



**SUSTAINABLE.
PRECISE.
VERSATILE.**

SHAPING A SUSTAINABLE TOMORROW



**PAPER
MACHINERY
CORPORATION**

Contact Paper Machinery Corporation's dedicated sales representatives
for **more information** or to **schedule a demonstration**.



TP3820 SERIES

Hydraulic Thermoforming Press

[explore.papermc.com](https://www.explore.papermc.com)

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TRAYS PLATES PACKAGING 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 Packaging



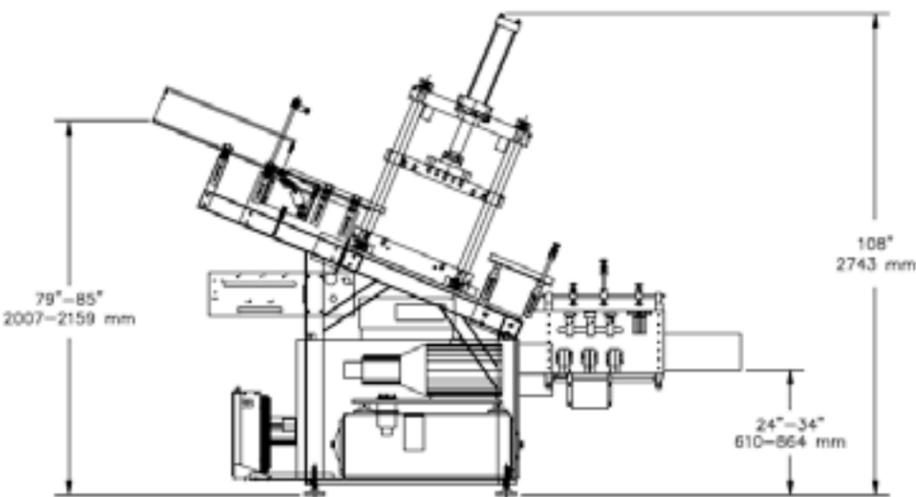
MACHINE SPECIFICATIONS

- 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

SYSTEM REQUIREMENTS

- ELECTRICAL:** 480 kVA 3 PH 60 HZ
- COMPRESSED AIR:** 100 psi
- MACHINE VACUUM:** 25 hg

FLOOR PLAN



DIE CART

THERMOFORMER DIE CART:
A safe and effortless method for installing and removing dies.



SPECIFICATIONS

FORMING DIES	3 STANDARD (UP TO 5 OPTIONAL)
USABLE BOLSTER AREA	38 in wide (965 mm)
MAXIMUM BLANK SIZE LxWxD	1 UP 20 in (508 mm) 27 in (940 mm) 20 in (508 mm) 2 UP 20 in (508 mm) 18.5 in (470 mm) 18.5 in (470 mm) 3 UP 20 in (508 mm) 11.9 in (302 mm) 11.9 in (302 mm) 4 UP 20 in (508 mm) 8.5 in (216 mm) 8.5 in (216 mm) 5 UP 20 in (508 mm) 6.6 in (167 mm) 6.6 in (167 mm)
HYDRAULIC MOTOR	25 hp
MAX FORCE	35,814 lbs (159.3 kN)
DIE HEATERS	5000 w Upper and 5000 w Lower
FEED SYSTEM	Pivoting Vacuum System

KEY POINTS

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

OPTIONS

- Automatic Stacker
- Lane 4
- Lane 5
- Die Cart - To aid in smooth change over/die loading and unloading
- Scheduled Heating - Allows for scheduled heat-up prior to shift