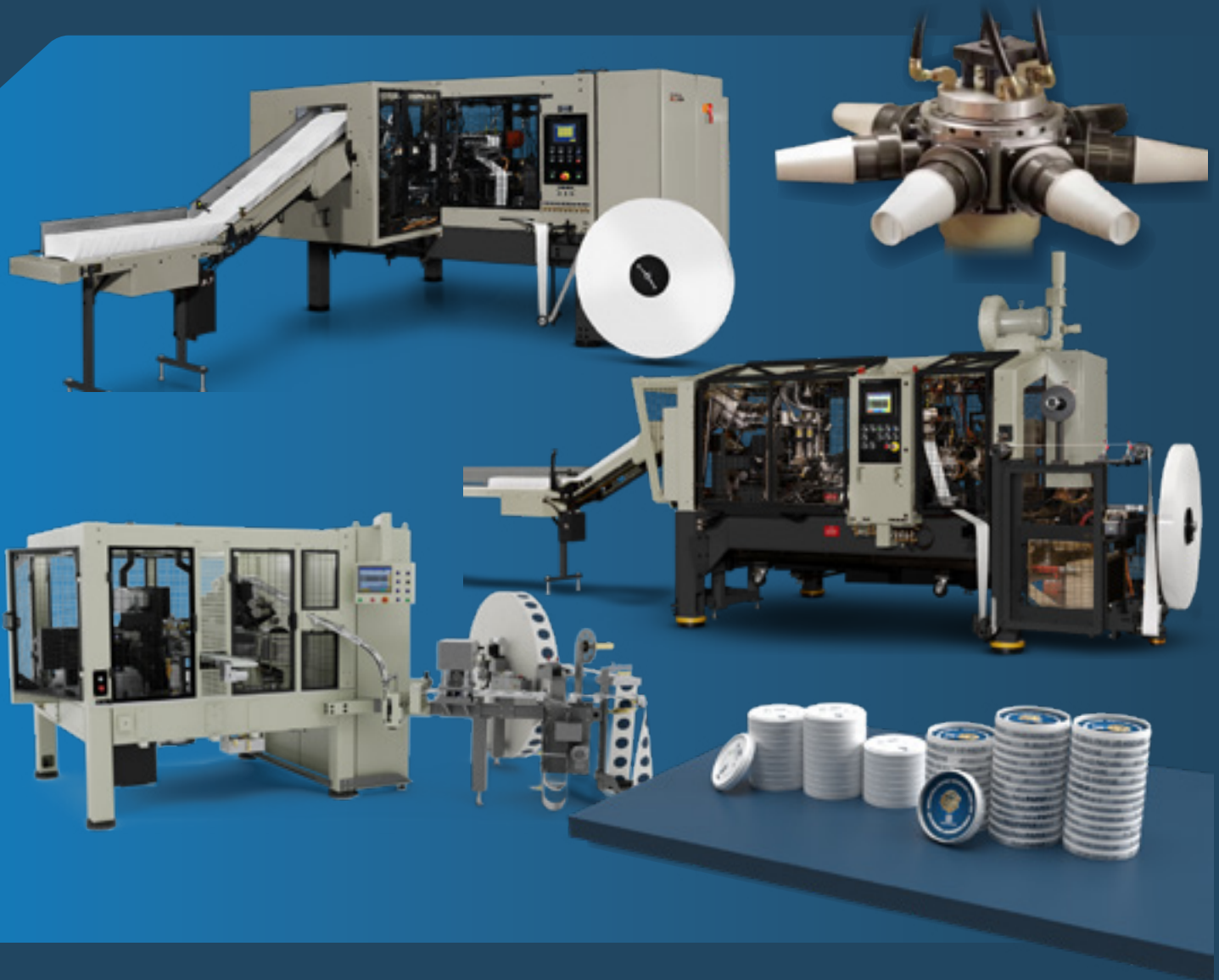


# 2025 | **PRODUCT CATALOG**



**INNOVATING FORMING TECHNOLOGY  
SINCE 1951**

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# TABLE OF CONTENTS

## DRIVEN BY INNOVATION

A tradition of innovation inspires Paper Machinery Corporation (PMC), whether 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.

**INNOVATING FORMING TECHNOLOGY  
SINCE 1951**



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# PMC 2001S

HIGH-SPEED PRODUCTION SERVO DRIVEN



# PMC 2500S

MAXIMUM FLEXIBILITY



## MACHINE SPECIFICATIONS

**SPEED:** 240 cups/containers per minute

**SIZE RANGE:** 4 oz (120 ml) - 22 oz (650 ml)

**APPROX. MACHINE WEIGHT:** 13,500 lbs


**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 mechanical design that reduces maintenance time and lessens replacement part costs.
- Quick tool changes improves production flexibility.

## OPTIONAL EQUIPMENT

- Diverter with hole detect
- Lid Groove Station
- Rimming - Hot Head & Spinning
- High Speed Shuttle Table
- Flat Rim
- Edge Protection

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## MACHINE SPECIFICATIONS

**SPEED:** 170 cups per minute (Round & Non-Round)

**SIZE RANGE:** 4 oz (120 ml) - 46 oz (1,360 ml)

**APPROX. MACHINE WEIGHT:** 14,000 lbs


**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 mechanical design that reduces maintenance time and lessens replacement part costs.
- Quick tool changes improves production flexibility.

## OPTIONAL EQUIPMENT

- Diverter with hole detect
- Lid Groove Station
- Rimming - Hot Head & Spinning
- Non-Round Option

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Machine Video

# PMC 1003

PRECISION MEETS HIGH-SPEED



## MACHINE SPECIFICATIONS

**SPEED:** 330 cups/containers per minute

**SIZE RANGE:** 3 oz (89 ml) - 32 oz (950 ml)

**APPROXIMATE MACHINE WEIGHT:**  
21,500 lbs

**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

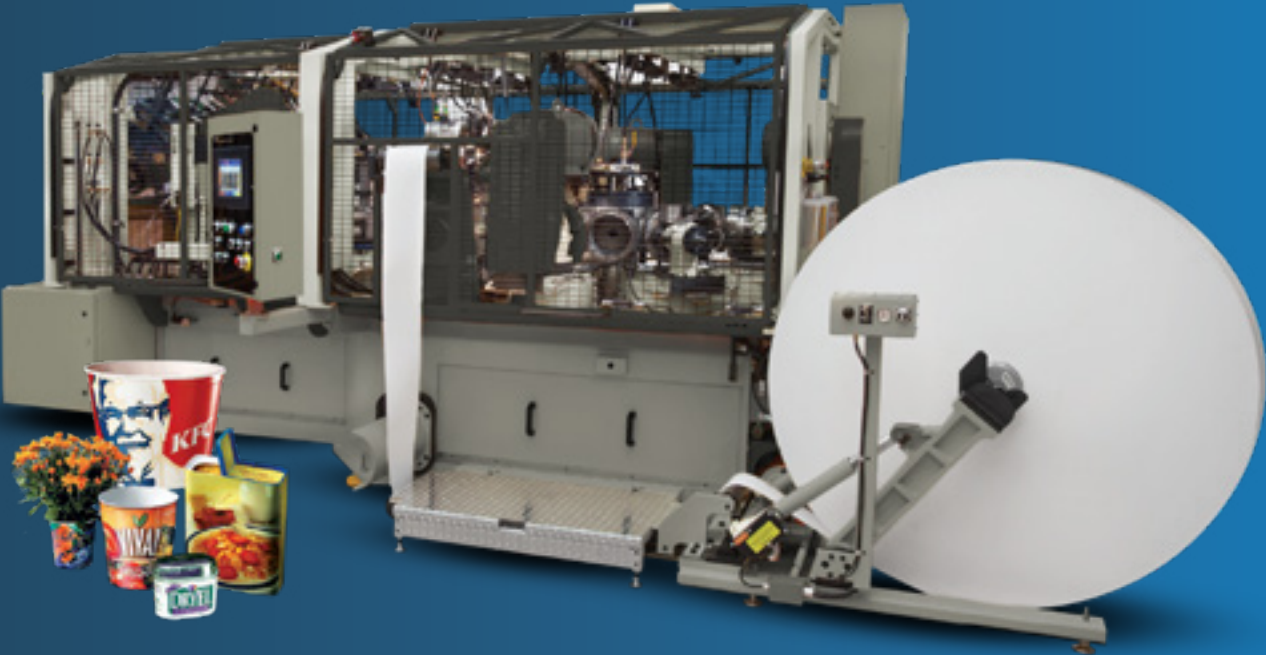
- Diverter
- Lid Groove Station
- Rimming - Hot Head & Spinning
- Dual Blow-off
- Roll Feed
- Bar Code Reader

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 Machine Brochure

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 Machine Video

# PMC 1300

GO BIG.



