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MODEL E4 & CE4-55-55 VARIABLE RATIO METER-MIX MACHINES

First conceived in the early 1990's, this Meter-Mix dispensing system uses proven technology for any injection molding need. The system is designed with six inch pneumatic ram assemblies to work with all ranges of LSR materials. Six inch diameter air cylinders drive each pump producing up to 4000 PSI material outlet pressure. The Siemens PLC controlled machine has six user selectable modes to choose from on the 256-color touch screen display.

Available Mode Selections:

- **Meter Mode** - Uses the operator selected ratio to control the machine output.
- **Closed-Loop Mode** - Monitors material usage data provided by measuring devices and automatically adjusts ratio +/- 5% to minimize material waste.
- **A-Only & B-Only Modes** - Runs the selected pump by itself for purging and priming purposes.
- **Transfer Mode** - Operates both pumps independently. Capable of feeding a "Transfer & Meter" type machine.
- **Shot Size Mode** - Dispenses a selectable amount of material then shuts off. This feature is used to fill transfer pots.

The system is designed to use either a slave driven 3rd stream pump or a SN751 Color Injector to add pigments, oils and other additives. Abrasive resistant pump design makes this the ideal machine to use with oil resistant, fuel resistant and fluorosilicone materials.



CE4-55-55M Shown With SK507 Low-Rider Option

E4-55 FEATURES

- 5 or 55-Gallon Follow Plates
- Individual Pump Drive Cylinders
- Low Material Level Sensors
- 6 User Selectable Modes Of Operation
- PLC Controller With 256 Color Touch Screen
- Keypad Selectable Ratio Adjustments in 1% Increments
- 3rd Stream Components Metering
- High and Low Pigment Pressure Sensors (CE4 Option Only)

SPECIAL OPTIONS

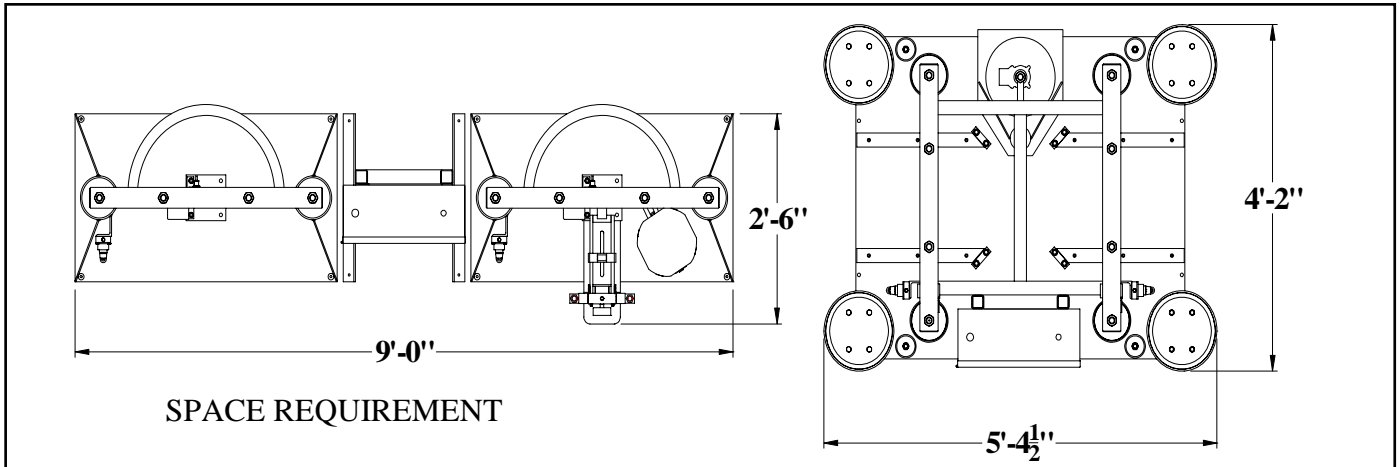
- Additional Fourth Stream Metering For Oils Or Pigments
- B240 Pumps For Greater Flow Rate
- Closed-Loop Automatic Ratio Adjustment Controls
- Pail Girdles For Higher Durometer Materials
- Low Rider Frame And Castor Assembly (SHOWN ABOVE)
- Panel Mounted Printer
- Double O-Ring 5-Gallon Follow Plates For Very Thin Materials
- Scalable Static Mixer Sizing Available To Ensure Proper Mixing.

RECOMMENDED ACCESSORIES

SA916 Interface Shutoff Valve, SA921 Material Pressure Regulator, SA925 Material Screen Pack, SM3XX Static Mixer Water Cooling Jacket

MACHINE SPECIFICATIONS

Viscosity Range: _____	50,000 To 5,000,000 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 Slave Pump Style: _____	1 To 5 Percent
Pigment Ratio Range Special Slave Pump Style: _____	UP TO 40 Percent
Pigment Ratio Range Color Injector Style: _____	.2% and Up
Air Requirements: _____	10 CFM @ 80 PSI (Maximum 100 PSI)
Power Requirements: _____	115 VAC, Single Phase, 60 Cycle, 5 AMP.
Weight: _____	2,000 Pounds (909 Kilograms)
Height Requirement Retracted: _____	64 in. (163 cm.) Standard Frame Style 66 in. (168 cm.) Low Rider Frame Style
Height Requirement Extended: _____	101 in. (257 cm.) Standard Frame Style 103 in. (262 cm.) Low Rider Frame Style



OPTIONAL ACCESSORIES

Third & Fourth Stream Slave Driven Component Pumps
 SK50X Quick Color Change Kits (X Part # depends on size and model of machine)
 SK506 Closed-Loop Automatic Ratio Control
 SK507 Low Rider Base Frame With Castor Wheels (Shown on Front)
 SR68X Color Feed Modules - Available in 5 or 55-Gallon Styles
 SA912 Tapered 5-Gallon O-Ring Follow Plate Assemblies
 SA916 Material Interface Shutoff Valve
 SA916002 External Cooling Plates For SA916
 SM300002 Water Jacket for 1" O.D. Static Mixer
 SA921 Material Pressure Regulator
 SA925 Material 3-Screen Filter Pack
 SA932 Water Cooled A-B-C Manifold Block



Hoses, Manifold Assembly and Static Mixer Are Included With Machine Purchase