



RELIANCE INDUSTRIES

❖ MEDIUM INTENSITY MIXERS

RU SERIES



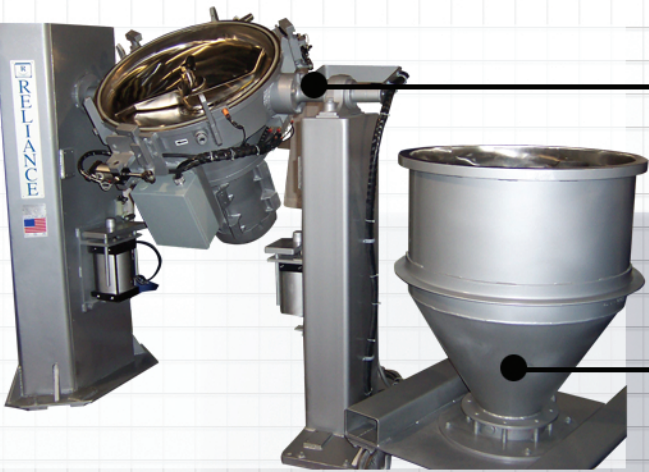
RC SERIES



VCM SERIES



RC Series



Clamps

- Pneumatically operated wedge type clamps
- Low maintenance

Hopper Lifting Mechanism

- Two pneumatic cylinders lift the hopper into a stable and supported lifting position.

Standard Features

- Air purge shaft seals
- Jacketed mixing head
- Venting device
- Controls for each operation
- Temperature sensors
- Rigid dual pedestal construction
- Variable frequency drive
- Highly polished mixing head at container

Mixer Accessories

- Dust free charging station
- Dust free discharging station
- Automated cleaning station

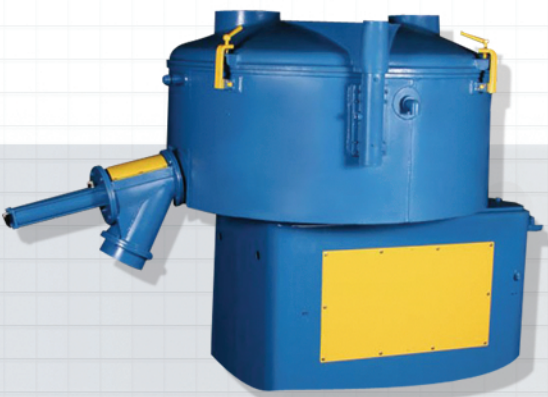
Available Options

- Touch screen controls
Allows for recipe storage. Operator simply enters recipe number/ name and all operating parameters are automatically located.
- Jacketed containers
Allows for cooling medium to circulate throughout the hopper during the mixing process.
- Dual independent drives
Each mixing tool is independently driven, allowing for infinite speed combinations.

MODEL	TOTAL CAPACITY		OPERATING CAPACITY		BATCH SIZE**		MOTOR HP	
	LITERS	CU.FT.	LITERS	CU.FT.	KGS.	LBS.	TOP TOOL	BOTTOM TOOL
RC-10	10	.35	8	.3	4.3	9.46	2	4
RC-40	40	1.4	32	1.1	16.5	36.3	3	5
RC-150	150	5.3	120	4.24	61.5	135.3	4	10
RC-300	300	10.6	240	8.48	123	270.6	7.5	10
RC-600	600	21.1	480	17	246	541.2	15	20
RC-1000	1000	35.3	800	28.3	410	902	20	40
RC-2000	2000	70.6	1600	56.6	820	1804	30	50

**Batch size and HP requirements may vary with the bulk density (32 lbs./cu.ft. used for tables)

VCM Series
Vertical Cooler Mixers



Standard Features

- Jacketed for circulation of cooling media
- Air purge shaft seals
- Lid openings as per customer’s requirements
- Highly polished interior for easy cleaning
- Contoured discharge chute

Available Options

- Cooling cone
- Chopper assemblies
- Tungsten Carbide spray
- Heavy duty drive for double batching
- Various tool designs
- Automatic or Manual Controls

MODEL	TOTAL CAPACITY		OPERATING CAPACITY		BATCH SIZE**		MOTOR SIZE**
	LITERS	CU.FT.	LITERS	CU.FT.	KGS	LBS	H.P.
VCM-25	27.6	1.0	9.7	0.3	4.9	10.9	1.0
VCM-85	85.9	3.0	30.1	1.1	15.3	33.8	4.0
VCM-150	149.6	5.3	52.4	1.8	26.7	58.8	5.0
VCM-350	350.0	12.3	122.5	4.3	62.5	137.5	10.0
VCM-650	672.8	23.6	235.5	8.3	120.2	264.4	15.0
VCM-1050	1053.5	37.0	368.7	12.9	188.2	414.0	20.0
VCM-1750	1787.8	62.7	625.7	22.0	319.4	702.6	30.0
VCM-2220	2158.2	75.7	755.4	26.5	385.5	848.1	40.0
VCM-3000	3072.2	107.8	1075.3	37.7	548.8	1207.3	60.0
VCM-3600	3727.4	130.8	1304.6	45.8	665.8	1464.8	60.0

**Batch size and HP requirements may vary with the bulk density (32 lbs./cu.ft. used for tables)

RU Series
Medium Intensity Mixers



Standard Features

- Air purge shaft seals
- Streamlined tool design
- Highly polished interior for easy cleaning
- Contoured discharge gate

Available Options

- Cooling/Heating jacket
- Chopper assemblies
- Explosion proof design
- Automatic or Manual controls
- Nitrogen blanket
- Various options for drive

MODEL	TOTAL CAPACITY		OPERATING CAPACITY		BATCH SIZE**		MOTOR SIZE**
	LITERS	CU.FT.	LITERS	CU.FT.	KGS	LBS	H.P.
RU-25	25.0	0.9	20.0	0.7	10.0	22.0	1.0
RU-100	100.0	3.5	80.0	2.8	40.0	88.0	5.0
RU-200	200.0	7.1	160.0	5.6	80.0	176.0	10.0
RU-350	350.0	12.4	280.0	9.9	140.0	308.0	15.0
RU-500	500.0	17.7	400.0	14.1	200.0	440.0	20.0
RU-1000	1000.0	35.4	800.0	28.2	400.0	880.0	40.0
RU-1750	1750.0	61.8	1400.0	49.4	750.0	1650.0	60.0
RU-2400	2400.0	84.8	1920.0	67.8	960.0	2112.0	100.0

**Batch size and HP requirements may vary with the bulk density (32 lbs./cu.ft. used for tables)



GENERAL APPLICATION	INDUSTRY
<ul style="list-style-type: none"> • Homogenized & Heated Mixing • Drying & Degassing • Fusing • Surface Coloring • Densifying • Agglomerating • Grinding & Pulverizing • Dissolving & Melting • Preparation of Master Batches 	<ul style="list-style-type: none"> • Plastic Processing • Powder Coating and Toner • Food and Pharmaceutical • Cosmetics • Liquid Paints • Rubber • Wood Composites • Chemical



RELIANCE INDUSTRIES

1900 FM 1092

Missouri City, Texas 77459

PH: 281-499-9926 / (800) 353-0472/ FAX: 281-499-4308

www.reliancemixers.com

EMAIL: sales@reliancemixers.com