## MACHINE SPECIFICATIONS

**SPEED:** 120 cups/containers per minute

**SIZE RANGE:** 25 oz (740 ml) - 145 oz (4,300 ml)

**APPROXIMATE MACHINE WEIGHT:**  
24,000 lbs

**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

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 Machine Brochure

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 Machine Video



# PMC OW 2001S

INNOVATION THROUGH  
CUSTOMIZATION



## MACHINE SPECIFICATIONS

**SPEED:** 240 cups/containers per minute

**SIZE RANGE:** 4 oz (120 ml) through 22 oz (650 ml)

**APPROXIMATE MACHINE WEIGHT:**  
10,000 lbs

**MATERIALS:** Label stock or micro flute materials around paperboard and plastic containers

## KEY POINTS

- With a simplified mechanical design that reduces maintenance time and lessens replacement part costs.
- Quick tool changes improves production flexibility.

## OPTIONAL EQUIPMENT

- Cup Inverter
- Roll Feed
- Blank Feed
- Hot Melt or FHA

CLICK HERE



Machine Brochure

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Machine Video

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# PMC OW 800

STRENGTH. INSULATE. BRAND.



## MACHINE SPECIFICATIONS

**SPEED:** 165 cups/containers per minute

**SIZE RANGE:** 2.5 oz (75 ml) 46 oz (1,350 ml)

**APPROXIMATE MACHINE WEIGHT:**  
10,000 lbs

**MATERIALS:** Paperboard or plastic base 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 and triple wall insulated 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

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Machine Video

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# PL 100 EXPANDING HORIZONS



## PAPER

### MACHINE SPECIFICATIONS

**SPEED:** 200 lids per minute

**ROUND LID DIAMETER:** 2.5 in (63.5 mm) - 5.3 in (135 mm)

**LID HEIGHT RANGE:** .47 in (12mm)\*

**LID MATERIAL CALIPER:** 0.014 in - 0.020 in (350-500 micron)

\* 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

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# PL 300 PUT A PAPER LID ON IT



## LIDS

### MACHINE SPECIFICATIONS

**SPEED:** 170 lids per minute

**LID DIAMETER:**

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

**SPACE SAVING:** 4.4 in (112 mm) x 6.75 in (171.4 mm) cannot exceed 20.5 in sidewall strip length

**SCROUND:** 5.35 in (136 mm) x 7 in (177 mm)

**SIDEWALL RING LENGTH:**

**ROUND:** 20.5 in (520.7 mm)

**SPACE SAVING:** 19.64 in (498.8 mm)

**SCROUND:** 20.7 in (525.7 mm)

**TOP DEPTH:** 0.28 in (7 mm) - 16.36 in (415.44 mm)

\* Other lid heights available upon request.

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Machine Brochure

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### 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.

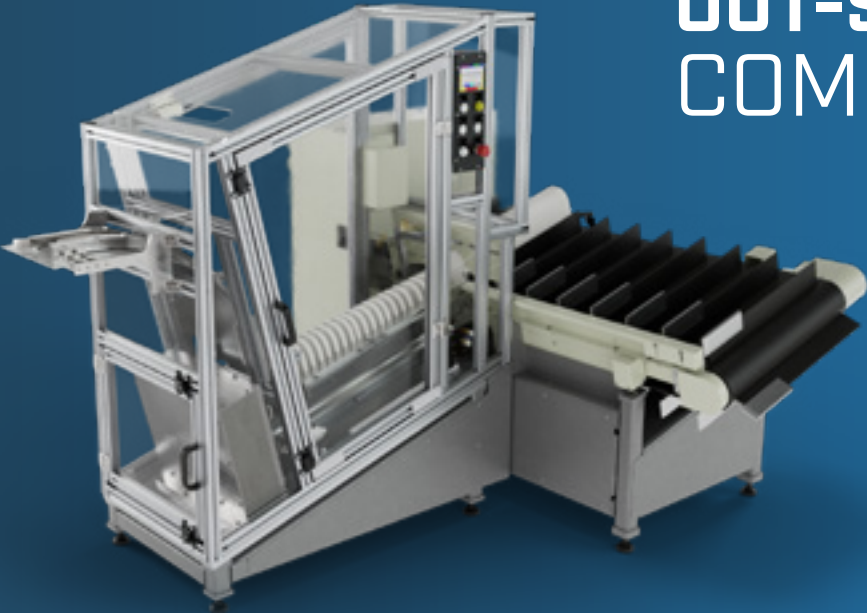
### OPTIONAL EQUIPMENT

- Lid Stacker
- Rolled, crimped, or smooth lid finished options
- Round and Non-Round
- 3 piece soup lid with vent hole

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# LS 100 LID STACKING MACHINERY



OUT-STACK THE  
COMPETITION



## MACHINE SPECIFICATIONS

**STACK HEIGHT LIDS:** 6.8 in - 23.6 in (175 mm to 600 mm)

**LID DIAMETER:**

**Round:** 2.5 in (63.5 mm) - 5.3 in (136 mm)  
**Non-Round:** 5.35 in (136 mm) x 7 in (177 mm)

**LID HEIGHT RANGE:** .47 in (12mm)\*

**APPROXIMATE MACHINE WEIGHTS:**

LID STACKER: 1100 lbs (499 kg)  
CONVEYOR: 700 lbs (318 kg)  
ELECTRICAL CABINET: 320 lbs (145 kg)

\* 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 lid machines.
- VPN connectivity exists via direct connection with lid forming machine.

# HS 800 MAKE THE CUT



## MACHINE SPECIFICATIONS

**SPEED:** Up to 450 strokes per min.

**SIZE RANGE:**

Width: 25" - 50" (635 mm - 1,270 mm)  
Diameter: 72" (1,525 mm)

**APPROXIMATE MACHINE WEIGHT:**

25,700 lbs

**MATERIALS:** Accepts paper thickness from .009" to .024" (0.230 to 0.500mm)

## KEY POINTS

- Fast and flexible production of sidewall blanks for paperboard cups and containers.
- Advanced servos drive provide high-speed print to cut accuracy.
- A single HS 800 supports multiple high speed cut machines.

