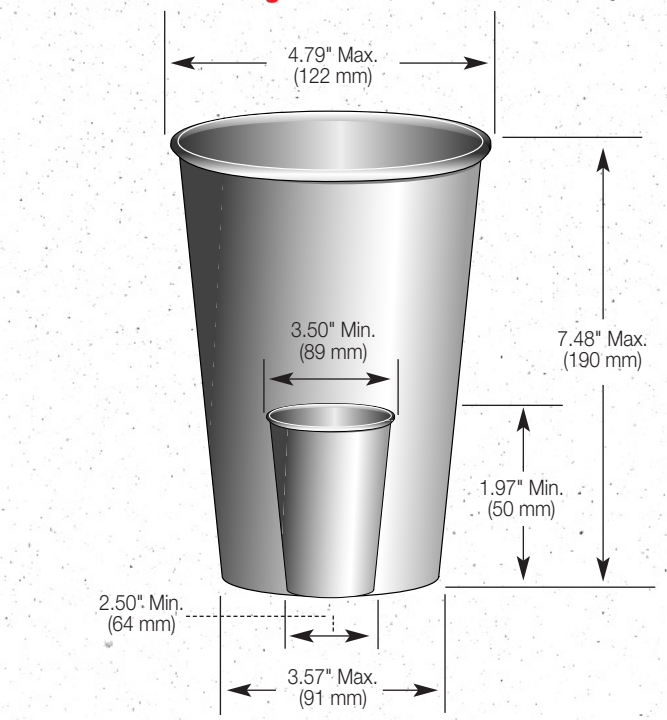
The PMC 1250 Paper Cup Machine

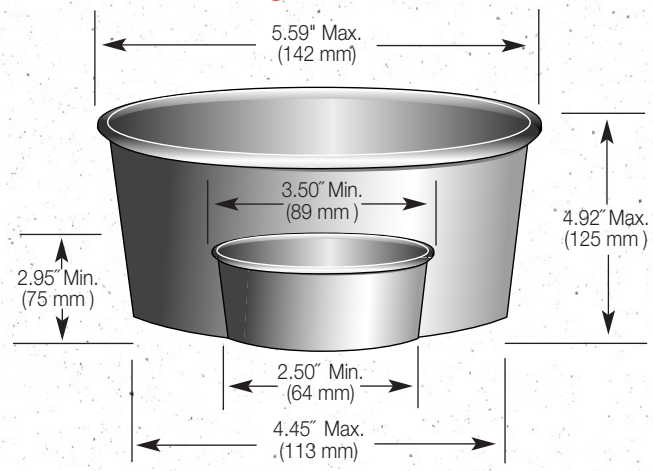
Designed for high-speed forming of single-wrap, two-piece, hot or cold service cups across a broad range of sizes.

Highly Refined PMC Engineering...	Ensures Flexible, Dependable, Cost-Efficient Performance
• Transfer Turret	Provides better blank control
• Heavy Duty	Non-stop production and long machine life
• Flameless Hot Air Sealing System	Eliminates burnt, scorched edges
• Quick-Change Tooling	Maximizes uptime
• Engineered Materials, Castings & Coatings	Extend lifetime of machine components to reduce mechanical failures and increase production reliability
• Variety of In-Feed Options	Include in-line printing, preprinted roll feed or preprinted blank feed
• Cycle Start/Stop	Reduces waste during breaks in downstream demand or upstream supply
Special Design Options...	**Accommodates Changing Production Needs**
• Lid Groove	Accommodates snap-in lids
• PLC Controls	Permit use of touch screen MMI, cycle stop and variable speed

PMC 1250 Size Range



PMC 1250X Size Range



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President's E-Star Award
Continuous Excellence in Export

