

FOUNDERS SPRAY MACHINE

The Founders Spray Machine will add a unique blend of colors and patterns to the face of concrete products. Creating these "value-added" products allows you to tap into new markets and increase profitability.



The Founders Spray Machine enhances the appearance of concrete products.

Process

The machine sprays a liquid pigment mixture onto selected surfaces of the mold inside the concrete products machine. As the mold fills and strips, the pigment is transferred from the surface of the mold to the face of the concrete products to produce a unique, variegated color pattern. The Founders

Machine can spray onto integrally colored or uncolored units with smooth or textured faces.

The Founders Spray Machine can be programmed to store up to 10 different spray combinations. Up to three different colors of pigment can be sprayed during each combination. A limit switch activates the spray.

When the production run is complete, unused pigment can be drained from the bottom of the tanks to allow the tanks to be rinsed with water. All lines and nozzles are easily cleaned with water while the Founders Spray Machine is in the manual mode.



Standard Features

- Adaptable to most concrete products machines
- Lockable adjustments
- Quick disconnects speed set-up and dismantle
- Easy clean-up
- Easily serviced pneumatic parts
- Convenient placement using a forklift
- Minimal assembly required
- Cylinder strokes are adjustable from 1" to 4-1/2" (25 mm to 114 mm)
- Stores up to 10 different spray combinations

Controls

- The Founders Spray Machine is controlled through the PanelView 300.
- Manual switches on the face of the main control panel are used to control mixer motors.
- A limit switch on the concrete products machine signals when to spray.

The system works using a code style system. The paint code screens supply the operator with the information needed to properly program the steps for a cycle. The correct color code and the steps needed for proper operation of the unit are available through the color code program. The paint spraying timer screen allows the amount of spraying time in each step to be adjusted.

Pigment

- Unlimited color combinations
- Pigment is held in 2 to 5 tanks.
- The spray can be liquid pigment or a mixture of pigment powder and water.
- Continuous pigment agitation



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For better viewing, all guards, safety devices and signs are not necessarily shown. Some of the equipment shown or described throughout this brochure is available at extra cost. Since the time of printing, some of the information in this brochure may have been updated; ask your Besser sales representative for details.

Besser Company reserves the right to change or improve product design and specifications without prior notice.

Specifications

Production Rate

- Designed to cycle with the concrete products machine

Dimensions/Weight

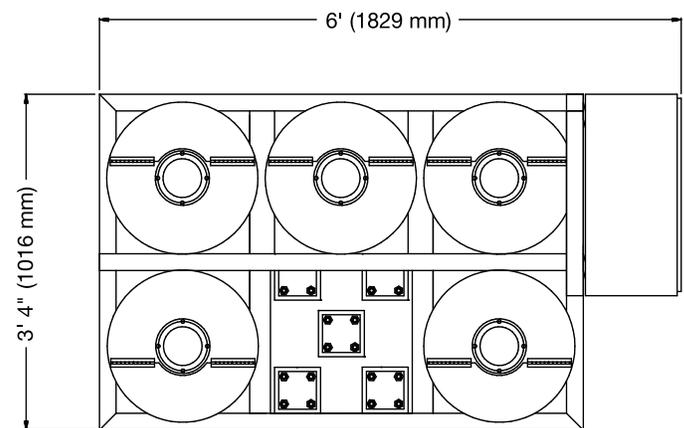
- Width: 3' 4" (1016 mm)
- Height: 5' 1" (1549 mm)
- Length: 6' (1829 mm)
- Empty Weight: 1200 lbs (540 kg)

Voltages

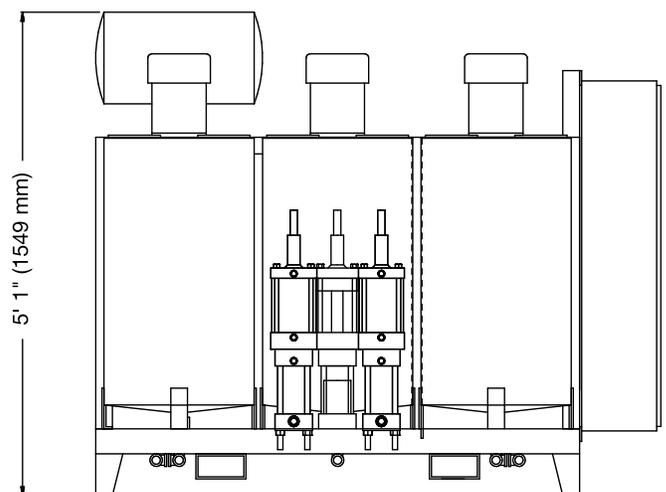
- 220 or 460 V., 60 Hertz
(other voltages are available)

Air Supply

- 90 - 100 psi



Top View



Front View

Cover photo taken at the World Center for Concrete Technology, Alpena, Michigan.