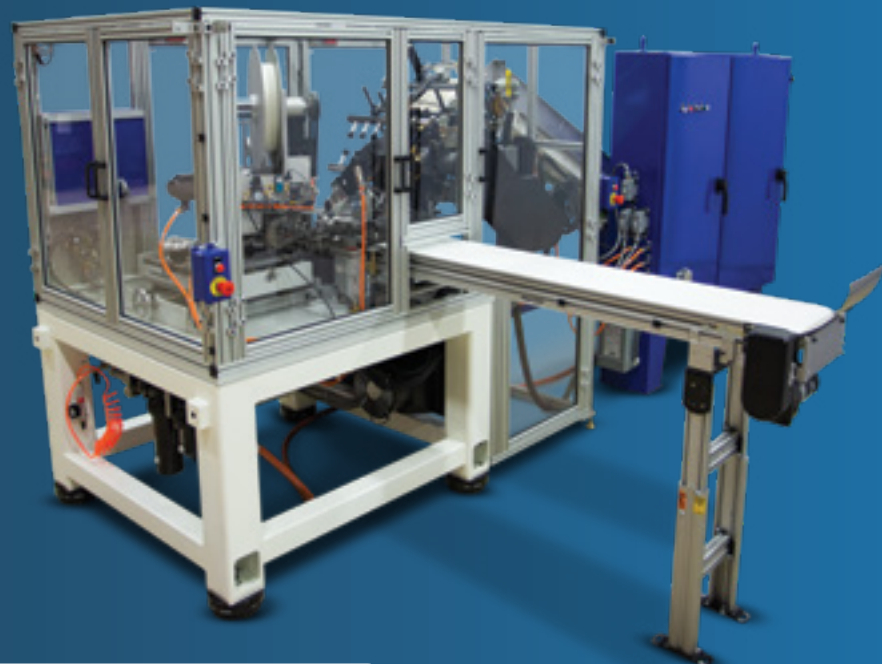
## OPTIONAL EQUIPMENT

- Die Cart
- Automation for off load of blanks



# EP 100

## EDGE PROTECTION



### MACHINE SPECIFICATIONS

**SPEED:** 200 blanks per minute

**SIZE RANGE:**

**VOLUME:** 4-22 oz

**TAPE LENGTH:** 1.6 in min - 6.0 in max

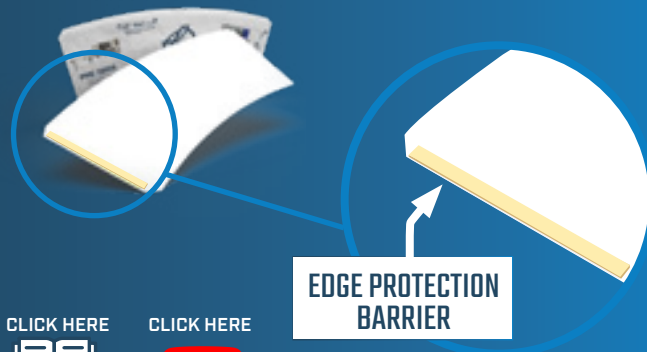
**SIDEWALL LENGTH:** 13.2 in

**APPROXIMATE MACHINE WEIGHT:**

4,000 lbs

### KEY POINTS

- Sealing a film across the interior blank edge prevents acidic or oily contents from edge wicking the paperboard forming materials.
- Edge-protected, containers can be used in a wider range of packaging applications.
- Edge protected paperboard is an alternative to plastic.
- Creates lighter paperboard containers for reduced transportation costs that are strong enough to negate the need for secondary packaging products.



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Machine Brochure

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Machine Video

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# 2001S WITH INLINE EDGE PROTECTION

## FLAT RIM CUPS AND CONTAINERS



### MACHINE SPECIFICATIONS

**SPEED:** 200 cups per minute

**SIZE RANGE:**

**VOLUME:** 4-22 oz

**TAPE LENGTH:** 1.6 in min - 6.0 in max

**SIDEWALL LENGTH:** 13.2 in

**APPROXIMATE MACHINE WEIGHT:**

16,000 lbs

### KEY POINTS

- Manufacturing flat-rimmed paper cups with edge-protection enhances the shelf life of dairy products.
- Flat rims provide greater surface area for membrane sealing.
- Combining cup forming, edge-protected and rim flattening in one machine reduces machine footprint and labor.

### OPTIONAL EQUIPMENT

- Vision system inspection of film placement
- Bar Code Reader

[CLICK HERE](#)



Machine Brochure

[CLICK HERE](#)



Virtual Showroom

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# FACTORY AUTOMATION

## BLANKER TO PALLET SYSTEM



### KEY POINTS

- Robot grabs blanks off of the HS 800 blanker.
- Blanks are placed in neat stacks onto a pallet or dunnage.
- Robot is integrated into the HMI controls.

#### System Includes:

- Kawasaki Robot/ Fanuc
- Robot Base
- End of Arm Tool (Designed to pick 3-6" stack of blanks)
- Pallet Conveyor and Transfer System (six beds)
- Slip Sheet Stand
- Guarding (Mesh guarding with interlocking door)
- HMI & Controller stand (integrated into safety guarding)

# FACTORY AUTOMATION

## DUNNAGE TO CUP FORMER: 1 -to- 1



### KEY POINTS

- System removes blanks from a pallet or dunnage tray.
- Blanks are placed on the infeed conveyor of the cup former.
- Placement is done onto the conveyor.
- Robot pushes the blank stack against previously placed stacks.