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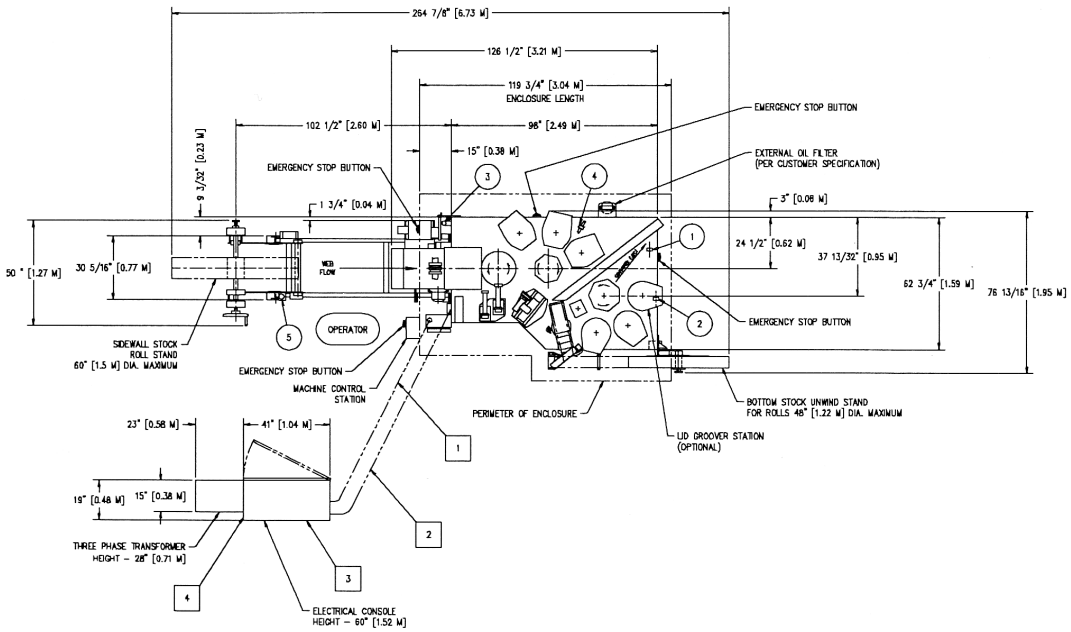

Floor Plan

Paper Stock

The PMC 1250 is designed to form Fourdrinier paper cup stock of bleached white sulphate with minimum cross grain stretch of 3%, low ash content (less than 1%), and high bond-strength characteristics. The thickness and density, grams per square meter (GMS) or basis ream weight (BRW), of the stock required is determined by the type and size of the cup or container to be produced.

Coatings and Adhesives

HEAT SEAL COATINGS

Cup stock intended for heat seal processing must be coated with low-density, heat-sealable polyethylene. The caliper or poly weight, in gr/m^2, (lbs./ream), is determined by the type of cup or container to be formed.

Basic standards for paperboard up to 0.40 mm (.016") thick is 18 gr/m^2 (10.8 BRW) on one or both sides. For bottom stock, 18 gr/m^2 (10.8 BRW) on the inside. Poly coating optional on the outside.

ADHESIVES

Adhesives must be selected to conform with the PMC patented glue application system and the sealing characteristics of the selected sidewall and bottom stock.

Supporting Technical Information

Installation floor plan, assembly drawings, electrical diagrams, parts list and maintenance and operation instruction manuals are furnished with the machine.

Machine Weight

Roll feed or blank feed 6,000 kg (13,300 lbs.) approx.
Note: See printer specifications for weight with number of color decks specified.

Service Requirements

Electrical	Compressed Air*	Machine Vacuum*	Add Vacuum* for Blank Feeder	Water
50 kVA 3 PH @ 50 or 60 HZ	125 ft^3/min @ 80 lb/$inch^2$ or 0.060 m^3/sec @ 5.6 kg/cm^2	35 ft^3/min @ 18 inches Hg or 0.017 m^3/sec @ 0.62 kg/cm^2	75 ft^3/min @ 18 inches Hg or 0.036 m^3/sec @ 0.62 kg/cm^2	0.5 gal/min @ 20 lb/$inch^2$ or 1.9 liter/min @ 1.4 g/cm^2

*Volume flow rates listed are flow rates at standard conditions, 1.0 atmosphere and 68º F.

Specification #304, date: 2/1/04

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The PMC 1250 Paper Cup Machine

The efficient way to form cups in a full range of popular sizes – at production speeds that meet today's high volume demands.

- Production speeds of up to165 cpm
- High efficiency and uptime
- Roll feed or blank feed options
- In-line printing option
- Solid-state PLC controls

Offering an expanded size range:

- 4 oz. to 46 oz.
- 75 ml to 1250 ml

With a variety of forming options:

- Lid groove
- Elongated top rim
- Short, squat containers
- Large-mouth containers
- Tall drinking cups

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