



**PAPER
MACHINERY
CORPORATION**

PRODUCT CATALOG

■ INNOVATING FORMING TECHNOLOGY SINCE 1951

8900 West Bradley Road
Milwaukee, WI 53224 USA

contact@papermc.com
PAPERMC.COM

Driven *By Innovation*

A tradition of innovation inspires Paper Machinery Corporation (PMC), whether it's improving current machines or inventing an entirely new generation of paper cup and container forming machinery. Machines are built to order, configured and equipped according to each customer's specifications.

All stages of the manufacturing process are completed inside PMC's facility. Exacting craftsmanship goes into every PMC component. Uncompromising quality assures high performance throughout the long life cycle of a PMC machine.

TABLE OF CONTENTS

04	Servo Machines
08	Mechanical Machines
10	Overwrap Series
12	Paper Lid Machines
14	Lid Stacking Machines
15	Blank Die Cutting Machine
16	Thermoforming Machine
18	Edge Protection, Flat Rim
20	Company Overview
24	Machine Floor Plans
32	Utility Requirements

HIGH-SPEED PRODUCTION SERVO DRIVEN

PMC 2001S



MACHINE SPECIFICATIONS

Speed

Up to 240 cups/containers per minute

Size Range

4 oz - 22 oz (120 ml - 650 ml)

Approx. Machine Weight

13,500 lbs (6,124 kg)

Materials

Cups and containers are formed from preprinted die-cut sidewall blanks and web-fed bottom stock.

KEY POINTS

Forms tapered or straight wall, round paperboard cups and containers.

A simplified servo design that reduces maintenance time and lessens replacement part costs.

Quick tool changes improve production flexibility.

OPTIONAL EQUIPMENT

Diverter with Hole Detect

Lid Groove Station

Rimming - Hot Head & Spinning

Flat Rim

Edge Protection



MAXIMUM FLEXIBILITY

PMC 2500S



MACHINE SPECIFICATIONS

Speed Up to 170 cups/containers per minute

Size Range 4 oz - 46 oz (120 ml - 1,360 ml)

Approx. Machine Weight 14,000 lbs (6,350 kg)

Materials Cups and containers are formed from preprinted die-cut sidewall blanks and web-fed bottom stock.

KEY POINTS

Forms tapered or straight wall, round paper board cups and containers.

A simplified servo design that reduces maintenance time and lessens replacement part costs.

Quick tool changes improve production flexibility.

OPTIONAL EQUIPMENT

Diverter with Hole Detect

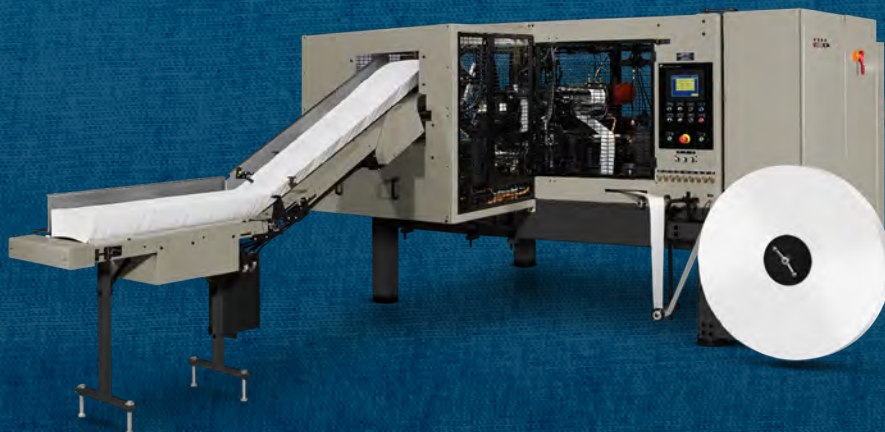
Lid Groove Station

Rimming - Hot Head & Spinning

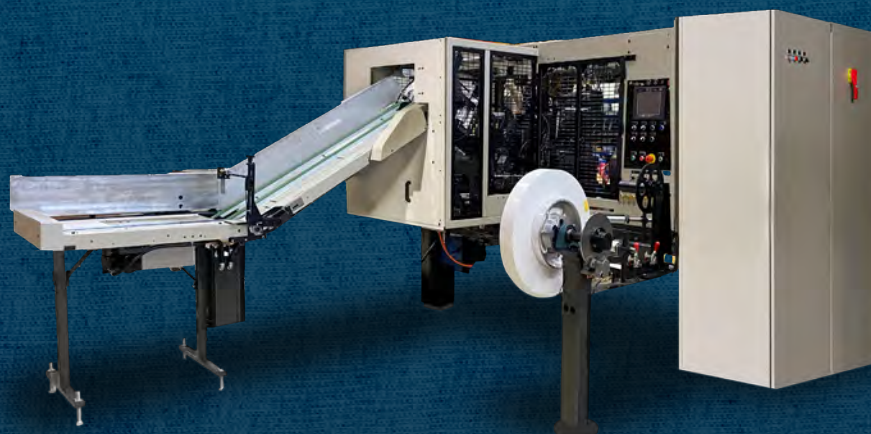


ALL NEW
2600S SERIES

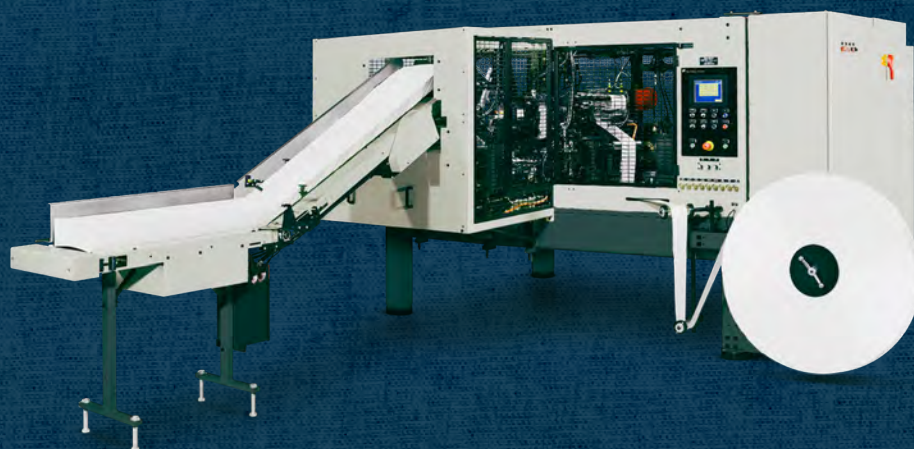
**PMC
2600S**



**PMC
2601S**



**PMC
2600S NR**



SERVO-DRIVEN MACHINES

PMC 2600S MACHINE SPECIFICATIONS

Size Range	4 oz - 48 oz (120 ml - 1,419 ml)
Speed	Up to 210 containers per minute
Type	Round
Weight	14,000 lbs (6,350 kg)

PMC 2601S MACHINE SPECIFICATIONS

Size Range	4 oz - 48 oz (120 ml - 1,419 ml)
Speed	Up to 210 containers per minute
Type	Flat Bottom
Weight	14,000 lbs (6,350 kg)

PMC 2600S NR MACHINE SPECIFICATIONS

Size Range	4 oz - 48 oz (120 ml - 1,419 ml)
Speed	Up to 200 containers per minute
Type	Non-Round
Weight	14,000 lbs (6,350 kg)

KEY POINTS

PMC Automation Compatible

2 Axis Bottom Maker

HMI Upgrades

LED Lighting

Quick Change System

ctrlX Platform for Drives and Servos

Pre-stacker

PRECISION MEETS HIGH-SPEED

PMC 1003



MACHINE SPECIFICATIONS

Speed

Up to 330 cups/containers per minute

Size Range

3 oz - 32 oz (89 ml - 950 ml)

Approx. Machine Weight

21,500 lbs (9,752 kg)

Materials

Cups and containers are formed from preprinted die-cut sidewall blanks and web-fed bottom stock.

KEY POINTS

Efficient and high-speed machine.

The PMC 1003 is the descendant of the PMC 1001 and 1002.

Approximately 700 of this family of machines in the field.

The strength and longevity of the PMC 1003 is well known.