#### System Includes:

- Kawasaki Robot/ Fanuc
- Custom end of arm tool
- Enclosure
- Controller Stand





# 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.



GLOBAL TECHNICAL SERVICES



### 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.

## OUR 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

# 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.



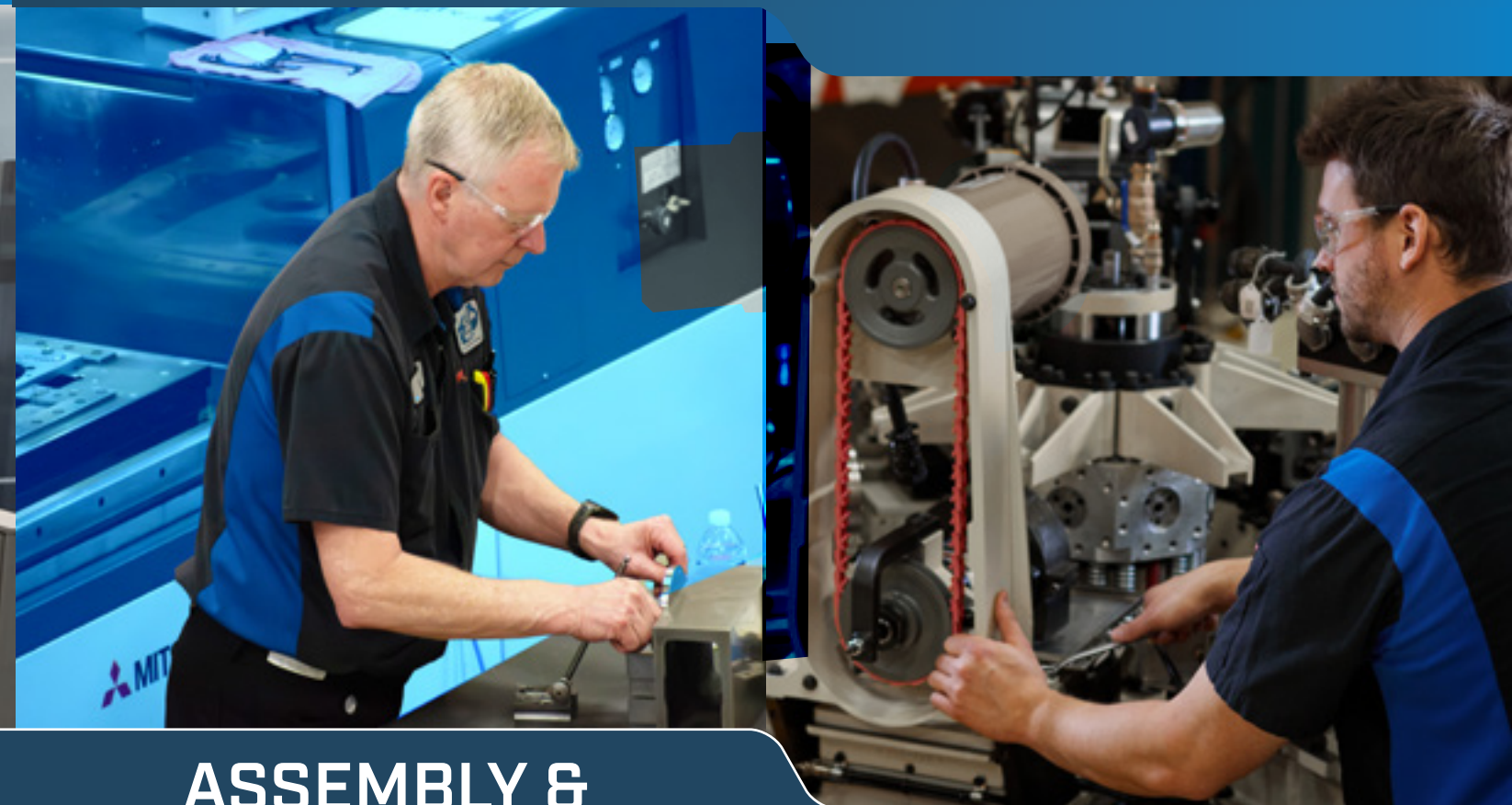
# WORLD CLASS

# 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

# EMBRACING SUSTAINABILITY

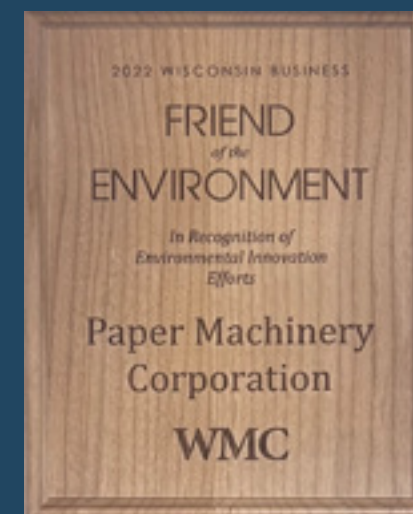
## MATERIAL DEVELOPMENT

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. In order to seal PMC's forward looking philosophy, 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.

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 compostable 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.



## RECOGNITION





# ONE SOURCE

FOR CUPS, LIDS, AND  
CONTAINERS OF ALL  
**SHAPES AND SIZES**

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



**PMC**  
**PROUDLY**  
SERVICES OUR MACHINES  
**WORLDWIDE**



## PMC HEADQUARTERS SALES

MAIN PHONE: 414.354.8050

PAPER MACHINERY CORPORATION  
8900 W. BRADLEY RD.  
MILWAUKEE, WI 53224  
USA

Have Questions?  
[sales@papermc.com](mailto:sales@papermc.com)

## PMC GLOBAL TECHNICAL SERVICE

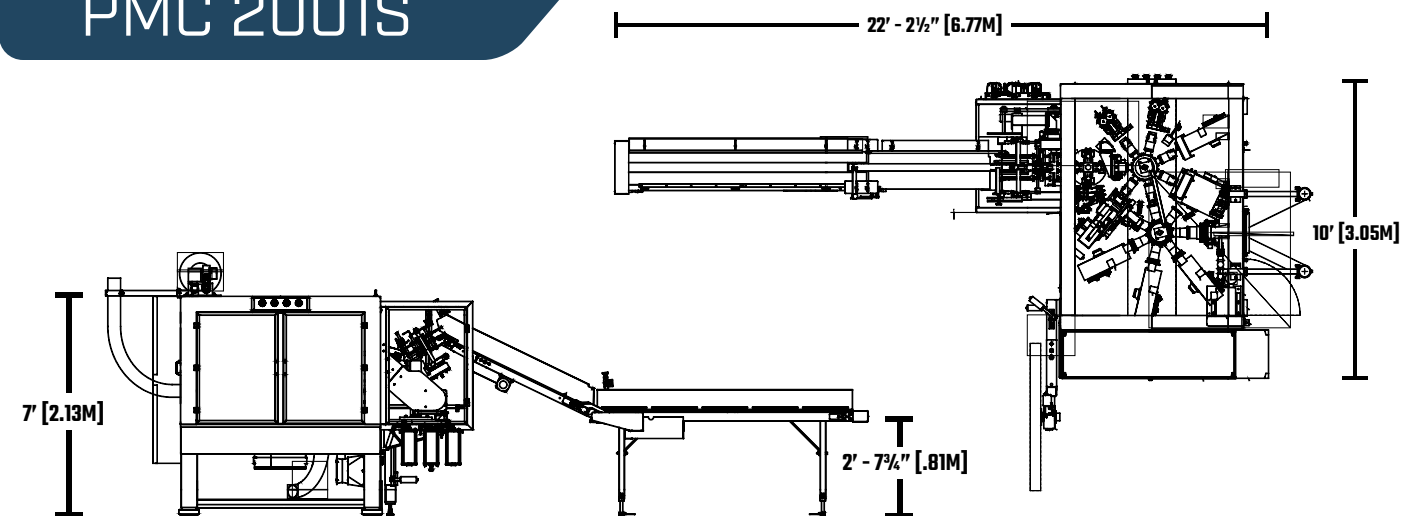
- Need new parts?
- Questions about maintenance?
- Training for machines?

Our Global Technical Service Team  
is here to help you, let's connect:

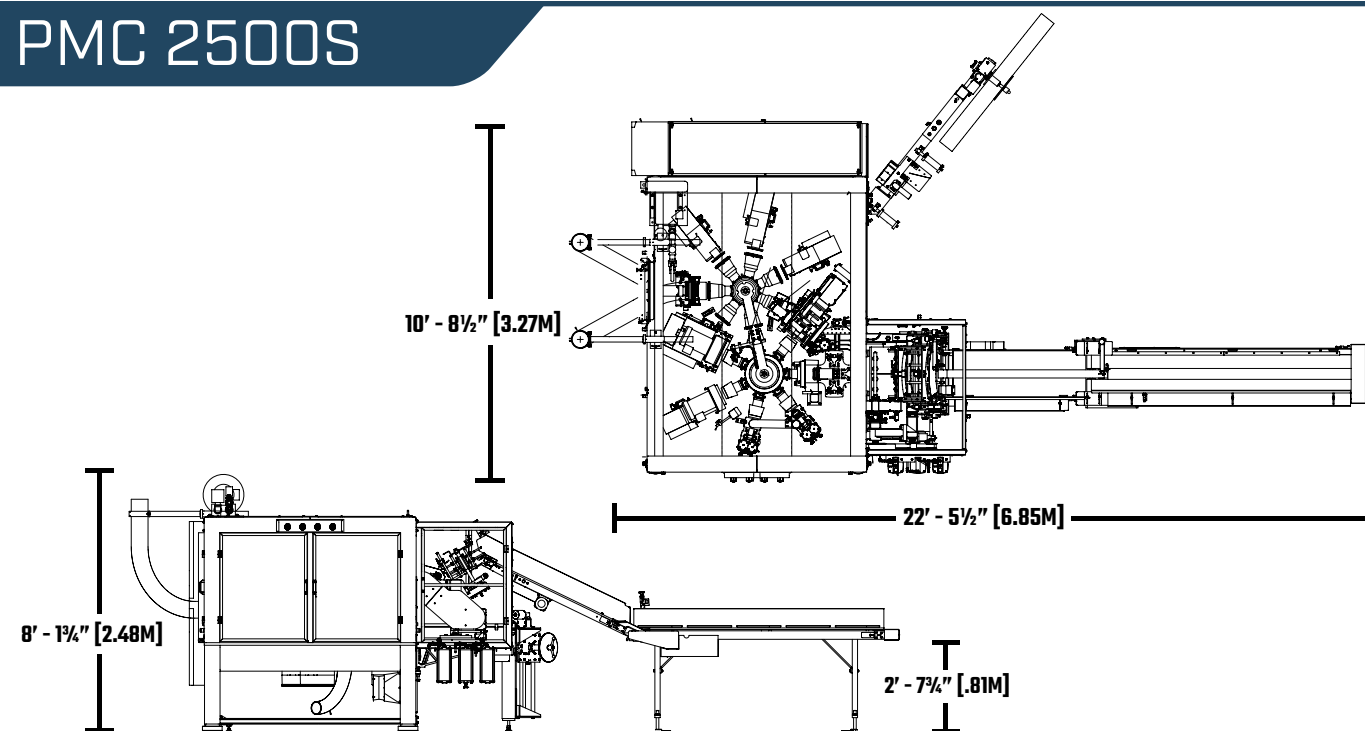
[service@papermc.com](mailto:service@papermc.com)

