

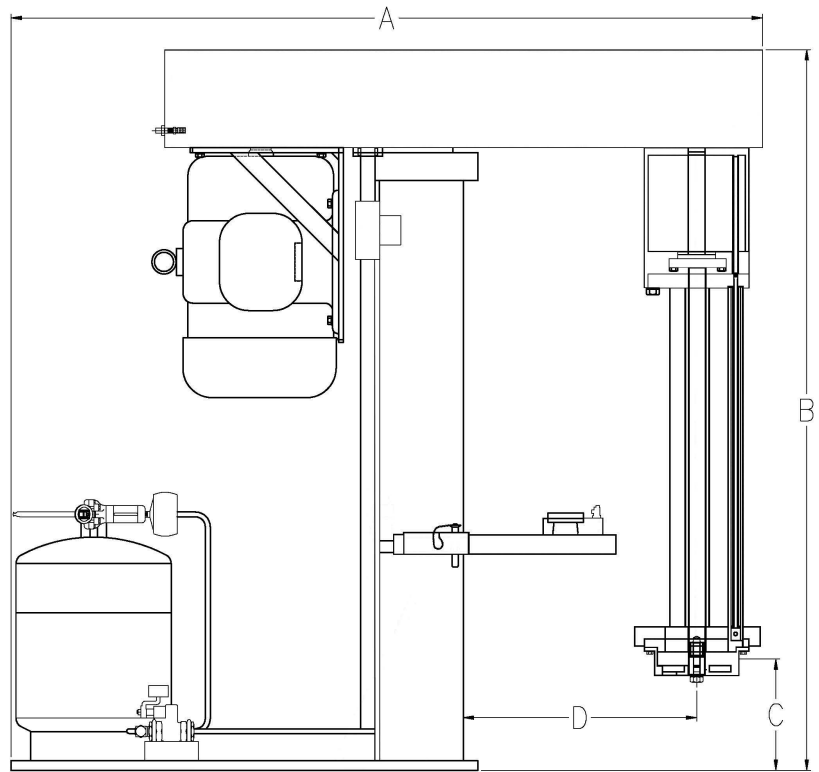
ROSS PreMax Batch Ultra-Shear Mixer Specifications and Dimensions

STANDARD FEATURES:

- 5 HP through 150 HP.
- Driven by an explosion-proof motor designed for 230/460 volt, 3 phase, 50/60 Hz
- Mixing head hydraulically raised by an air/oil hydraulic lift.
- Patented Delta rotor and stator.
- Stainless steel type 316 wetted parts polished to an 80-grit finish.
- Stellite rotor shaft bushing and shaft wear sleeve.
- All non-stainless steel external surfaces coated with a two-part acrylic urethane enamel paint.
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- All non-stainless steel external surfaces coated with a two-part acrylic urethane enamel paint.
- Clamping device to secure mix vessel.
- Safety limit switches to prevent operation of mixer while in the raised position or without a vessel in place.

AVAILABLE OPTIONS:

- Adjustable baffle plate (anti-vortex) system.
- Larger horsepower designs available.
- Disperser blade and hub attachment allowing the mixer to be used as a High Speed Disperser.
- Sanitary design with special polishes and custom enclosures.
- Tank mounted configuration.
- Custom mix vessels designed and built to desired specifications. Vacuum-rated cover with matching vessel can also be supplied.
- Controls include variable frequency drives, explosion-proof operator stations, and touch screen controls.
- Solids/Liquid Injection Manifold (SLIM) System for incorporating powders sub-surface directly into the high shear zone.



Model	HP	Shaft RPM	Rotor Diameter		Overall Length (A)		Overall Width		Overall Lowered Height (B)		Lowered Rotor Clearance (C)		Raised Rotor Clearance		Lift Rise		Shaft to Lift Distance (D)	
			in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
PM-105-D2	5	10,000	2	51	30.5	775	14.75	375	31.25	794	1.5	38	16.5	419	15	381	9	229
PM-120-D3	20	6,600	3	76	50	1,270	22	559	54.5	1,384	15.3	389	43.3	1,100	28	711	12	305
PM-130-D6	30	3,200	6	152	57	1,448	24	610	58	1,473	7	178	55	1,397	48	1,219	17	432
PM-150-D8	50	2,400	8	203	77.25	1,962	36	914	74	1,880	9	229	57	1,448	48	1,219	23	584
PM-175-D12	75	1,600	12	305	63	1,600	27	686	122	3,099	9	229	57	1,448	48	1,219	30	762
PM-1100-D14	100	1,350	14	356	Built Per Customer Requirements													
PM-1150-D16	150	1,150	16	406														



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