OPTIONAL EQUIPMENT

Diverter

Lid Groove Station

Rimming - Hot Head & Spinning

Dual Blow-Off

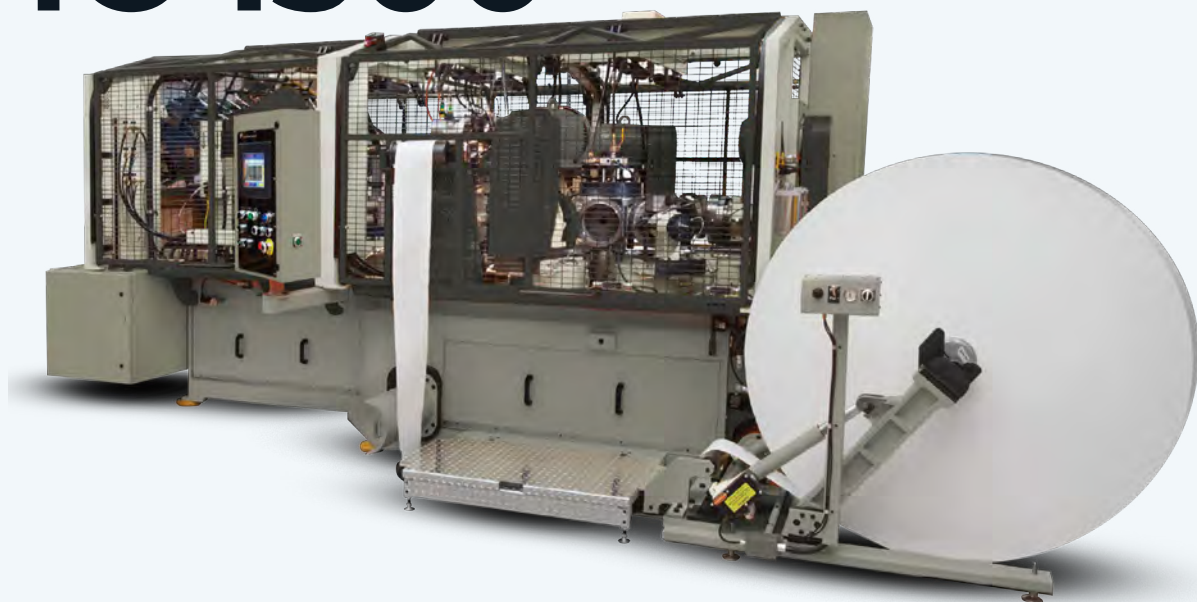
Roll Feed

Bar Code Reader



GO BIG

PMC 1300



MACHINE SPECIFICATIONS

Speed

Up to 115 cups/containers per minute

Size Range

25 oz - 145 oz (740 ml - 4,300 ml)

Approx. Machine Weight

24,000 lbs (10,886 kg)

Materials

Cups and containers are formed from preprinted die-cut sidewall blanks and web-fed bottom stock.

KEY POINTS

Capable of producing large round and non-round, tapered or straight wall containers with flat or recessed bottoms.

The optional date stamping and bar code reader ensures packages are tracked with dependable accuracy.

OPTIONAL EQUIPMENT

Lid Groove Station

Date Stamping

Bar Code Reader

Non-Round Options



SERVO-DRIVEN OVERWRAP

OW 2001S



MACHINE SPECIFICATIONS

Speed

Up to 240 cups/containers per minute

Size Range

4 oz - 22 oz (120 ml - 650 ml)

Approx. Machine Weight

10,000 lbs (4,536 kg)

Materials

Label stock or micro flute materials around paperboard and plastic containers

KEY POINTS

Has a simplified servo design that reduces maintenance time and lessens replacement part costs.

Quick tool changes improve production flexibility.

OPTIONAL EQUIPMENT

Cup Inverter

Roll Feed

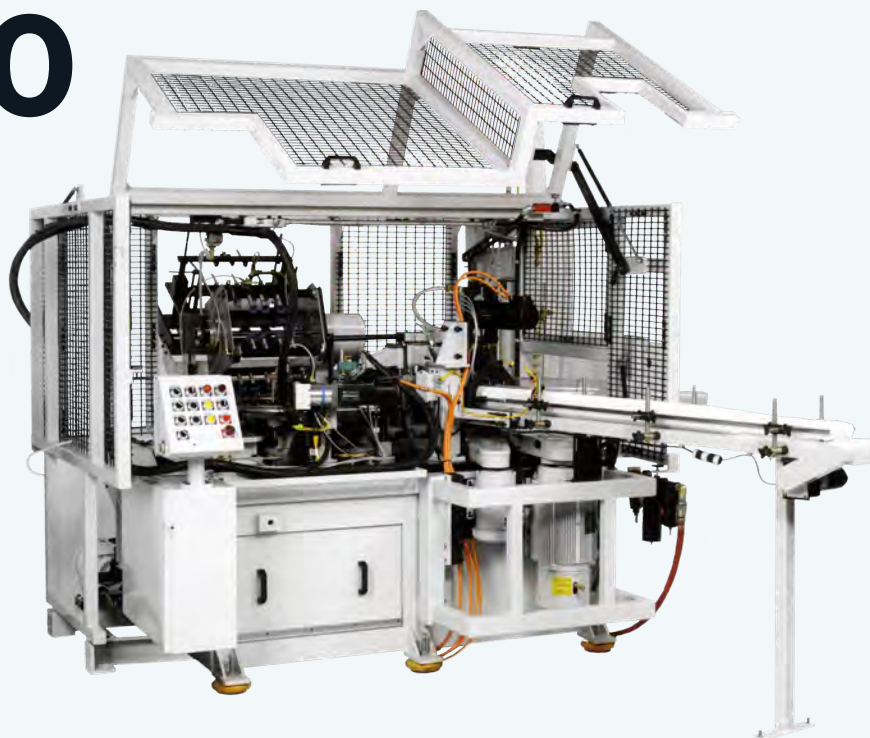
Blank Feed

Hot Melt or FHA



STRENGTH. INSULATE. BRAND.

OW 800



MACHINE SPECIFICATIONS

Speed

Up to 165 cups/containers per minute

Size Range

2.5 oz - 46 oz (75 ml - 1,350 ml)

Approx. Machine Weight

10,000 lbs (4,536 kg)

Materials

Paperboard, plastic, or foam containers that can be wrapped. Paperboard wrap can be virgin or recycled paperboard, embossed or micro flute materials in blank or web form



KEY POINTS

Supports forming double wall hot cups and food packaging.

Large size range the PMC OW 800 is a versatile machine.

Multiple configurations support a variety of overwrap designs.

OPTIONAL EQUIPMENT

Cup Inverter

Roll Feed

Blank Feed

Hot Melt or FHA

EXPANDING HORIZONS

PL 100



MACHINE SPECIFICATIONS

Speed	Up to 200 lids per minute
Round Lid Diameter	2.5 in - 5.3 in (63.5 mm - 135 mm)
Lid Height Range	0.47 in (12 mm)*
Lid Material Caliper	0.014 in - 0.020 in (350 - 500 micron)
Note	* Other lid heights available upon request.

KEY POINTS

- Forms high quality 1-piece paperboard lids.
- Forms lids for hot and cold beverages, dry goods, snack food, and eco-friendly packaging.
- Purchasing both lid and cup machine from PMC ensures coordinated support for lid fit.

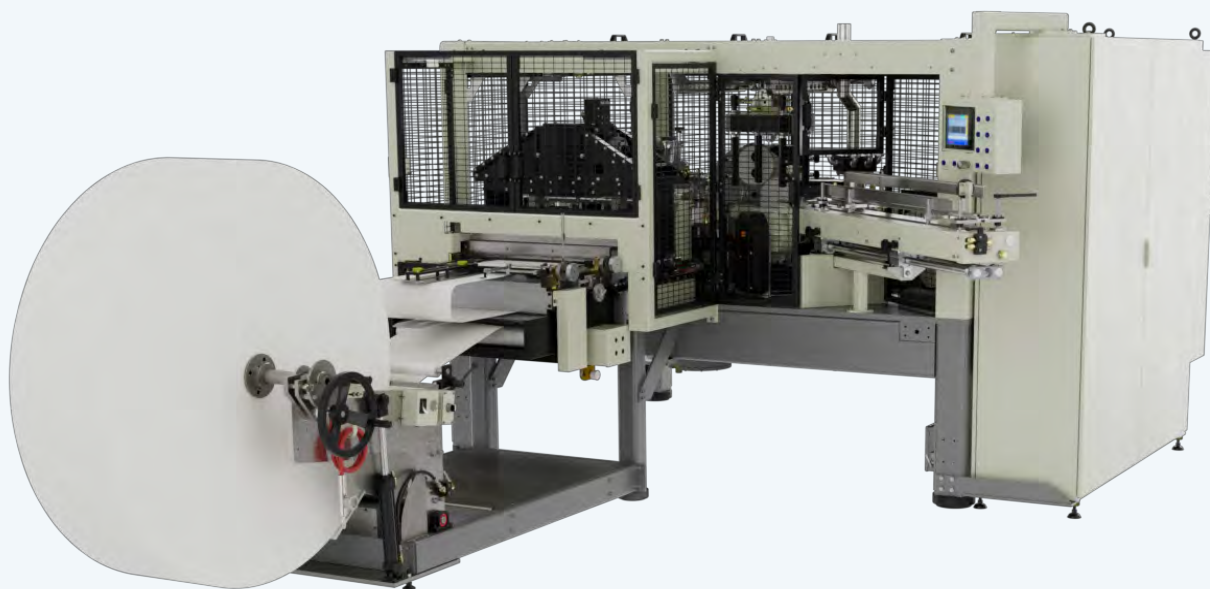
OPTIONAL EQUIPMENT

- Lid Stacker
- Stackable and Custom Embossing
- Quick Change Straw and Sip Hole



PUT A PAPER LID ON IT

PL 300



MACHINE SPECIFICATIONS

Speed

110 - 170 lids per minute
(depends on lid size, caliper,
etc.)

Lid Diameter

Round: 2.5 in - 5.3 in (63.5 mm - 135 mm) (inside lower ring in-curl)

Non-Round: 2.5 in - 7.5 in (63.5 mm - 190.5 mm) (length or width, must be rectangular)

Scround: 5.35 in (136 mm) x 7 in (177 mm)

Sidewall Ring Length

Round: 20.5 in (520.7 mm)

Non-Round: 19.64 in (498.8 mm)

Scround: 20.7 in (525.7 mm)

Top Depth

0.28 in - 16.36 in
(7 mm - 415.44 mm)

Note

* Other lid heights available upon request.

