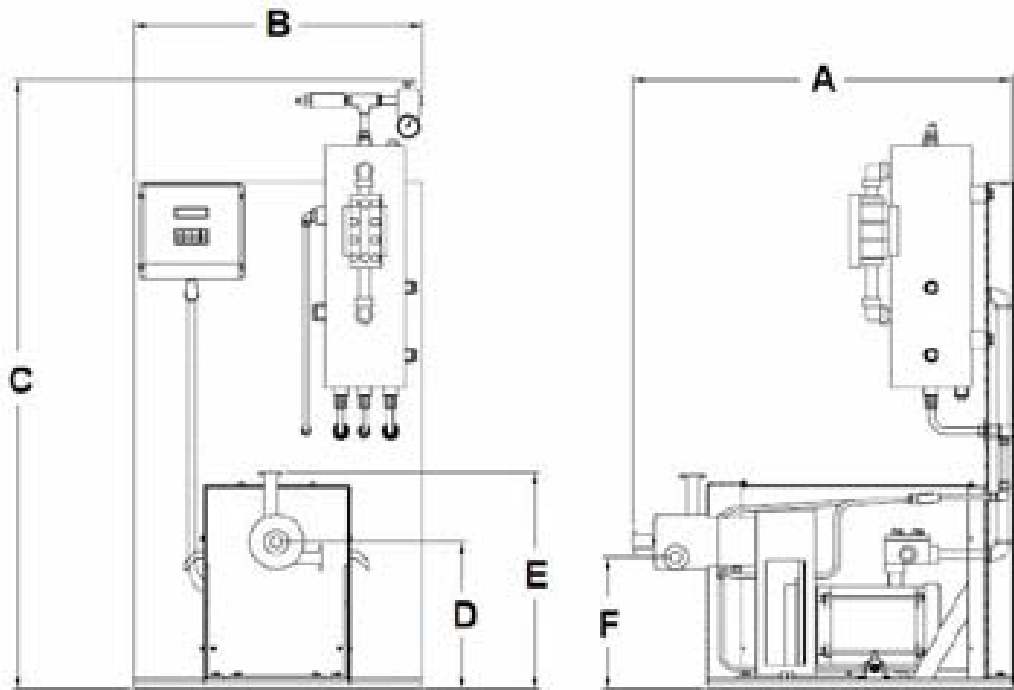


# ROSS Laboratory Inline High Shear Mixer with SLIM Model 400SC-5 Specifications and Dimensions



## STANDARD FEATURES:

- 5 HP TEFC motor designed for 230/460 volt, 3 phase, 50/60 Hz.
- One-piece inlet/large square stator and special four-blade SLIM rotor.
- Double mechanical seal with Viton elastomers and barrier system.
- Stainless steel type 316 wetted parts polished to 80-grit finish.
- Designed for bench or floor mounting.
- Non-stainless steel external parts coated with a two-part acrylic urethane enamel coating.
- 1.75-gallon stainless steel funnel.
- Tri-clover connections on inlet, outlet and SLIM (powder induction port).

## AVAILABLE OPTIONS:

- Hose and wand attachment in addition to or in place of a hopper.
- Enclosed drive design including stainless steel work area.
- Stainless steel or carbon steel bench for mounting of machine.
- Higher polishes available: 150 grit, 240 grit, or mirror.
- Jacketed mix chamber.
- Explosion-proof or stainless steel washdown motor, various voltages and frequencies.
- Controls including variable frequency drives, explosion-proof operator stations and touchscreen HMI.
- Recirculation system with vessel, piping, and valves.

Model	HP	Rotor		Connection Size			Overall Dimensions*			Distance From Ground*			Weight	Flow Rate (Water)
		RPM	Diameter	Inlet	SLIM	Outlet	Length (A)	Width (B)	Height (C)	Inlet (D)	SLIM (E)	Outlet (F)		
400SC-5	5	5,500	2"	1"	1"	1"	31.5"	23.9"	50.4"	12.2	17.9"	10.9	300 lbs	8 gpm
			50.8 mm	25.4 mm	25.4 mm	25.4 mm	800 mm	607 mm	1,280 mm	310 mm	455 mm	277 mm	136 kg	30 lpm

\*Dimensions shown are approximate and subject to change without notice due to design improvements, selected options, or supplier component substitutions.



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