# MACHINE FLOOR PLANS

PMC 2001S

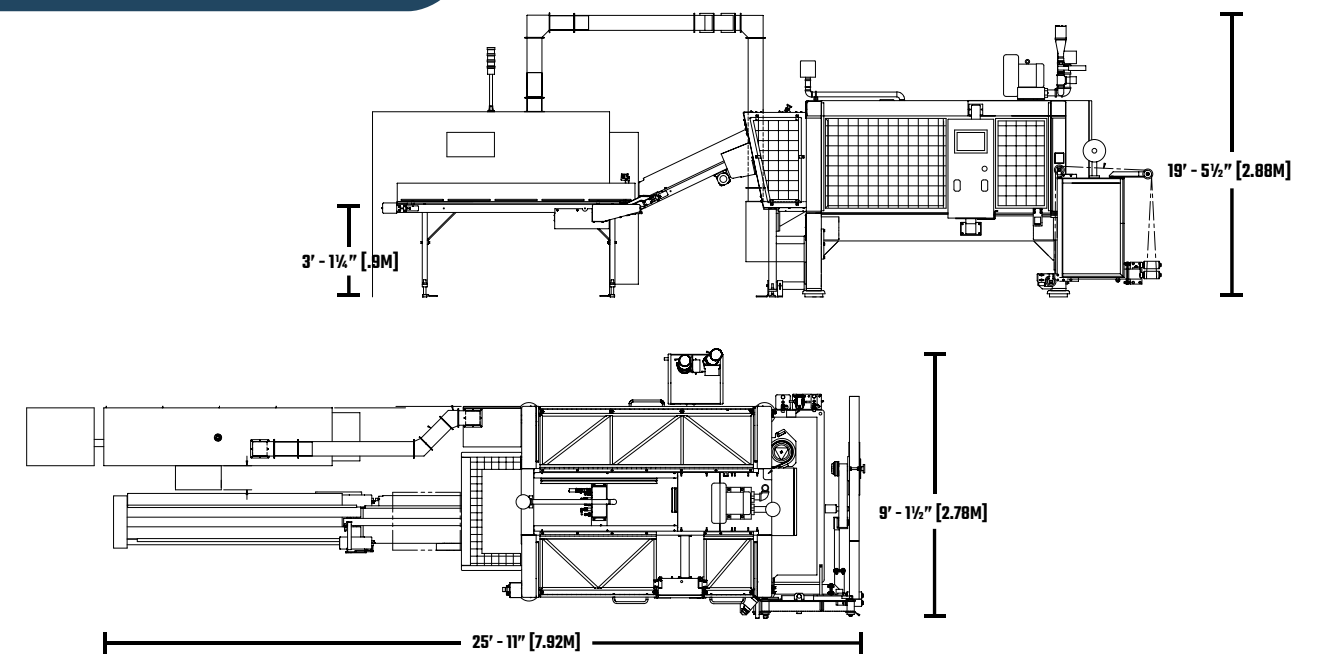


PMC 2500S

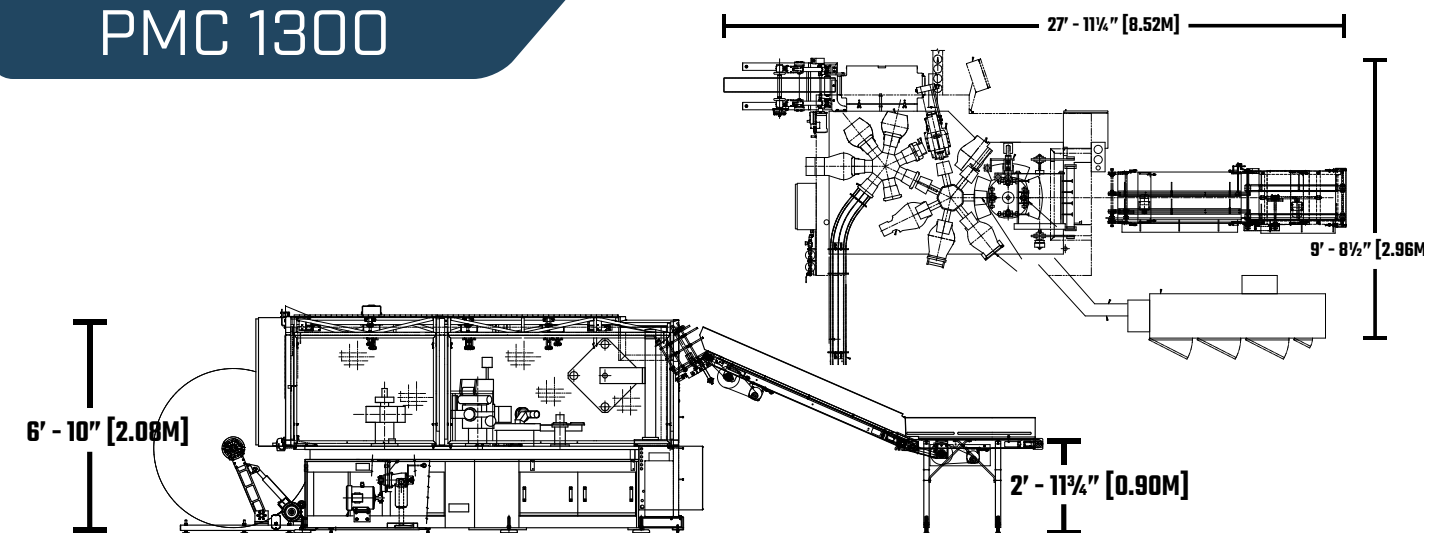


# MACHINE FLOOR PLANS

PMC 1003



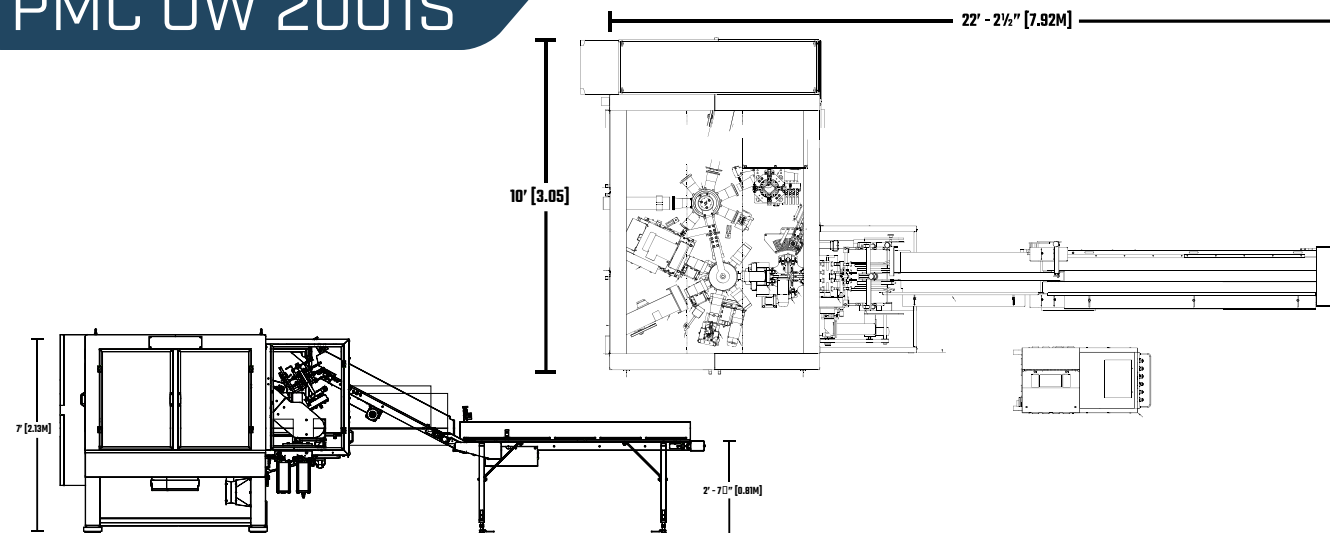
PMC 1300



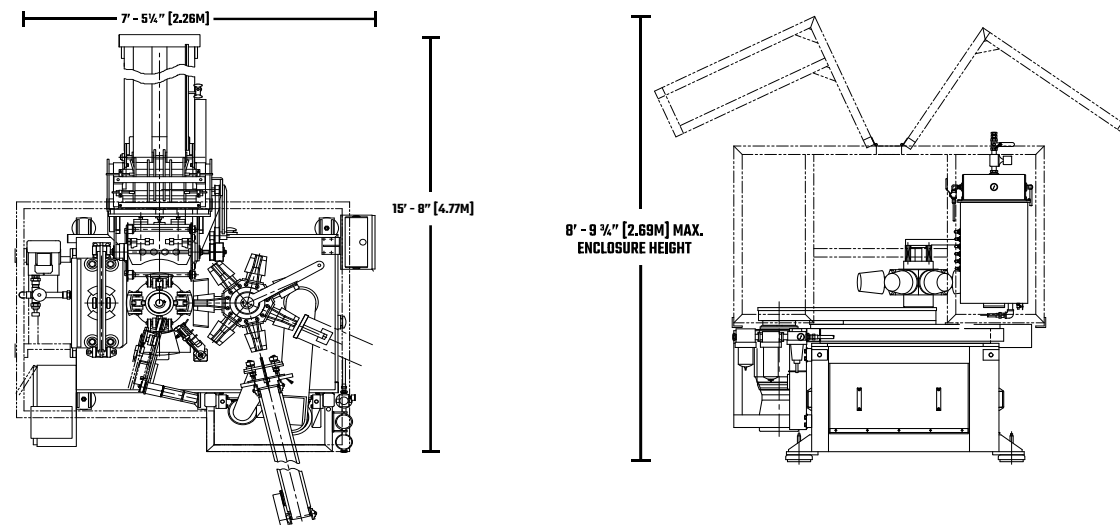


# MACHINE FLOOR PLANS

PMC OW 2001S

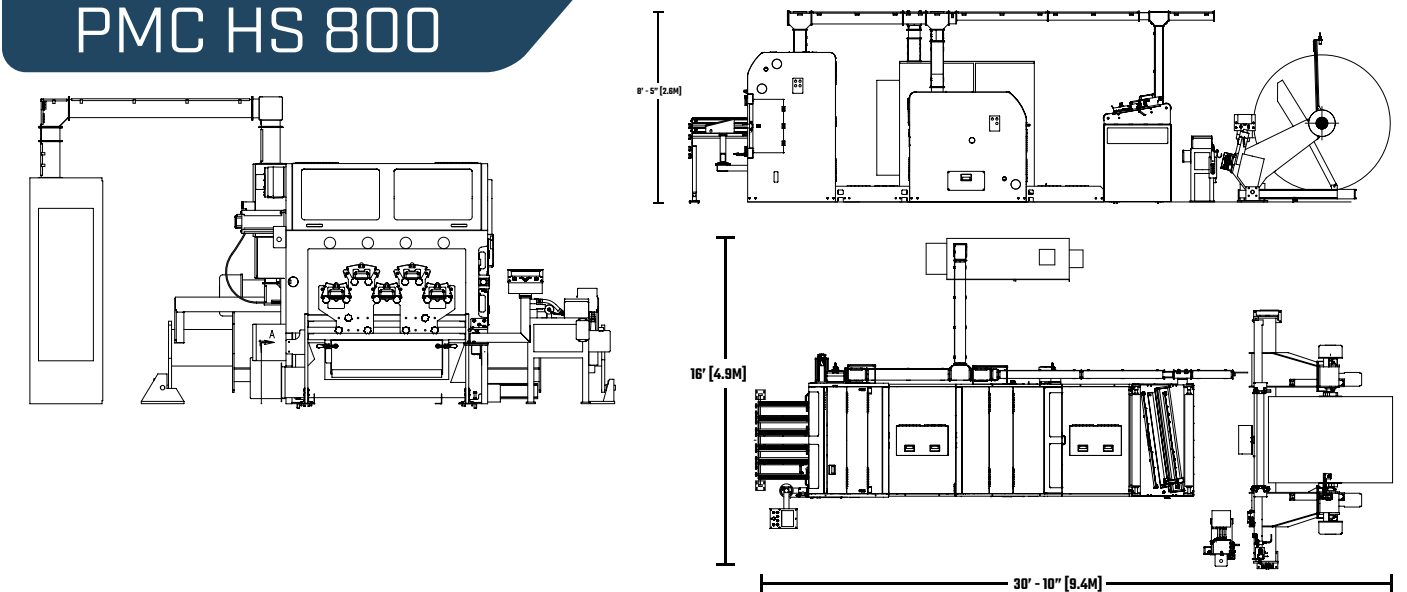


PMC OW 800

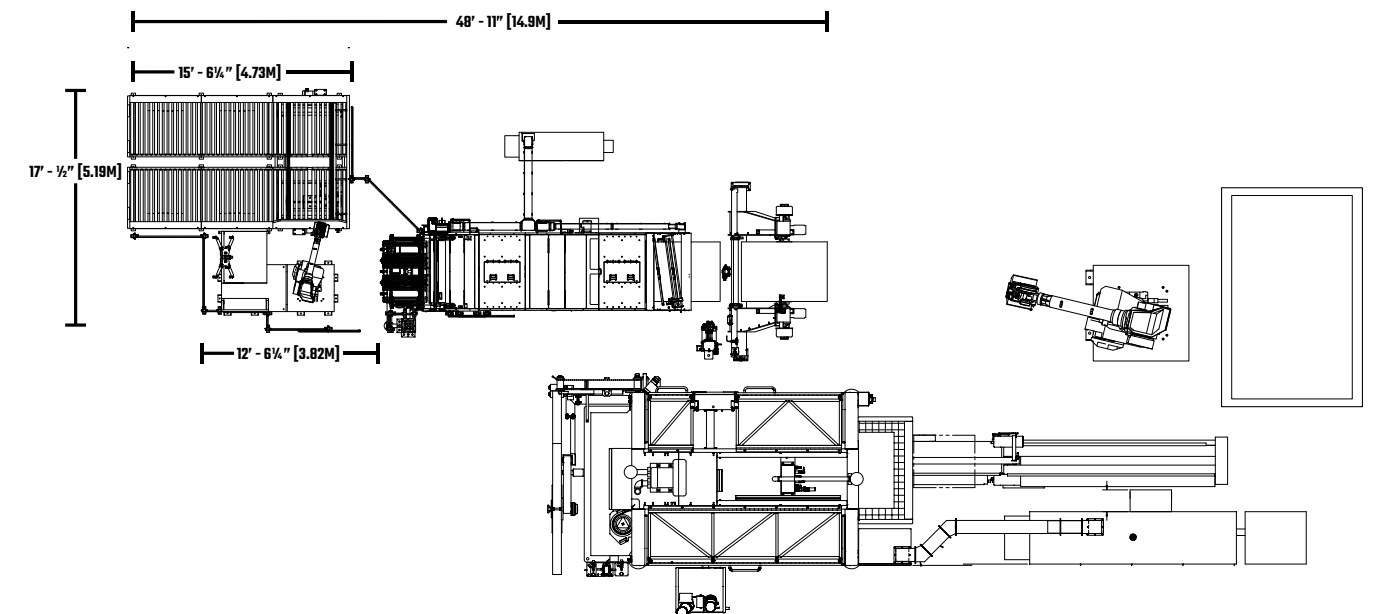


# MACHINE FLOOR PLANS

PMC HS 800

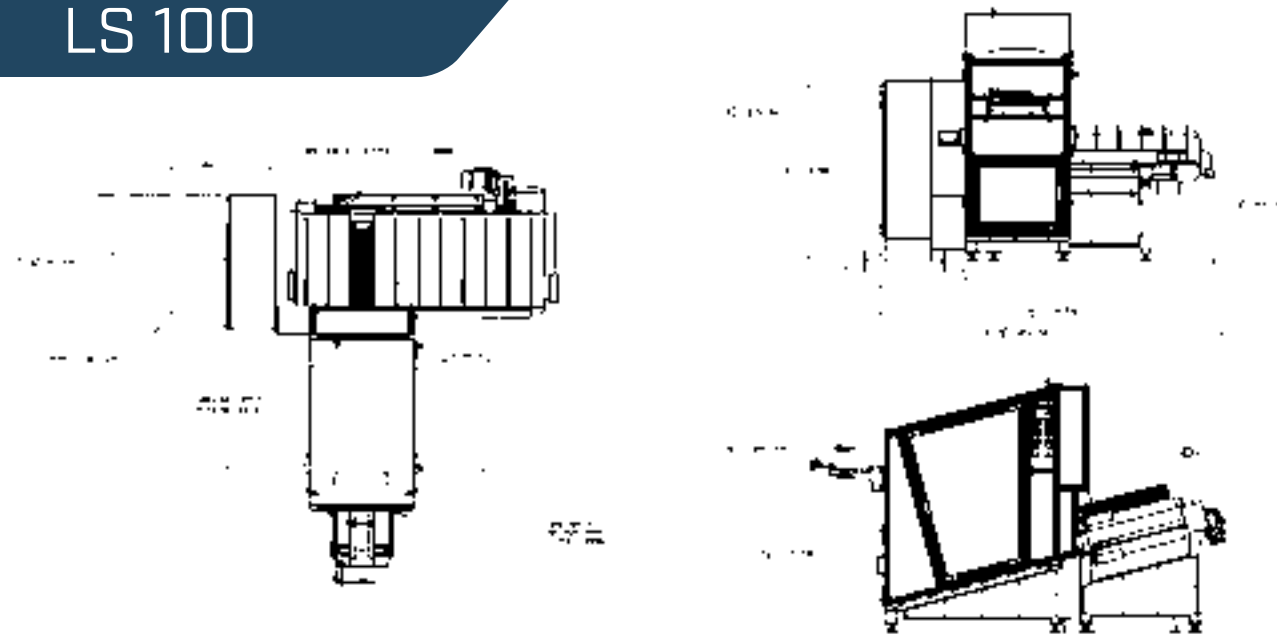


PMC HS 800 WITH AUTOMATION

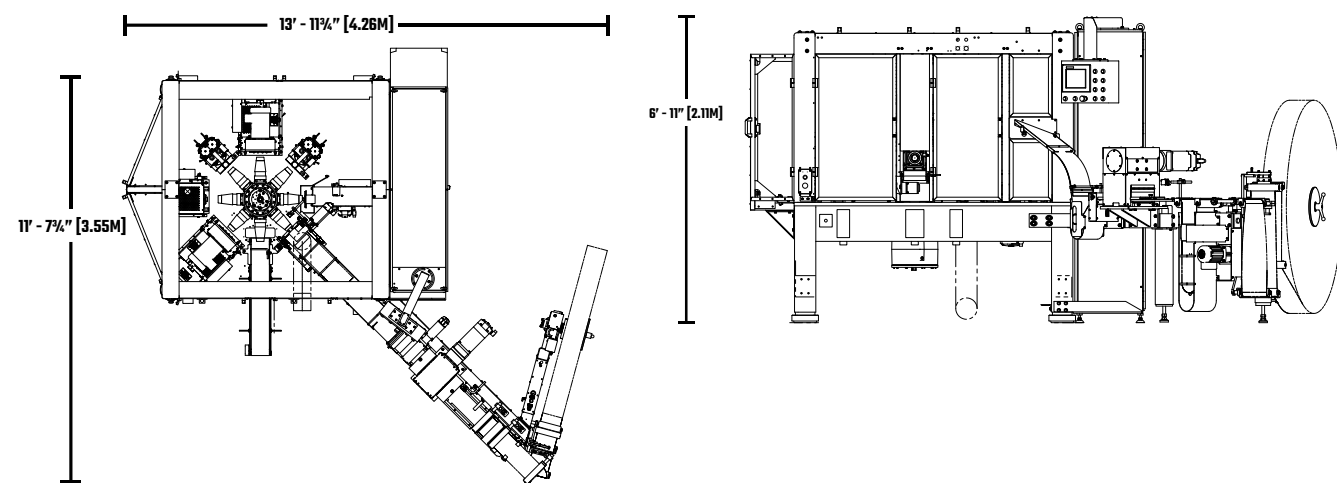


# MACHINE FLOOR PLANS

LS 100

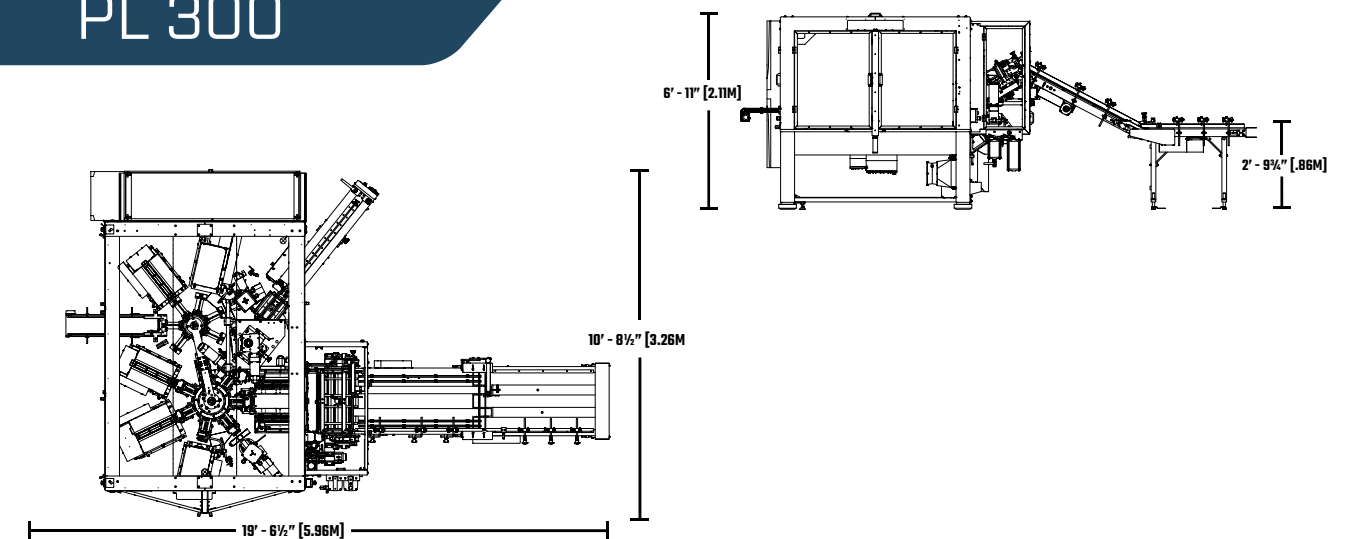


PL 100

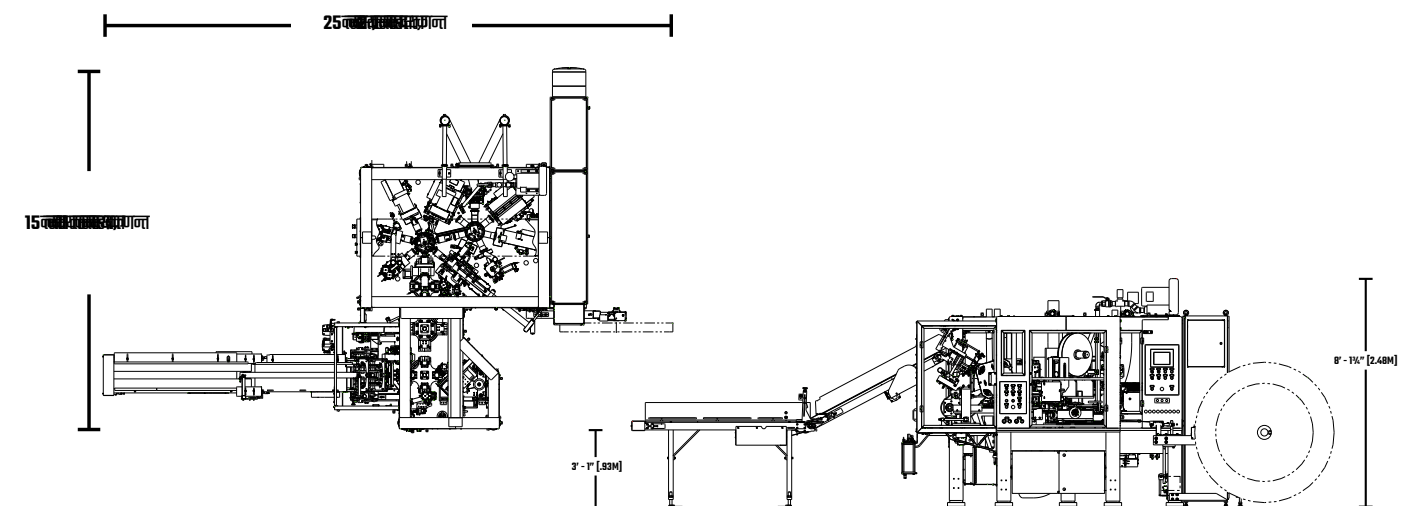


# MACHINE FLOOR PLANS

PL 300



EP 100





# UTILITY REQUIREMENTS

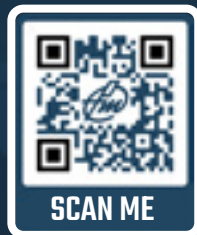
# FOR PMC MACHINES

MACHINE	ELECTRICAL	WATER	VACUUM	COMPRESSED AIR	VACUUM FOR BLANK FEEDER