KEY POINTS

Forms high quality 2-piece paperboard lids.

Lid sidewall can offer the same print banner as the top of the lid, creating a cohesive brand identity.

Blank-fed or roll-fed infeed configurations support both offset and flexo printed material.

Can be finished with stackable edge.

OPTIONAL EQUIPMENT

Lid Stacker

Rolled, Crimped, or Smooth Lid Finished Options

Round and Non-Round

3-Piece Soup Lid with Vent Hole



LID STACKING MACHINERY

LS 100



MACHINE SPECIFICATIONS

Stack Height Lids 6.8 in - 23.6 in (175 mm - 600 mm)

Lid Diameter

Round: 2.5 in - 5.3 in (63.5 mm - 136 mm)

Non-Round: 5.35 in x 7 in (136 mm - 177 mm)

Lid Height Range 0.47 in (12 mm)*

Approx. Machine Weights

Lid Stacker: 1,100 lbs (499 kg)

Conveyor: 700 lbs (318 kg)

Electrical Cabinet: 320 lbs (145 kg)

Note

* Other lid heights available upon request.

KEY POINTS

Stacks 1-piece and 2-piece lids to a customer input stack count.

Stacks round or non-round lids.

Compatible with 3rd party equipment.

VPN connectivity exists via direct connection with lid forming machine.

MAKE THE CUT

HS 800



MACHINE SPECIFICATIONS

Speed	Up to 450 strokes per minute
Size Range	Width: 25 in - 50 in (635 mm - 1,270 mm) Diameter: 72 in (1,525 mm)
Approx. Machine Weight	25,700 lbs (11,657 kg)
Materials	Accepts paper thickness from 0.009 in to 0.024 in (0.230 mm to 0.500 mm)

KEY POINTS

Fast and flexible production of sidewall blanks for paperboard cups and containers.

Advanced servo drive provides high-speed print to cut accuracy.

A single HS 800 supports multiple high-speed cut machines.

OPTIONAL EQUIPMENT

Die Cart

Automation for Off Load of Blanks



HYDRAULIC THERMOFORMING PAPER PRESS

THERMOFORMER TP3820



THERMOFORMER DIE CART:

A safe and effortless method for installing and removing dies.

KEY POINTS

- Blank feed
- Utilizes existing printing and die cutting assets
- Produces up to 250 trays/min* (* 50 SPM, 5 lanes)
- Adjustable dwell & stroke height
- Adjustable force
- HMI touchscreen
- Capable of simultaneously making multiple sizes
- Produces trays from solid board or corrugated materials

OPTIONS

- Automatic Stacker
- Lane 4
- Lane 5
- Die Cart
- Scheduled Heating - Allows for scheduled heat-up prior to shift

MACHINE SPECIFICATIONS

Approx. Weight	9,400 lbs (4,264 kg)
Approx. Die Cart Weight	1,000 lbs (454 kg)
Control System	HMI Touchscreen
Max Depth	4 in (102 mm)
Max Stroke	14 in (355 mm)
Forming Die Orientation	Female Top
Part Eject Method	Via Draw Ring

SPECIFICATIONS

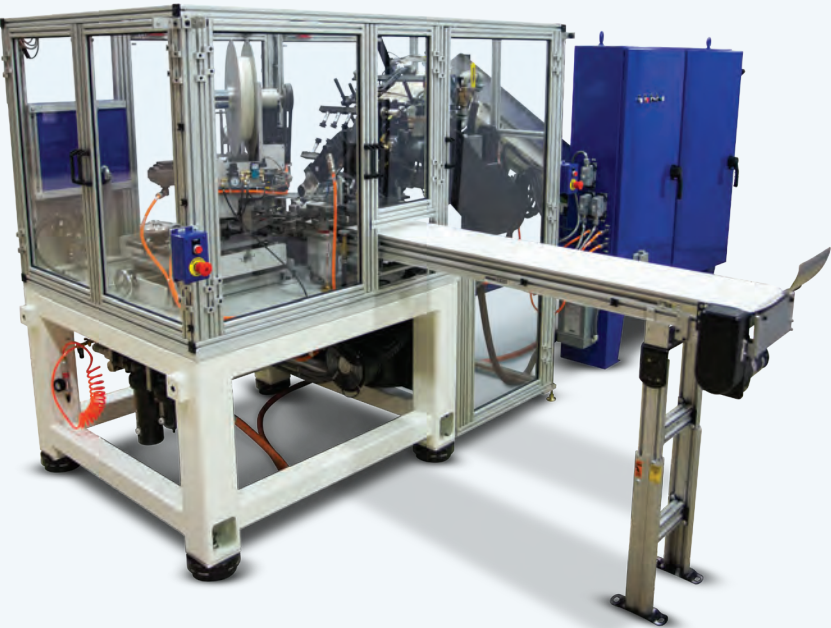
Forming Dies	3 standard (up to 5 optional)
Usable Bolster Area	38 in wide (965 mm)
Maximum Blank Size (L x W x D)	1 Up: 20 in x 27 in x 20 in (508 mm x 940 mm x 508 mm) 2 Up: 20 in x 18.5 in x 18.5 in (508 mm x 470 mm x 470 mm) 3 Up: 20 in x 11.9 in x 11.9 in (508 mm x 302 mm x 302 mm) 4 Up: 20 in x 8.5 in x 8.5 in (508 mm x 216 mm x 216 mm) 5 Up: 20 in x 6.6 in x 6.6 in (508 mm x 167 mm x 167 mm)
Hydraulic Motor	25 hp
Max Force	35,814 lbs (159.3 kN)
Die Heaters	5000w upper and 5000w lower
Feed System	Die Set Blank Fed, Pivoting Vacuum System

TRAYS PACKAGING
PLATES AND MORE

- Frozen Foods
- Fast Food
- Carry-Out
- Pizza
- Food Service
- Commercial Packaging
- Bakery Packaging
- Protective Packaging
- Agricultural Packaging
- Industrial Packaging
- Meat/Seafood
- Retail Packaging
- Health & Beauty

EDGE PROTECTION

EP 100



MACHINE SPECIFICATIONS

Speed Up to 200 blanks per minute

Volume: 4 oz - 22 oz (118 ml - 650 ml)

Size Range **Tape Length:** 1.6 in min - 6.0 in max (41 mm - 152 mm)

Sidewall Length: 13.2 in (335 mm)

Approx. Machine Weight 4,000 lbs (1,814 kg)

KEY POINTS

With a simplified mechanical design that reduces maintenance time and lessens replacement part costs.

Quick tool changes improve production flexibility.

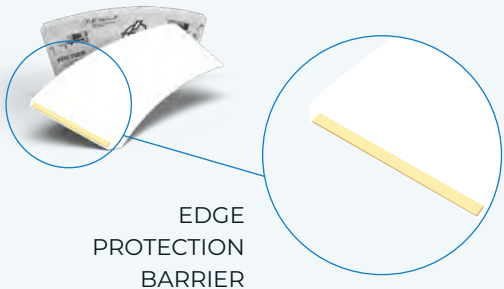
OPTIONAL EQUIPMENT

Cup Inverter

Roll Feed

Blank Feed

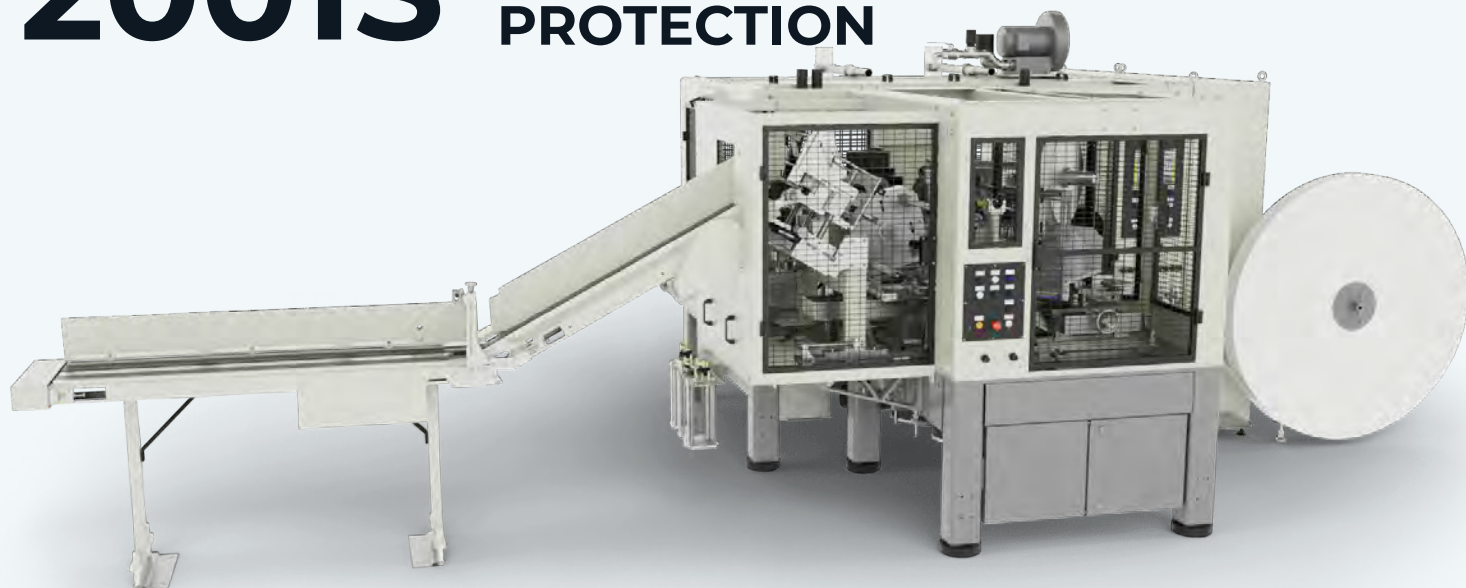
Hot Melt or FHA



EDGE
PROTECTION
BARRIER

FLAT RIM CUPS AND CONTAINERS

2001S WITH IN-LINE EDGE PROTECTION



MACHINE SPECIFICATIONS

Speed

Up to 200 cups/containers per minute

Size Range

Volume: 4 oz - 22 oz (118 ml - 650 ml)

Tape Length: 1.6 in min - 6.0 in max (41 mm - 152 mm)

Sidewall Length: 13.2 in (335 mm)

Approx. Machine Weight

16,000 lbs (7,257 kg)

KEY POINTS

Manufacturing flat-rimmed paper cups with edge-protection enhances the shelf life of dairy products.

