

# GENERAL SPECIFICATIONS FOR PEERLESS M24T PAPER PLATE AND TRAY FORMING MACHINES

## MECHANICAL SPECIFICATIONS

DESCRIPTION	M24T
LENGTH with Roll Stand and Counter-Stacker	25 FT (7.62 M) + additional 35 in (889 mm) for stacker removal
WIDTH/Floor space required for paper roll changes, maintenance access, etcetera	88 in (2.23 M)
HEIGHT (Press Section)	90.5 in (2.3 M)
WEIGHT (Approximate) Machine, Counter-Stacker, Vertical Lift Roll Stand	18,500 LBS (8,390 KG)
STEEL RULE CUTTING OR CUT/SCORE SECTION	75 Ton (665 kN)
FORMING SECTION	24 Ton (210 kN)
MAXIMUM ADJUSTABLE FORMING STROKE	5 in (127 mm)
MAXIMUM FORMING DEPTH	2 in (50.8 mm)
CUTTING STROKE WHILE IN PRODUCTION	.5 in (12.7 mm)
MAXIMUM CUT DIE OPENING FOR DIE SERVICE	3.5 in (88.9 mm)
INSIDE FRAMERAIL TO FRAMERAIL	24 in (609.6 mm)
MINIMUM ROLL WIDTH	11.5 in (292.1 mm)
MAXIMUM ROLL WIDTH	22.5 in (571.5 mm)
MAXIMUM ROLL DIAMETER	60 in (1524 mm)
MAXIMUM ROLL WEIGHT	1,800 LBS (816 KG)
AVAILABLE CORE SIZES	8 in, 12 in, 200 mm, 300 mm
MAXIMUM NUMBER WIDE OPERATION	3
MAXIMUM ROUND BLANK DIAMETER FOR 2 WIDE	11.625 in (295.3 mm)
MAXIMUM ROUND BLANK DIAMETER FOR 3 WIDE	7.875 in (200 mm)
MAXIMUM RECTANGULAR BLANK WIDTH FOR 2 WIDE	10.875 in (276.2 mm)
MAXIMUM RECTANGULAR BLANK WIDTH FOR 3 WIDE	7.125 in (181 mm)
MAXIMUM BLANK LENGTH (DEPENDING UPON PART GEOMETRY)	18 in (457.2 mm)
PRINT TO CUT REGISTRATION	± .015 in (.38 mm)
AIR CONSUMPTION	20 CFM at 80 PSI (9.5 L/S at 5.5 BAR)

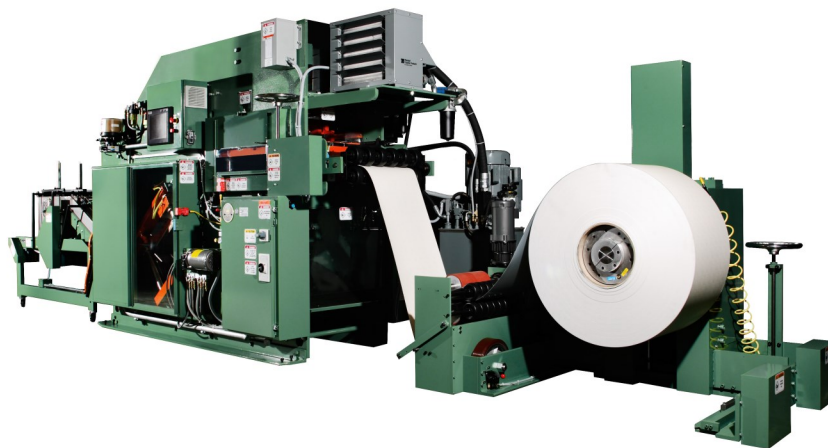
## ELECTRICAL SPECIFICATIONS

DESCRIPTION	M24T
STANDARD INPUT SPECIFICATIONS (Other voltages and frequencies are available upon request.)	240 V, 3 PH, 60 HZ
HYDRAULIC POWER UNIT [HIGH SPEED MODEL]	15 HP (11.2 KW) [25 HP (18.6 KW)]
FEED STEPPER DRIVE MOTOR	.75 HP (.56 KW)
COOLING UNIT MOTOR	.25 HP (.19 KW)
ROLL STAND PULL ROLL MOTOR	.75 HP (.56 KW)
STACKER MOTOR	1 HP (.75 KW)
DISCHARGE CONVEYOR MOTOR	.50 HP (.38 KW)
BASIC CONTROL CIRCUIT	24 V.D.C.
DIE HEATERS	240 V, 1 PH, 60 HZ
ESTIMATED POWER CONSUMPTION IN PRODUCTION [HIGH SPEED MODEL]	27.5 KW per Hour [36 KW per Hour]

The policy of Peerless Machine & Tool Corporation is one of continued improvement in both design & manufacture, wherever possible, to ensure a still finer product. Hence, specifications, equipment, and prices are subject to change without notice.

### M24T MACHINE LINE FEATURES:

- **Designed for narrow web converting applications and economics.**
- **Quick-tooling changeovers for maximum production flexibility.**
- **Operator ergonomics considered i.e. cut die height 52 in (1.3 M), internal forming die roller assist system, external forming die removal rack, easy access decurl unit, vertical lift roll stand, etcetera.**
- **Press-mounted control panels reduce floor space and installation requirements to a minimum.**
- **Vertical lift roll stand incorporating pay out rollers integral to the machine line.**
- **Utilizes steel rule cutting or cutting/scoring to reduce initial die cost and maintenance expenses.**
- **Adjustable forming section dwell and stroke allows machine setting to be tailored to each specific product resulting in optimum quality and production speeds.**
- **Programmable controller allows operator to set the machine up for optimum performance.**
- **Automatic lubrication system to assist in preventive maintenance.**
- **Interlock guarding for operator safety.**
- **Low noise levels during operation for operator safety.**



Peerless Machine & Tool Corporation  
1804 W. 2nd Street  
P.O. Box 385  
Marion, IN 46952

Phone: 765-662-2586  
Fax: 765-662-6067  
E-Mail: [peerless@peerlessmachine.com](mailto:peerless@peerlessmachine.com)  
Website: [www.peerlessmachine.com](http://www.peerlessmachine.com)

Peerless Machine & Tool, GmbH  
Arnold-Sommerfeld-Ring 2  
52499 Baesweiler  
Germany

Phone: INT+ 49-2401-4071  
Fax: INT+ 49-2401-7037  
E-Mail: [info@peerlessmachine.de](mailto:info@peerlessmachine.de)  
Website: [www.peerlessmachine.com](http://www.peerlessmachine.com)