Shaft Length (maximum)	60"	48"	48"	60"	60"
Weight	75 lbs.	85 lbs.	80 lbs.	90 lbs.	100 lbs.
Type of Impellers	Maxifoils™ or J-style props	Maxifoils™ or J-style props	Maxifoils™ or J-style props	Jetfoils™	Jetfoils™

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