PMC 1003	100 kVA 3PH @ 50 or 60 HZ	0.5 gal/min @ 20 lb/inch <sup>2</sup> Hg or 1.9 liter/min @ 1.4 kg/cm <sup>2</sup>	35 ft <sup>3</sup> /min @ 18inch Hg or .017 m <sup>3</sup> /sec @ 62 kg/cm <sup>2</sup>	135 ft <sup>3</sup> /min @ 90lb/inch <sup>2</sup>	N/A
PMC 1300	100 kVA 3PH @ 50 or 60 HZ	0.5 gal/min @ 20 lb/inch <sup>2</sup> Hg or 1.9 liter/min @ 1.4 kg/cm <sup>2</sup>	100 ft <sup>3</sup> /min @ 18inch Hg or .047 m <sup>3</sup> /sec @ 62 kg/cm <sup>2</sup>	225 ft <sup>3</sup> /min @ 80lb/inch <sup>2</sup>	35 ft <sup>3</sup> /min @ 18inch Hg or .017 m <sup>3</sup> /sec @ 62 kg/cm <sup>2</sup>
PMC 2001S	100 kVA 3PH @ 50 or 60 HZ	0.5 gal/min @ 20 lb/inch <sup>2</sup> Hg or 1.9 liter/min @ 1.4 kg/cm <sup>2</sup>	90 ft <sup>3</sup> /min @ 18inch Hg or .042 m <sup>3</sup> /sec @ 61 kg/cm <sup>2</sup>	125 ft <sup>3</sup> /min @ 80lb/inch <sup>2</sup>	N/A
