

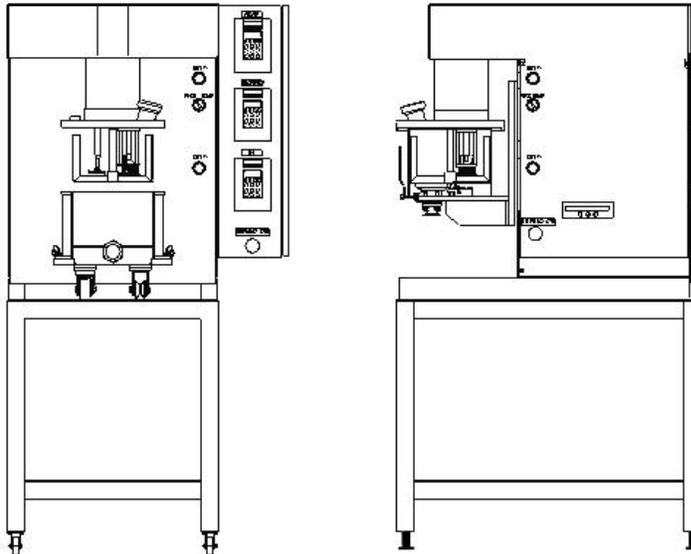
# VMC 1-4 Specifications and Dimensions

## STANDARD FEATURES

- Change can design for use with multiple mix vessels.
- Mix vessel locating and locking device.
- Vertical lift design with push button controls for raising of mix vessel to the operating position.
- Integrated base design for mounting on table top, single bench or common bench options.
- Agitator drive components and lift system are fully sheathed by the mixer enclosure.
- Wetted parts are stainless steel type 304, polished to an 80 grit finish.
- Non-stainless steel components are finished with a durable two component paint.
- Up to three independently driven agitators including an Anchor, High Speed Disperser and High Shear Rotor/Stator Mixer.
- Drive motors are explosion proof and inverter duty for use with variable speed control systems.
- Explosion proof safety limit switch to prevent operation of the agitator drives when in the mix vessel is removed from the mixing position.

## OPTIONAL FEATURES

- Wetted parts of stainless steel type 316, Hastelloy or other special alloys.
- Mixer sheathing available in polished stainless steel.
- Vacuum and/or internal pressure designs.
- Sanitary designs with special seals, polish, and sanitary connections.
- Sight ports, inlet and outlet nozzles and flush tank discharge valves are available.
- Temperature probes, pressure transducers, and other batch sensors can be included
- Mix vessels can be jacketed for heating/cooling and internally machined for use with a Ross Discharge System.
- Mixer bench available in carbon or stainless steel for mounting the Mixer and /or Discharge System.
- Control systems are available including variable speed systems and PLC based controllers.
- Complete systems can include controls, vacuum pump, heater/chiller and other auxilliary equipment.
- Custom agitators and other special features can be incorporated into the design.



Model	Mixing Capacity	Full Capacity	Anchor Speed	Anchor HP	Disperser Speed	Disperser HP	Rtr/Str Speed	Rtr/Str HP	Wt.	Mix Vessel OAH	Mix Vessel Dia	Mixer OAH	Mixer OAW	Mixer OAL
VMC-1	2-1/2 Pt- 3-1/2 Pt	1 Gal	16-160	1/2	1000-10,000	1	1000-10,000	1	1000	6 1/2	8 1/4	65	33	36
VMC-2	1 Gal- 1-1/2 Gal	2 Gal	14-140	1/2	1000-10,000	1	1000-10,000	1	1000	7 5/8	9 5/8	65	33	36
VMC-4	3 Gal- 4 Gal	5-1/4 Gal	10-100	1	660-6,600	2	660-6,600	2	1200	9 5/8	14	68	33	36

All dimensions are in inches

VMC4 0301



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