



P&PE

PUMPS & PROCESS EQUIPMENT INC.

To Request a Quote,

CALL US 1-847-882-8116

RG/RAG Series

The RG series is a gear driven portable mixer designed for heavy duty mixing applications over 1/2HP. OEM applications. They feature a standard single set, forged and precision ground (AGMA 11) helical gears which are rated to 4.5 HP @ 400 RPM. Heavy duty, American made SKF bearings support an oversized output shaft coupling to support long, over hung impeller shafts. Mixers are recommended for blending up to 5,000 gallons for high flow and low shear applications. An XTF-3 high efficiency foil impeller is standard.

Motors

1. - American made Baldor motors are standard in 115/230/60/1 or 208/230/460/60/3 TEFC
2. - Optional Motors include:
3. - 1150 RPM
4. - Inverter Duty, Explosion Proof, Chemical Duty, Washdown, or Premium Efficiency
5. - 50Hz and other special voltages

6. - Air Motors
 1. - Self-sealed, cast iron bodied
 2. - Inherent variable speed with needle valve.
 3. - Horsepower ranges from ¼ to 5 HP.
 4. - Speed ranges from 60-2000 rpm.

Features

1. - 100% Process Guarantee
2. - 3 Year Mechanical Warranty
3. - All Motors are Standard NEMA C-Face Design
4. - Gears are Rated for Min. 1.5 Service Factor
5. - Heavy Duty Sealed ball Bearing on Output Shaft
6. - C-Clamp Mount Design or Cup Plate Mount for no additional charge
7. - All Shafts are 316SS, *Pump Shaft Quality* for Minimum Vibration, 32 RA Standard Finish
8. - Impellers are 316SS
9. - Special Coatings are Available (PVC, PFA, PVC, Halar, Rubber/Others on Request)
10. - USDA Approved Sanitary Versions Available
11. - OSHA Approved for Safety

Options

1. - AC and DC Variable Speed Drives
2. - Specialty coatings on shafts and propellers for corrosive environments
3. - Polished shafts and propellers for sanitary environments such as food or pharmaceutical production
4. - Special finishes on mixer heads including white epoxy and "Steel-it" stainless steel paint
5. - Cup plate mount is available at no additional cost. The advantage of cup plate mounting is an exceptionally sturdy bolted mounting base.
6. - Stabilizer Rings on Propeller Models

GEAR DRIVEN PORTABLE MIXERS						
Electric Portable Mixers						
Model	Net Wt. (lbs.)	Shaft RPM	HP	Standard Shaft (inches)	Standard XTF-3 Impeller Diameter (inches)	
					Single	Dual
RG-4	86	400	3/4	3/4" x 48"	14	13
RG-5	89		1	1 x 60"	15	13
RG-6	91		1-1/2		17	15
RG-7	106		2	1-1/4 x 60"	18	16
RG-8	116		3		19	17
RG-15	104	264	1		19	17
RG-16	109		1-1/2	20	19	
RG17	136		2	21	20	
Air Powered Portable Mixers						
Model	Net Wt. (lbs.)	Shaft RPM	HP	Standard Shaft (inches)	Standard XTF-3 Impeller Diameter (inches)	
					Single	Dual
RAG-5	71	400	1	1 x 60"	15	13
RAG-7	89		2	1-1/4 x 60"	18	15/16
RAG-8	95		3	1-1/4 x 60"	19	17