PMC 2500S	105 kVA 3PH @ 50 or 60 HZ	0.5 gal/min @ 20 lb/inch <sup>2</sup> Hg or 1.9 liter/min @ 1.4 kg/cm <sup>2</sup>	90 ft <sup>3</sup> /min @ 18inch Hg or .017 m <sup>3</sup> /sec @ 62 kg/cm <sup>2</sup>	150 ft <sup>3</sup> /min @ 80lb/inch <sup>2</sup>	N/A
PMC OW 2001S	60 kVA 3PH @ 50 or 60 HZ	0.95 gal/min or 1.9 liter/min	90 scfm @ 18inch Hg or 2.5 m <sup>3</sup> /min @ 61 kPa	125 ft <sup>3</sup> /min @ 80lb/inch <sup>2</sup>	N/A
PMC OW 800	55 kVA 3PH @ 50 or 60 HZ	N/A	15 ft <sup>3</sup> /min @ 18inch Hg or .007 m <sup>3</sup> /sec @ 62 kg/cm <sup>2</sup>	65 ft <sup>3</sup> /min @ 18inch Hg or .031 m <sup>3</sup> /sec @ 5.6 kg/cm <sup>2</sup>	75 ft <sup>3</sup> /min @ 18inch Hg or 35 m <sup>3</sup> /sec @ .62 kg/cm <sup>2</sup>
EP 100	142 kVA 3PH @ 50 or 60 HZ	N/A	80 scfm @ 18inch Hg or 2.5 m <sup>3</sup> /min @ 61 kPa	65 scfm @ 80 psi or 1.8m <sup>3</sup> /min @ 5.5 bar 1-1/2 in min	N/A
