

A LEADER IN THE CREATIVE MIXING INDUSTRY

Trusted Since 1976



Ribbon Blender



**Reynolds
Industries**

www.reynoldsmixers.com

RIBBON BLENDER

DESCRIPTION

The Ribbon Blender has a unique shallow helix design that provides more left to right mixing and less centrifuging. The heavy-duty design provides for less ribbon loading and better quality mixing. A simple gas charged lift provides for safety and ease of lid opening. Our unique shaft seal design prevents leakage from either end of the blender.

- High Product Turnover for Homogenous Mixtures
- De-dusting Spray Heads and CIP Systems
- Designs up to 200HP and 1,000 ft³
- Electric or Hydraulic Drive, Multiple Mounting Configurations, Carbon and/or Stainless Steel, XP Rating Available

BLENDER OPTIONS

- Extended legs
- Modified covers with custom designed ports
- Liquid addition spray bar and nozzles
- 304L or 316L stainless steel
- End or multiple discharge points
- Ball valve or flush bottom plug valves
- Heating or cooling jackets including ASME code
- Product thermowell
- Internal vacuum design
- Explosion-proof motors
- Higher HP drives
- Shaft-mounted or hollow-bore gear reducers
- Controls in NEMA-12, 7, 4, and 4X or purged
- Soft-start or variable frequency drives
- Load cells



BLENDER FEATURES

- Working capacities from 1 to 515 cubic foot standard. Up to 1,000 cubic foot capacity available.
- Sanitary design improves discharge and makes cleaning easier and more thorough.
- Slide-gate discharge valve with pneumatic actuator.
- 304 stainless steel contact surfaces, packing gland, Optional 304SS support structure and chain guard.
- All internal and external welds are radiused, ground smooth, flush and pit free. 200 grit polish inside and out.
- Packing gland housing is split for easy maintenance.
- Seals are capable of handling 50F to 400F and up to 200 RPM.
- Provision for gas or liquid purge.
- Sealed pillow block roller bearings.
- Heavy-duty gear reducer and chain drive.
- Fully welded 304 stainless steel agitator, Optional shaft with flanged ends for easy removal.
- Hinged covers with removable grates and limit switches.

For more information on Ribbon Blenders visit www.reynoldsmixers.com or call 1-803-548-4301 to speak with mixing specialists about your application

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BLENDER APPLICATIONS

- Animal feed
- Catalysts
- Ceramics
- Cosmetics
- Dye
- External Pharmaceuticals
- Fertilizers
- Pigments
- Plasticizer powders
- Powders
- Resins powders

STANDARD MODELS

MODEL	HP	RPM	Total Volume (Ft3)	Working Volume (Ft3)	Discharge Valve Dia(In)
RRB-1	1	90	2	1.5	2
RRB-2	2	60	4	3	3
RRB-3	3	65	7	5	4
RRB-5	5	60	12	10	4
RRB-10	10	55	28	25	6
RRB-15	15	40	55	50	6
RRB-25	25	30	85	70	8
RRB-30	30	25	115	100	8
RRB-40	40	25	170	150	10
RRB-50	50	25	250	225	10
RRB-75	75	15	350	300	10
RRB-100	100	20	450	400	10
RRB-125	125	20	550	500	10

OTHER INFORMATION

Reynolds Industries can perform lab test on customer's products. Our process experts will design a mixing system for your new product or to help with your existing mixing process. Our engineering team will determine a cost effective and long-lasting system to meet your processing requirements. Controls can be designed to fit with your existing control systems or new control systems can be designed for ease of operation.

A world map in shades of blue with a grid pattern. White lines with dots at the ends connect various locations across the globe, representing a global network or distribution system.

Manufacturer of process equipment since 1976

CONTACT US

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INQUIRY

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REYNOLDS INDUSTRIES PRODUCTS

- Reynolds Dual Shaft Mixer – RDSM
- Reynolds High Speed Disperser – RHSD
- Reynolds Low Speed Agitator – RLSA
- Reynolds Coaxial Mixer – RCM
- Reynolds Sigma Mixer – RSM
- Reynolds Ribbon Blender – RRB
- Reynolds Press-out station – RPS
- Vessels
- Turn-key systems

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