Flat rims provide a greater surface area for membrane sealing.

Combining cup forming, edge protecting and rim flattening in one machine reduces machine footprint and labor.

OPTIONAL EQUIPMENT

Vision System Inspection of Film Placement

Bar Code Reader



Service at Every Stage

GLOBAL TECHNICAL SERVICES

At Paper Machinery Corporation, we take pride in our commitment to excellence and customer satisfaction. Our relentless pursuit of enhancing your experience has led us to establish a team and a system that is 100% focused on customer care.

Strategic Team Expansion

We have strengthened our team by adding a dedicated Field Service Manager and expanding the technician team. This strategic move empowers us to provide unparalleled support and expertise, ensuring your machinery operates at peak performance.

Parts Pricing

Embracing innovation, we've modernized our Parts Pricing strategy to deliver cost-effective solutions without compromising on quality. Our transparent pricing model ensures you get the best value for every investment in your machinery.

Enhanced Helpdesk System

Experience a seamless and efficient service process with our enhanced Helpdesk ticketing system. We've invested in technology to streamline issue resolution, providing you with faster response times and real-time updates on the status of your service requests.

COMPREHENSIVE SERVICES

Machine Startup and Commissioning

Machine Incident Evaluation and Consultation

Component/Station Rebuilds and Repairs

Tooling Changes

General Repairs

Machine Rebuilds and Refurbishing

Preventative Maintenance Inspections

General Maintenance

Preventative Maintenance Plans

Total Maintenance and Repair Agreements

Remote Diagnostics and Machine Connectivity

Technical Training

A man in a blue checkered shirt is looking at a machine part in a factory setting. The background is a blurred industrial environment with various machinery and equipment. The man is in the foreground, looking towards the right side of the frame. The machine part he is looking at is a complex, metallic component with various bolts and a circular opening.

Interactive Machine Training

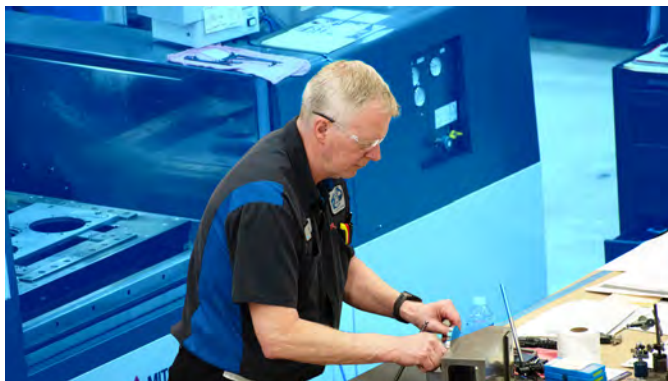
Customer training is a vital component of owning a PMC machine. Hands-on training can occur both in our dedicated classroom or at the customer's own factory. PMC encourages training customer personnel to support ownership of their machine. Machine training not only provides the standard knowledge one might need to care for and operate a machine, but also develops a relationship between the PMC trainer and customer mechanic. That relationship makes it easier for the customer to reach out for support.

World-Class *Craftsmanship*



Engineering

Every stage of manufacturing - from initial design to final testing - occurs under one roof. Skilled professionals collaborate together to continually advance PMC technology. A tradition of innovation inspires PMC, whether improving current machines or inventing an entirely new generation of paper cup and container forming machinery. Our flagship PMC 1003 redefines high-speed container forming with speeds up to 330 CPM.



Assembly & Manufacturing

PMC machines are built to order, configured and equipped according to each customer's specifications. A PMC machine is hand-assembled, with a single technician responsible for its overall manufacture and quality control. After a rigorous series of internal acceptance tests are complete, customers are invited to visit for training and machine approval. Only then is the machine ready to ship.



Leaders in Paper Forming

Recognized internationally for its leadership in forming technology, PMC has received numerous awards celebrating creativity in product design and excellence in manufacturing, including the World Trade Hall of Fame, The President's "E" Star Certificate for Exports, the AMeristar and WorldStar Package Awards, and the 2022 Wisconsin Manufacturer of the Year Award. With over 75 years and multiple generations of leadership, PMC has shown a commitment to quality innovation. With stable leadership and a clear vision of tomorrow, PMC will continue to set the standard for paper cup and container forming technology. To solidify PMC's forward-thinking philosophy, the company transitioned to 100% employee ownership in May 2016. Every PMC employee has stake in our company's and our customer's success.

