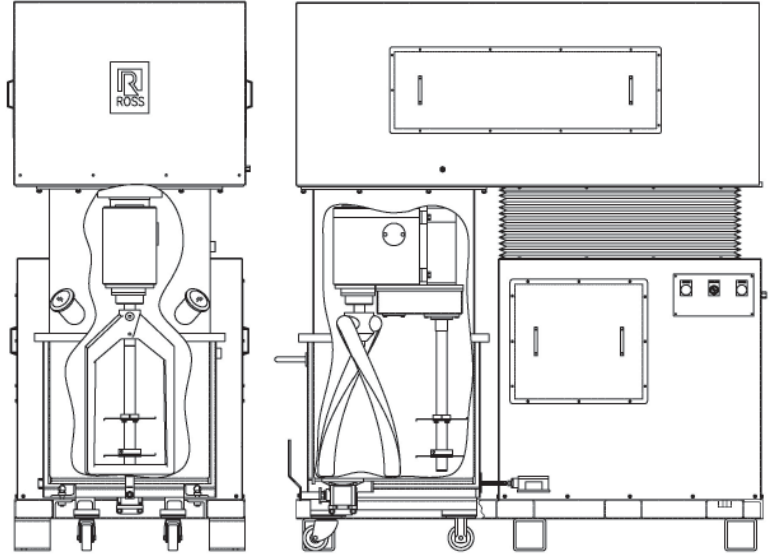


PowerMix (PDM 10-750) Specifications and Dimensions

STANDARD FEATURES:

- Change can design
- Air/oil hydraulic lift for lowering and raising agitators to and from the mixing position
- Rectangular Stirrer and High Speed Disperser
- Agitator drive components and lift system are fully sheathed
- Stainless steel type 304 wetted parts, 80 grit polish
- Non-stainless steel components are finished with a durable two-part epoxy coating
- Totally Enclosed Fan Cooled (TEFC) motors designed for 230/460V, 3ph, 50/60Hz
- Heavy-duty carbon steel gearbox with special gearing
- Safety limit switches prevent operation of the mixer when the vessel or agitators are not in the mixing position.
- Mixer cover is easily removed providing access to upper gearbox area for simple maintenance and cleaning



AVAILABLE OPTIONS:

- Full vacuum design
- Wetted parts of stainless steel type 316, Hastelloy or other special alloys
- Sanitary design with special seals, polishes, connections and stainless steel mixer sheathing
- High Viscosity "HV" blade in lieu of rectangular stirrer, chopper blade in lieu of disperser, and other custom agitators
- Sidewall and bottom scrapers with replaceable Teflon blades
- Internal pressure capability
- Explosion-proof motors, special voltages and frequencies
- Sight/charge ports, inlet/outlet nozzles and flush tank discharge valves
- Temperature probes, pressure transducers and other sensors
- Jacketed mix vessel for heating and/or cooling
- Internally-machined mix vessel for use with a Ross Discharge System
- Variable frequency drives, explosion-proof operator stations and PLC Recipe Controls
- Vacuum pump, heater, chiller and other auxilliary equipment

Model	Mixing Capacity Gallons	Planetary			Disperser		Raised Overall Height in	Lowered Overall Height in	Overall Width in	Overall Length in	Mix Vessel Overall Height in	Mix Vessel Inner Diameter in	Mix Vessel Depth in	Weight lbs
		HP	Orbital RPM	Stirrer RPM	HP	Stirrer RPM								
PDM-10	4 - 12	3	24	35	3 - 7.5	2,450	80	65	32.5	65	16.3	18	13.5	2,500
PDM-25	10 - 25	7.5 - 10	18	20	10 - 15	1,850	109	86	35.5	74	25.4	25	16	4,200
PDM-40	10 - 40	7.5 - 10	18	20	10 - 15	1,850	109	86	35.5	74	25.4	25	22	4,200
PDM-75	30 - 75	15 - 20	20	27	20 - 30	1,400	153	119	44	96	31.8	34.5	22.5	9,000
PDM-100	30 - 100	15 - 20	20	27	20 - 30	1,400	153	119	44	96	31.8	34.5	28.5	9,000
PDM-150	66 - 150	25	23	25	30 - 40	1,050	166	132	50	115	37	44	28	13,500
PDM-200	66 - 200	25	23	25	30 - 40	1,050	166	132	50	115	37	44	34	13,500
PDM-300	105 - 300	40	23	29	40 - 60	925	196	156	114	78	41	55.5	38	25,000
PDM-400	150 - 400	40	22	28	75	925	255	208	114	78	48	55.5	45	28,000
PDM-500	200 - 500	60	18	23	100	800	259	211	122	108	48	66	42	38,000
PDM-750	200 - 750	60	18	23	100	800	294	228	122	108	66	66	60	41,000



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