PL 100	27.5 kVA @ 50 or 60 HZ	0.5 gal/min @ 20 lb/inch <sup>2</sup> Hg or 1.9 liter/min @ 1.4 kg/cm <sup>2</sup>	45 ft <sup>3</sup> /min @ 18inch Hg or 1.27 m <sup>3</sup> /sec @ 61 kPa	60 scfm	N/A
PL 300	130 kVA @ 50 or 60 HZ	1.5 gal/min @ 20 lb/inch <sup>2</sup> Hg or 1.9 liter/min @ 1.4 kg/cm <sup>2</sup>	45 ft <sup>3</sup> /min @ 18inch Hg or 1.27 m <sup>3</sup> /sec @ 61 kPa	60 scfm	N/A
HS 800	65 kVA 3PH @ 50 or 60 HZ	N/A	N/A	25 cfm @ 80 psi or .028 cmm @ 5.52 bar	N/A
LS 100	3.5 kVA 3PH @ 60 HZ	N/A	N/A	17 SCFM @ 80 psi (0.5)	N/A



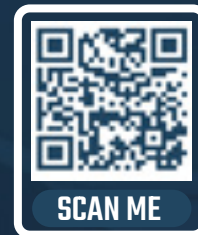
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**Contact your dedicated Paper Machinery Corporation  
sales representative for more information  
or to schedule a demonstration.**

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