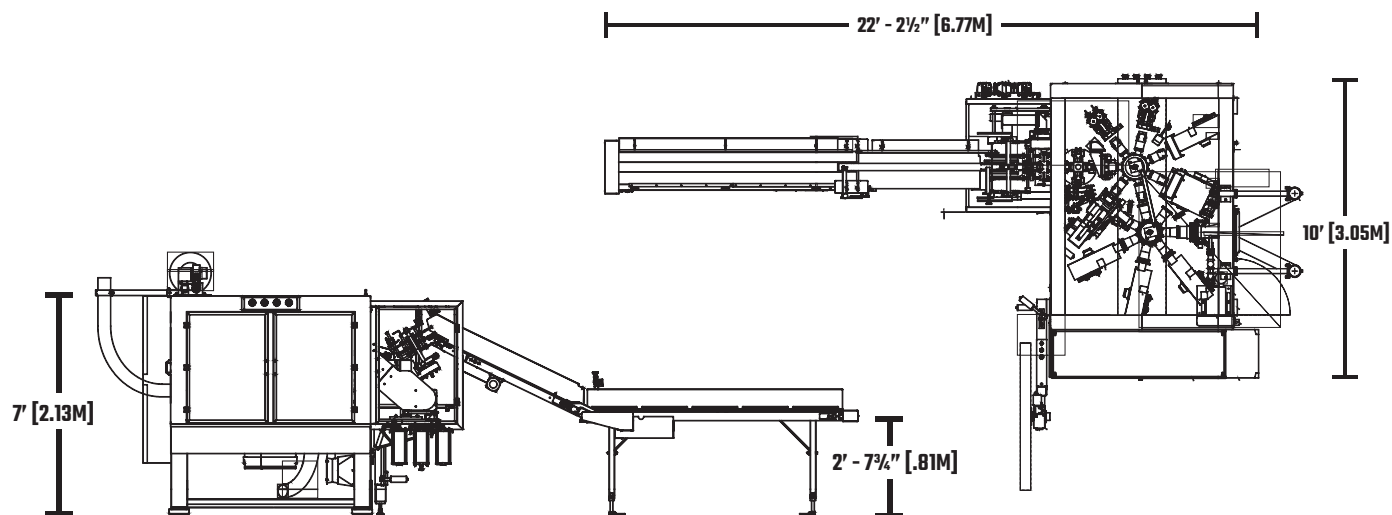


Material Development

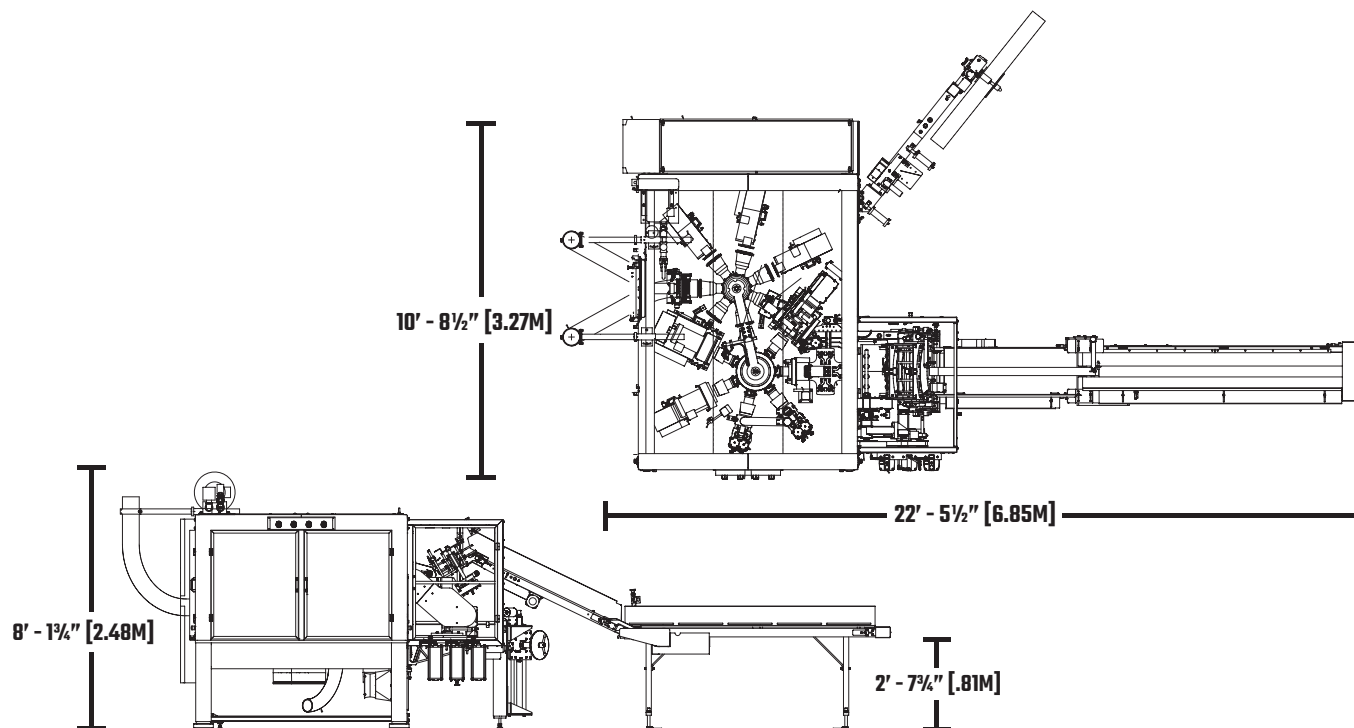
PMC is working with industry leading coating companies and paper producers to support their efforts to develop new material technologies that work well with high-speed paper cup forming machinery. Extrusion laminations and dispersion coatings have all been tested with varying degrees of success to support decomposable and biodegradable coating solutions. These solutions will help our customers meet environmental and legislative agendas around the world and help expand the use of sustainable packaging.

