



• 49175 WEST ROAD • P.O. BOX 930302 • WIXOM, MICHIGAN 48393 • PH. (248) 912-1970 • FAX (248) 912-1971 •
• Website: www.fluidautomation.com • E-mail: sales@fluidautomation.com •

MODEL M4-55-55 VARIABLE RATIO METER-MIX MACHINES

This new series of Meter-Mix machines has features needed for recent demands by LSR molders and end-users for total accountability.

At the heart of the control system are precision flow meters in the A & B material lines. These meters communicate the amount of material being pumped, allowing the PLC to modulate the pumps keeping the ratio at exactly what is programmed. This ratio of material pumped, as well as total material usage, may be transmitted from the PLC to computer SPC software.

Add to this system a color injector, along with a color flow meter, and you have programmable pigment, with documentation to prove how much pigment was added.

All the meters may be periodically calibrated by usual lab methods, easing the job of quality control personnel.



Control Features

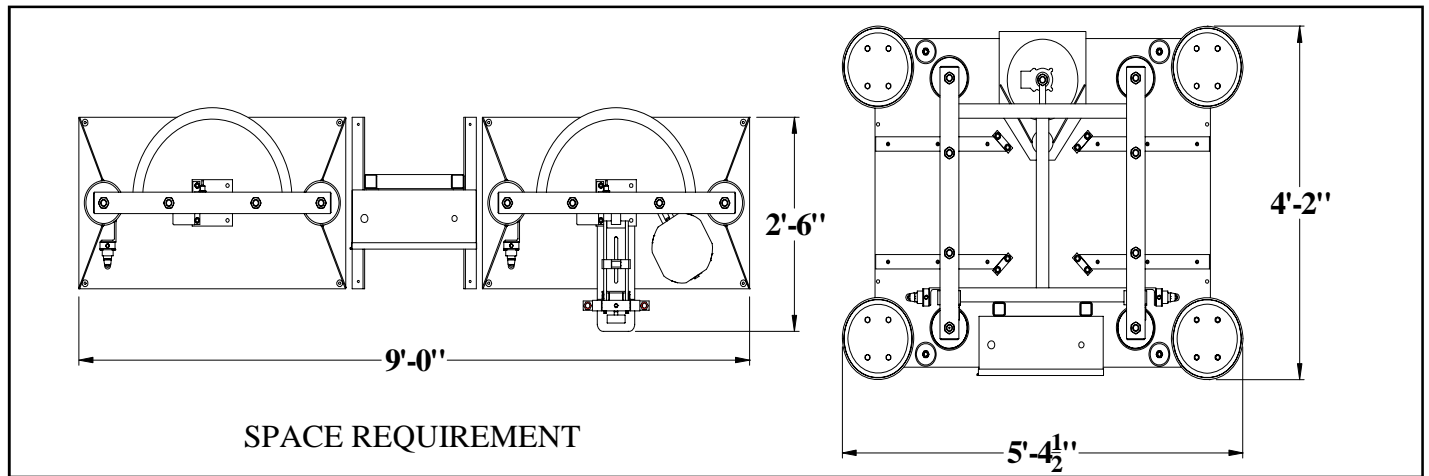
- 256 Color Touch Screen.
- 20-Minute & 20-Hour Trending Graph Of A-B Ratio.
- Programmable pigment percent.
- Pigment meter for detection of a no-flow condition or off ratio correction.

Mechanical Features

- Air operated A & B shutoff valves at the fluid manifolds eliminate the need for a shutoff valve in the mixed material stream.
- Drum rams are powerful 6" bore, combined with tapered follow plates provide fast priming.
- A new drum blow-off circuit provides fast, safe removal of empty drums.
- New design carbide seated A & B pumps operate trouble free with the most abrasive compounds.
- Highly accurate and dependable pigment metering injectors.

MACHINE SPECIFICATIONS

VISCOSITY RANGE: _____	50 THOUSAND TO 3 MIL. CENTIPOISE
FLOW RATE: _____	0 TO 5 lb./min @ 500,000 CENTIPOISE
MAXIMUM OUTPUT PRESSURE: _____	4,200 psi (285 bar)
RATIO RANGE: _____	1:1 TO 2:1 ADJUSTABLE IN 1% INCREMENTS
PIGMENT RATIO RANGE : _____	.2 TO 10 PERCENT
SECOND COLOR FOR FOURTH STREAM: _____	AVAILABLE
AIR REQUIREMENT: _____	10 CFM @ 80 PSI (MAXIMUM 100 PSI)
POWER REQUIREMENT: _____	115 VAC, SINGLE PHASE, 60 CYCLE, 5 AMP.
WEIGHT: _____	2,000 POUNDS (909 KILOGRAMS)
HEIGHT REQUIREMENT RETRACTED: _____	64 in. (163 cm.) FOR STANDARD 66 in. (168 cm.) FOR LOW RIDER STYLE
HEIGHT REQUIREMENT EXTENDED: _____	101 in. (257 cm.) FOR STANDARD 103 in. (262 cm.) FOR LOW RIDER STYLE



OPTIONAL ACCESSORIES

- SA912** 5-Gallon O-Ring Follow Plate Assembly
- SA921-G** Material Pressure Regulator w/ Isolated Pressure Gauge
- SA925** 3-Screen Material Filter Pack
- SK507** Low-Rider Frame w/ Castor Wheels and Leveling Pads
- SN751** Color Injector For Colorant or Silicone Fluids
- ST802** 3-Quart Color Feed Tank
- ST830** 3-Gallon Color Feed Tank
- SK540** 10-Gallon Color Feed Tank



Manifold, Water Cooled Static Mixer and Material Shutoff Valves Are Included With Machine Order.