Machine Floor Plans

PMC 2001S

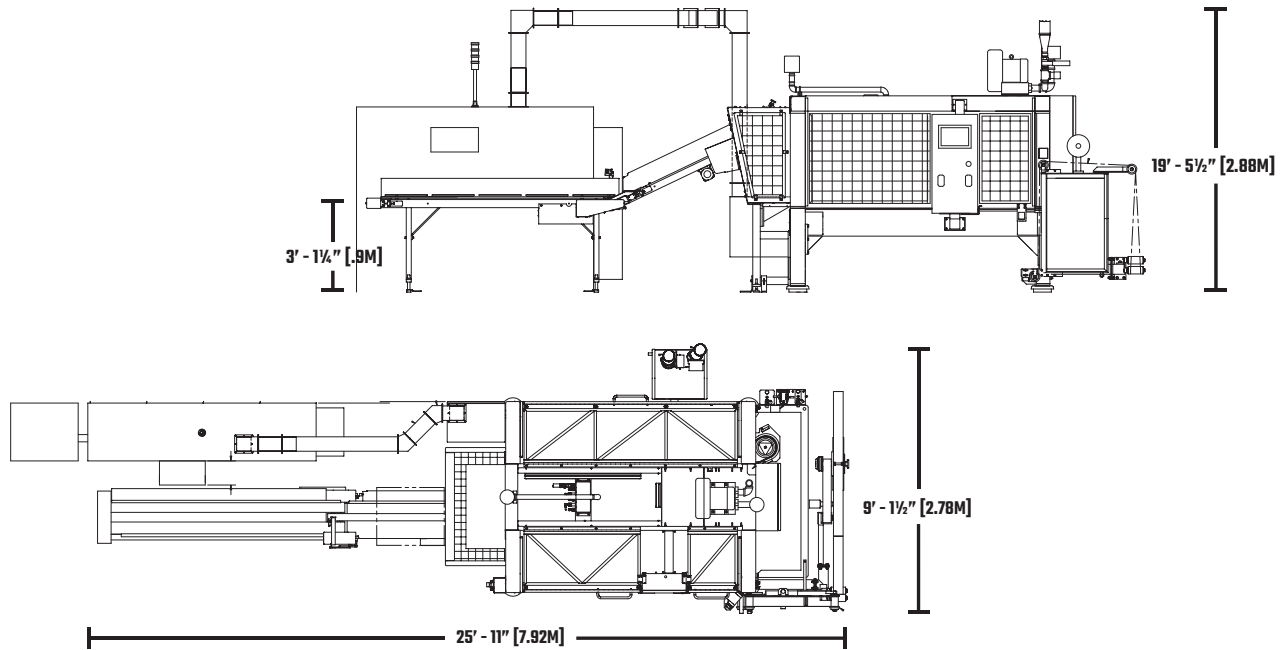


PMC 2500S

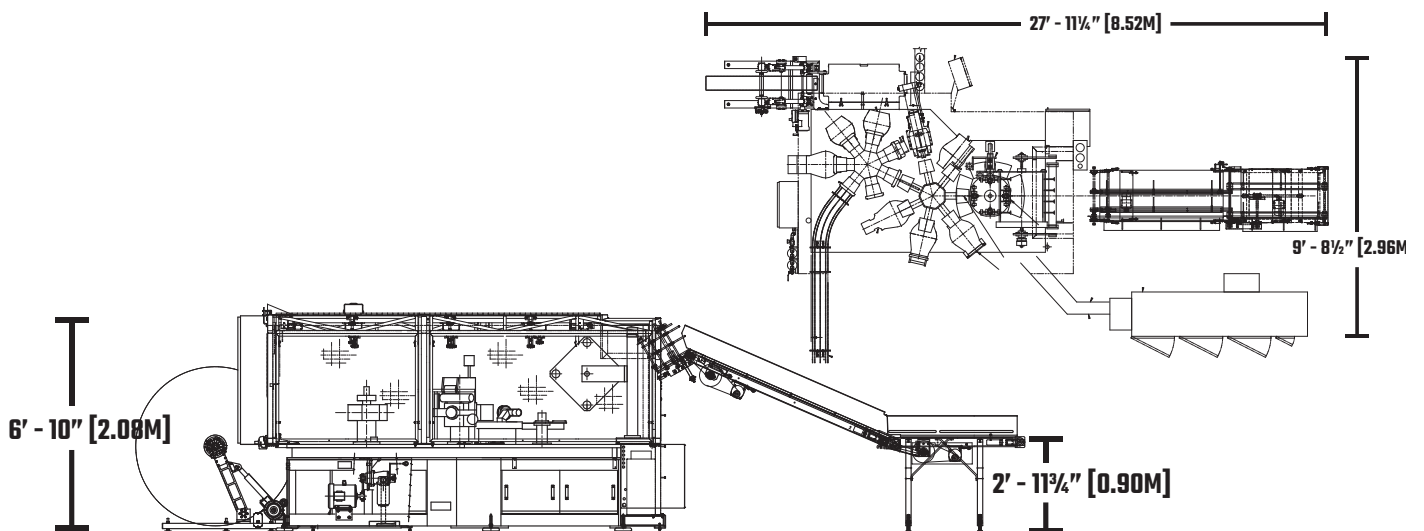


Machine Floor Plans

PMC 1003

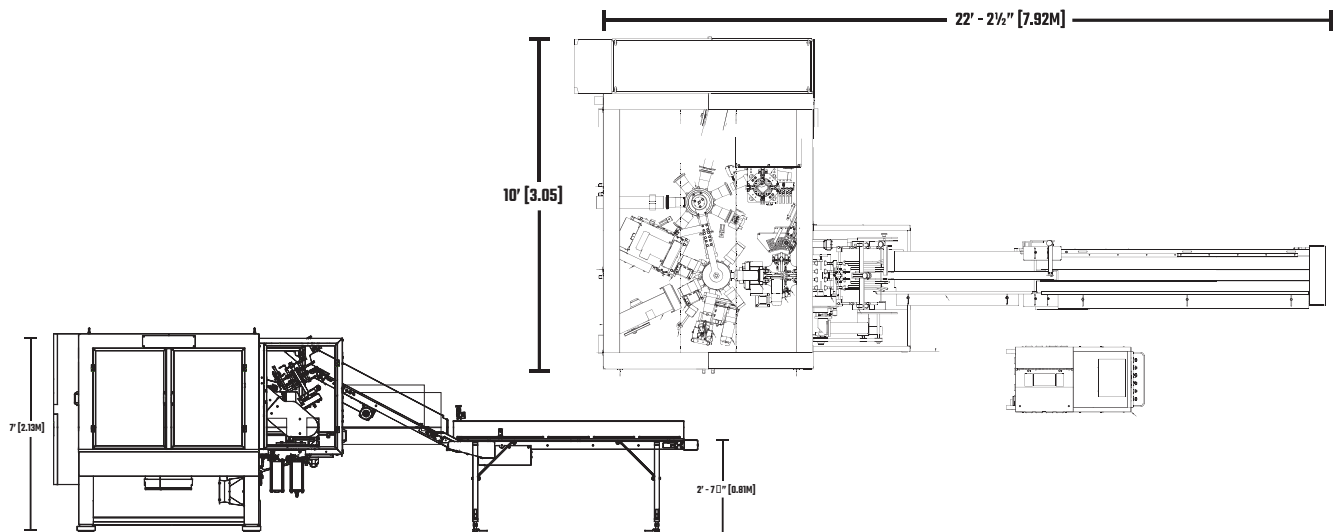


PMC 1300

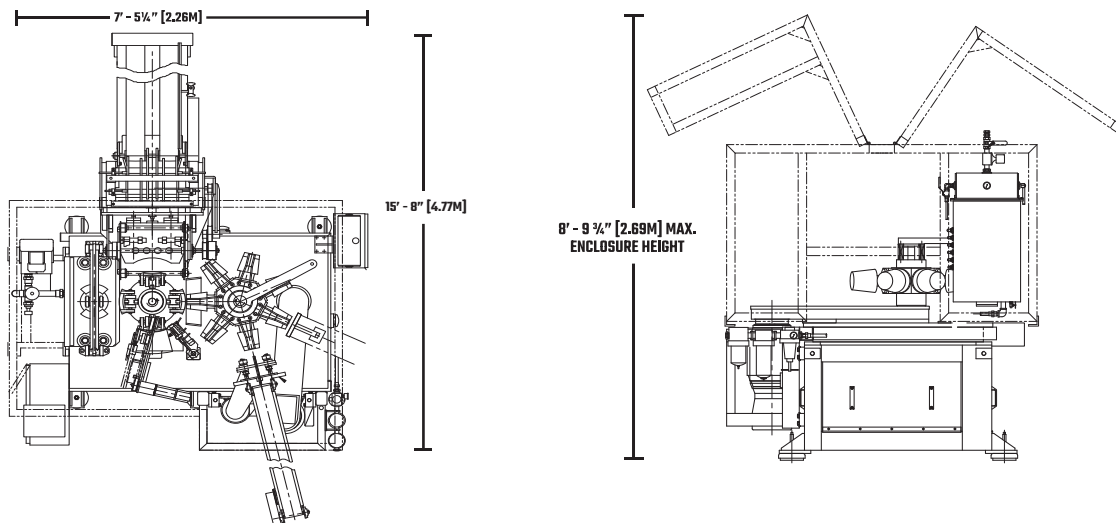


Machine Floor Plans

OW 2001S

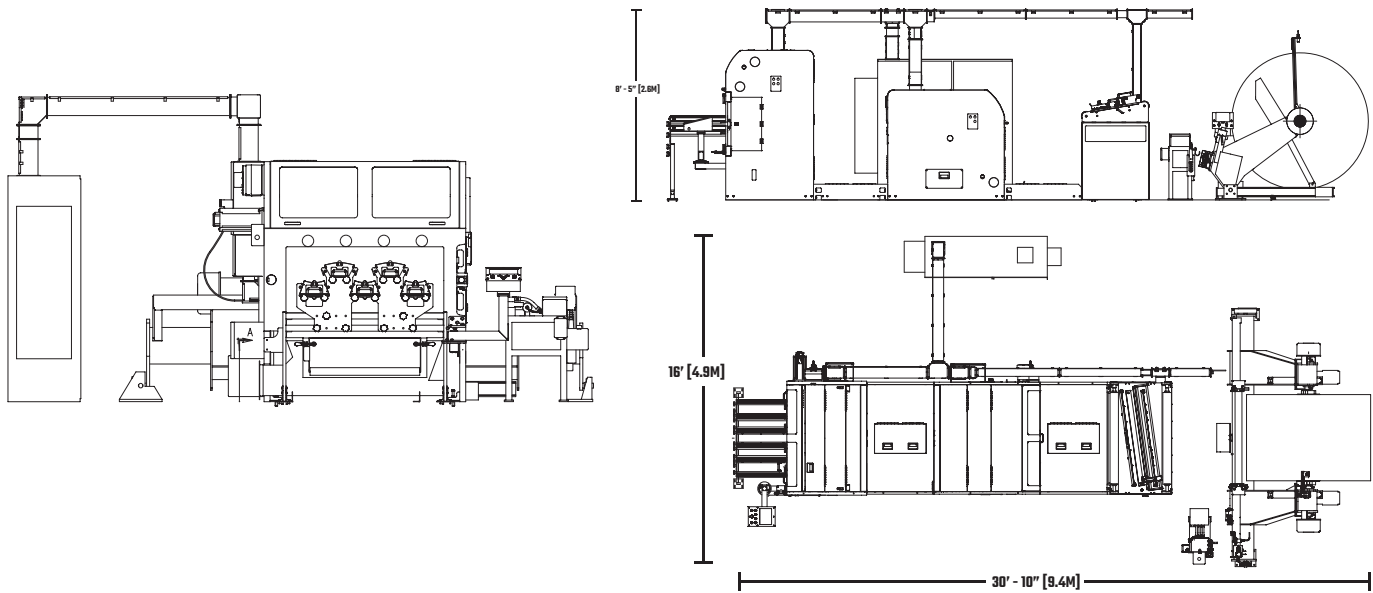


OW 800

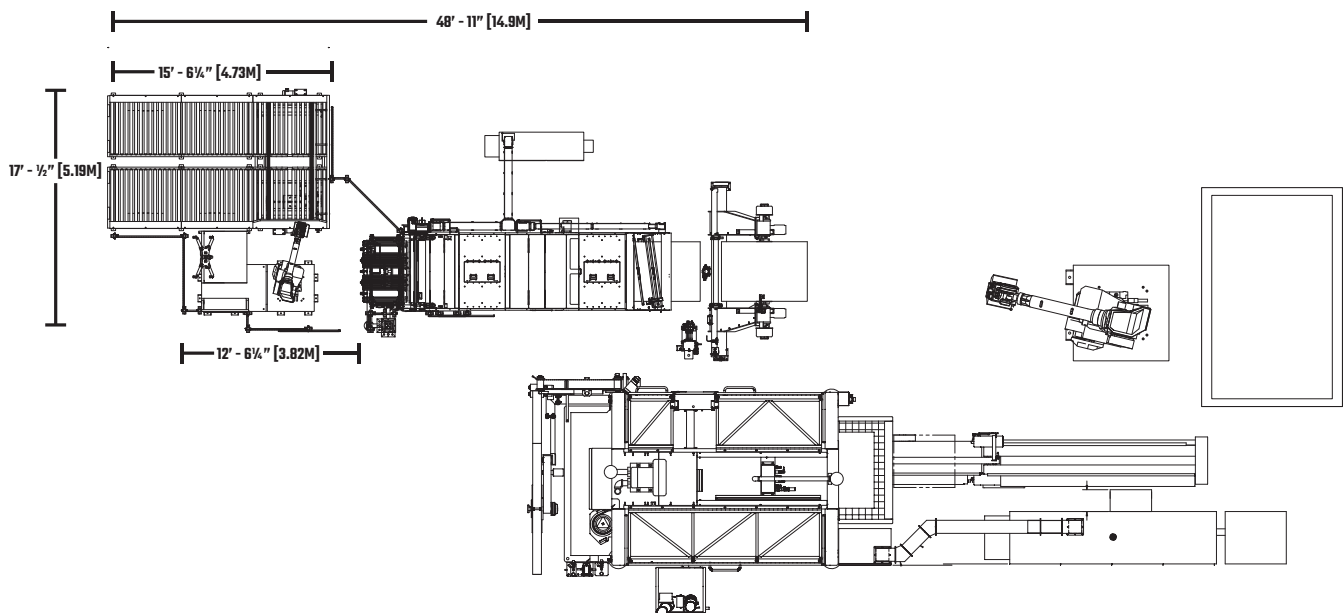


Machine Floor Plans

HS 800

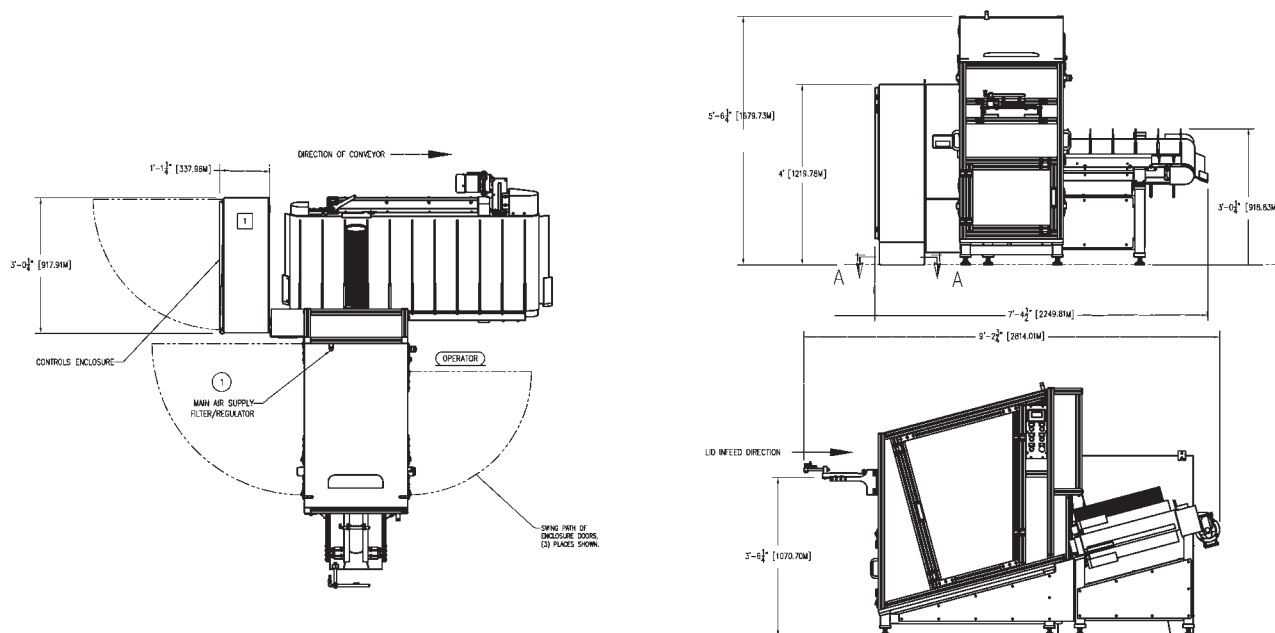


HS 800 WITH AUTOMATION

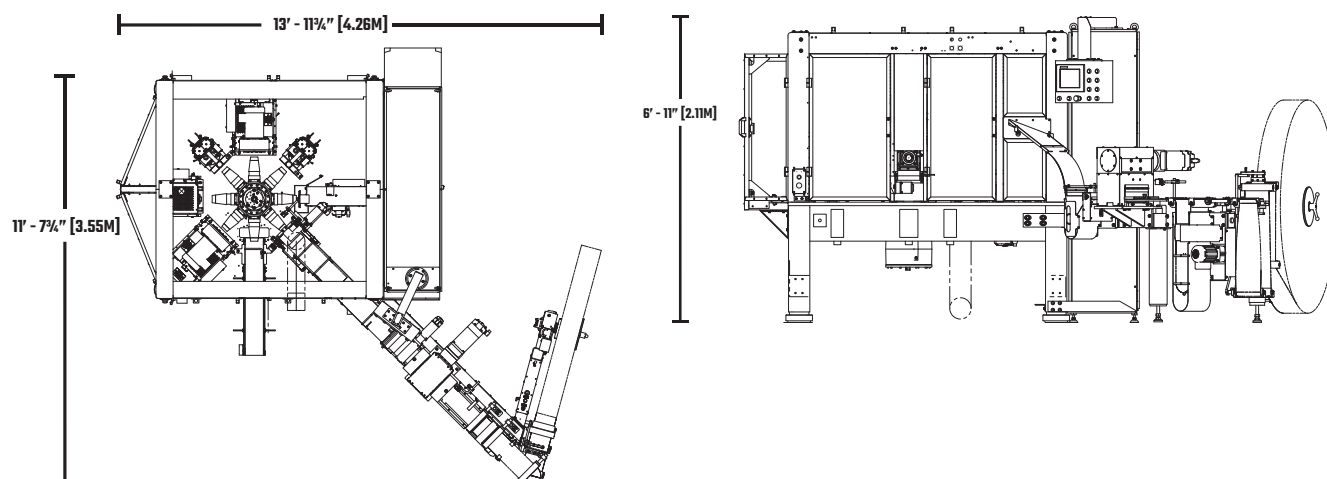


Machine Floor Plans

LS 100

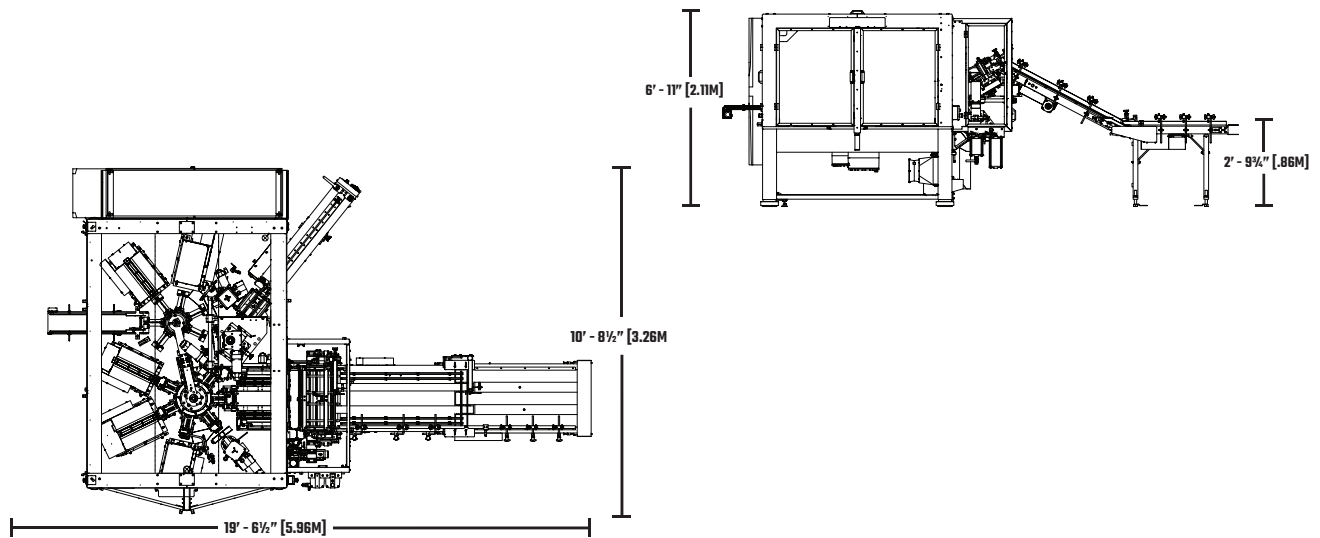


PL 100

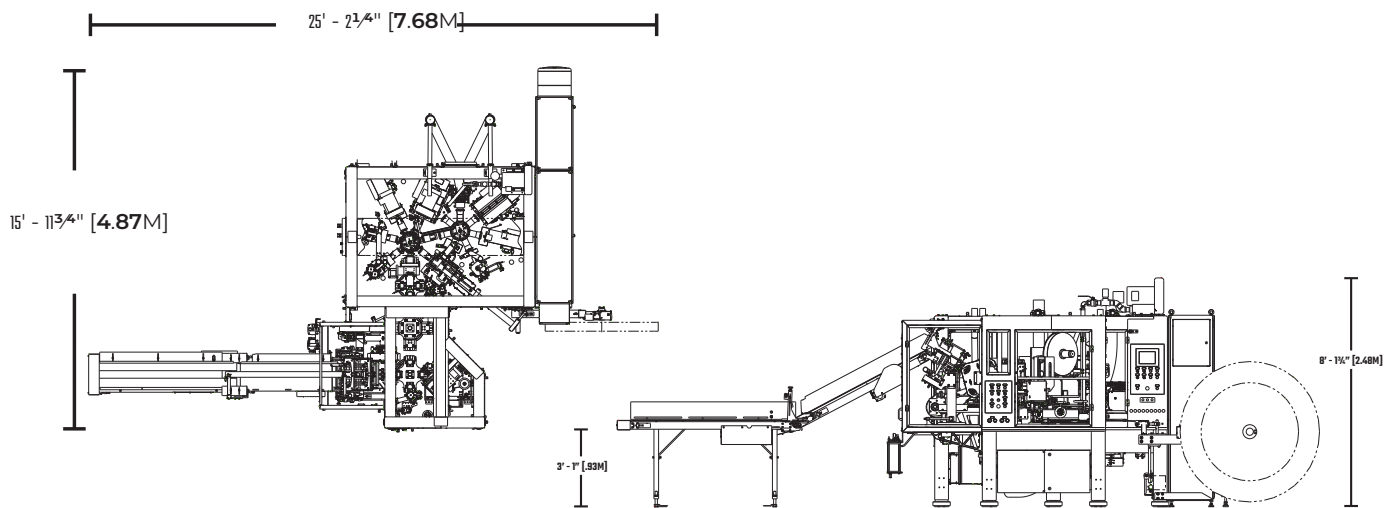


Machine Floor Plans

PL 300

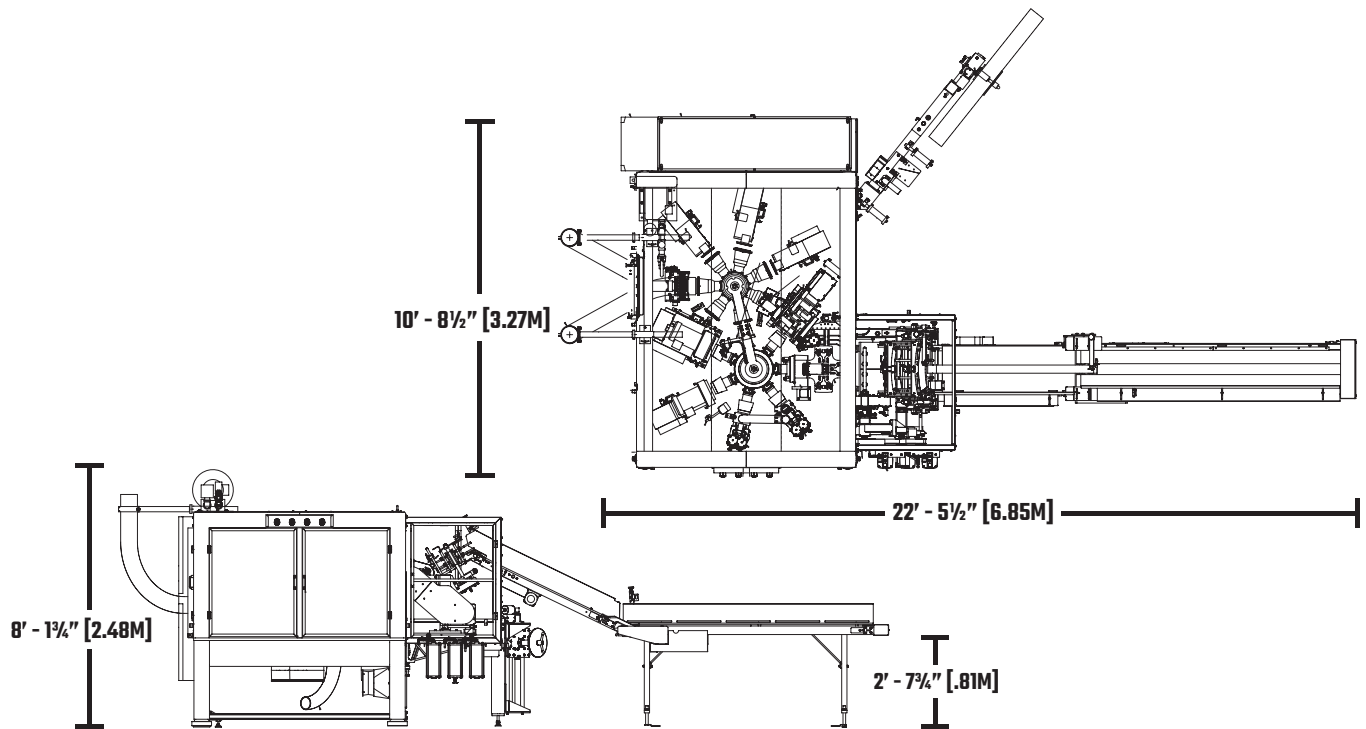


EP 100



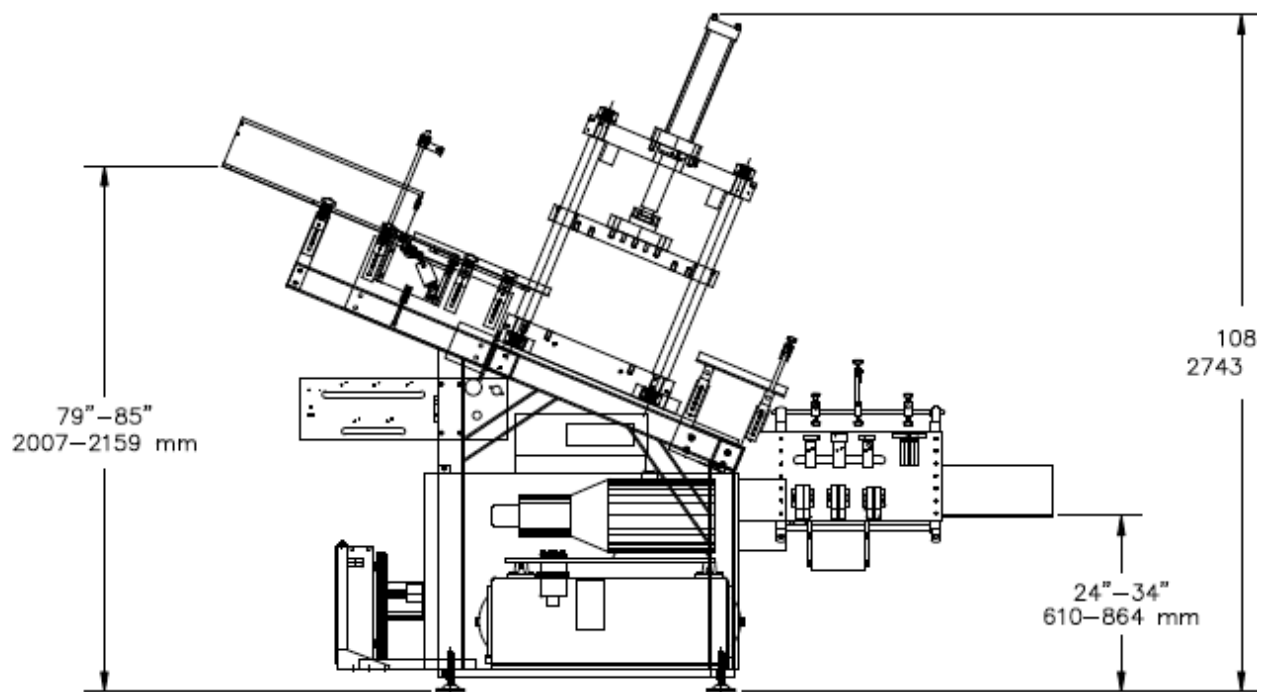
Machine Floor Plans

PMC 2600S



Machine Floor Plans

THERMOFORMER



Utility Requirements

FOR PMC MACHINES

MACHINE	PMC 1003	PMC 1300	PMC 2001S	PMC 2500S	PMC 2600S	OW 2001S
Electrical	100 kVA 3PH @ 50 or 60 HZ	100 kVA 3PH @ 50 or 60 HZ	100 kVA 3PH @ 50 or 60 HZ	105 kVA 3PH @ 50 or 60 HZ	105 kVA 3PH @ 50 or 60 HZ	60 kVA 3PH @ 50 or 60 HZ
Water	0.5 gal/min @ 20 lb/inch ² Hg or 1.9 liter/min @ 1.4 kg/cm ²	0.5 gal/min @ 20 lb/inch ² Hg or 1.9 liter/min @ 1.4 kg/cm ²	0.5 gal/min @ 20 lb/inch ² Hg or 1.9 liter/min @ 1.4 kg/cm ²	0.5 gal/min @ 20 lb/inch ² Hg or 1.9 liter/min @ 1.4 kg/cm ²	0.5 gal/min @ 20 lb/inch ² Hg or 1.9 liter/min @ 1.4 kg/cm ²	0.95 gal/min or 1.9 liter/min
Vacuum	35 ft ³ /min @ 18 inch Hg or .017 m ³ /sec @ 62 kg/cm ²	100 ft ³ /min @ 18 inch Hg or .047 m ³ /sec @ 62 kg/cm ²	90 ft ³ /min @ 18 inch Hg or .042 m ³ /sec @ 61 kg/cm ²	90 ft ³ /min @ 18 inch Hg or .017 m ³ /sec @ 62 kg/cm ²	90 ft ³ /min @ 18 inch Hg or .017 m ³ /sec @ 62 kg/cm ²	90 scfm @ 18 inch Hg or 2.5 m ³ /min @ 61 kPa
Compressed Air	135 ft ³ /min @ 90lb/inch ²	225 ft ³ /min @ 80 lb/inch ²	125 ft ³ /min @ 80 lb/inch ²	150 ft ³ /min @ 80 lb/inch ²	150 ft ³ /min @ 80 lb/inch ²	125 ft ³ /min @ 80 lb/inch ²
Vacuum for Blank Feeder	N/A	35 ft ³ /min @ 18 inch Hg or .017 m ³ /sec @ 62 kg/cm ²	N/A	N/A	N/A	N/A

Utility Requirements

FOR PMC MACHINES

OW 800	EP 100	PL 100	PL 300	HS 800	LS 100	THERMOFORMER
55 kVA 3PH @ 50 or 60 HZ	142 kVA 3PH @ 50 or 60 HZ	27.5 kVA @ 50 or 60 HZ	130 kVA @ 50 or 60 HZ	65 kVA 3PH @ 50 or 60 HZ	3.5 kVA 3PH @ 60 HZ	480 kVA 3PH @ 60 HZ
N/A	N/A	0.5 gal/min @ 20 lb/ inch ² Hg or 1.9 liter/min @ 1.4 kg/cm ²	1.5 gal/min @ 20 lb/ inch ² Hg or 1.9 liter/min @ 1.4 kg/cm ²	N/A	N/A	N/A
15 ft ³ /min @ 18 inch Hg or .007 m ³ /sec @ 62 kg/cm ²	80 scfm @ 18 inch Hg or 2.5 m ³ / min @ 61 kPa	45 ft ³ /min @ 18 inch Hg or 1.27 m ³ /sec @ 61 kPa	45 ft ³ /min @ 18 inch Hg or 1.27 m ³ /sec @ 61 kPa	N/A	N/A	25 inch Hg
65 ft ³ /min @ 18 inch Hg or .031 m ³ /sec @ 5.6 kg/cm ²	65 scfm @ 80 psi or 1.8 m ³ /min @ 5.5 bar 1-½ in min	60 scfm	60 scfm	25 cfm @ 80 psi or .028 cmm @ 5.52 bar	17 SCFM @ 80 psi (0.5)	100 psi
75 ft ³ /min @ 18 inch Hg or 35 m ³ /sec @ .62 kg/cm ²	N/A	N/A	N/A	N/A	N/A	N/A



PAPER
MACHINERY
CORPORATION

PMC Proudly Services Our Machines Worldwide



“

With over 3,500 installations across more than 40 countries, PMC's high-quality machines revolutionize PAPER cup, container, and lid forming technology WORLDWIDE.

One Source for Cups, Lids, and Containers of All Shapes and Sizes.



PMC HEADQUARTERS SALES

Main Phone: 414.354.8050

Paper Machinery Corporation

8900 W. BRADLEY RD.
MILWAUKEE, WI 53224 USA

Have Questions?

sales@papermc.com

PMC GLOBAL TECHNICAL SERVICE

Need new parts?
Questions about maintenance?
Training for machines?

Our Global Technical Service Team

is here to help you, let's connect:

service@papermc.com



© Paper Machinery Corporation 2026

The information presented in this document is for guide purposes only and are non-binding. Paper Machinery Corporation reserves the right to make changes to products and pricing without notice.