GENERAL SPECIFICATIONS FOR PEERLESS M37T PAPER PLATE AND TRAY FORMING MACHINES

MECHANICAL SPECIFICATIONS

DESCRIPTION	M37T
LENGTH with Roll Stand and Counter-Stacker	28 FT (8.5 M) + additional 35 in (889 mm) for stacker removal
WIDTH/Floor space required for paper roll changes, maintenance access, etc.	10.5 FT (3.2 M)
HEIGHT (Press Section)	10.8 FT (3.3 M)
WEIGHT (Approximate) Machine, Counter-Stacker, Vertical Lift Roll Stand	31,500 LBS (14,288 KG)
STEEL RULE CUTTING OR CUT/SCORE SECTION	160 Ton (1421 kN)
FORMING SECTION	32 Ton (284 kN)
MAXIMUM ADJUSTABLE FORMING STROKE	7 in (177.8 mm)
MAXIMUM FORMING DEPTH	3 in (76.2 mm)
CUTTING STROKE WHILE IN PRODUCTION	.5 in (12.7 mm)
MAXIMUM CUT DIE OPENING FOR DIE SERVICE	4 in (101.6 mm)
INSIDE FRAMERAIL TO FRAMERAIL CUT/SCORE DIE SECTION	37.5 in (952.5 mm)
INSIDE FRAMERAIL TO FRAMERAIL FORMING SECTION	42.5 in (1.08 M)
MINIMUM ROLL WIDTH	20 in (508 mm)
MAXIMUM ROLL WIDTH	35.5 in (902 mm)
MAXIMUM ROLL DIAMETER	72 in (1.83 M)
MAXIMUM ROLL WEIGHT	4,050 LBS (1,837 KG)
AVAILABLE CORE SIZES	8 in, 12 in, 200 mm, 300 mm
MAXIMUM NUMBER WIDE OPERATION	5
MAXIMUM ROUND BLANK DIAMETER FOR 4 WIDE	9.5 in (241.3 mm)
MAXIMUM ROUND BLANK DIAMETER FOR 5 WIDE	7.625 in (193.7 mm)
MAXIMUM RECTANGULAR BLANK WIDTH FOR 4 WIDE	8.6 in (218.4 mm)
MAXIMUM RECTANGULAR BLANK WIDTH FOR 5 WIDE	6.85 in (174 mm)
MAXIMUM BLANK LENGTH (DEPENDING UPON PART GEOMETRY)	18 in (457.2 mm)
PRINT TO CUT REGISTRATION	± .015 in (.38 mm)
AIR CONSUMPTION	25 CFM at 80 PSI (11.8 L/S at 5.5 BAR)

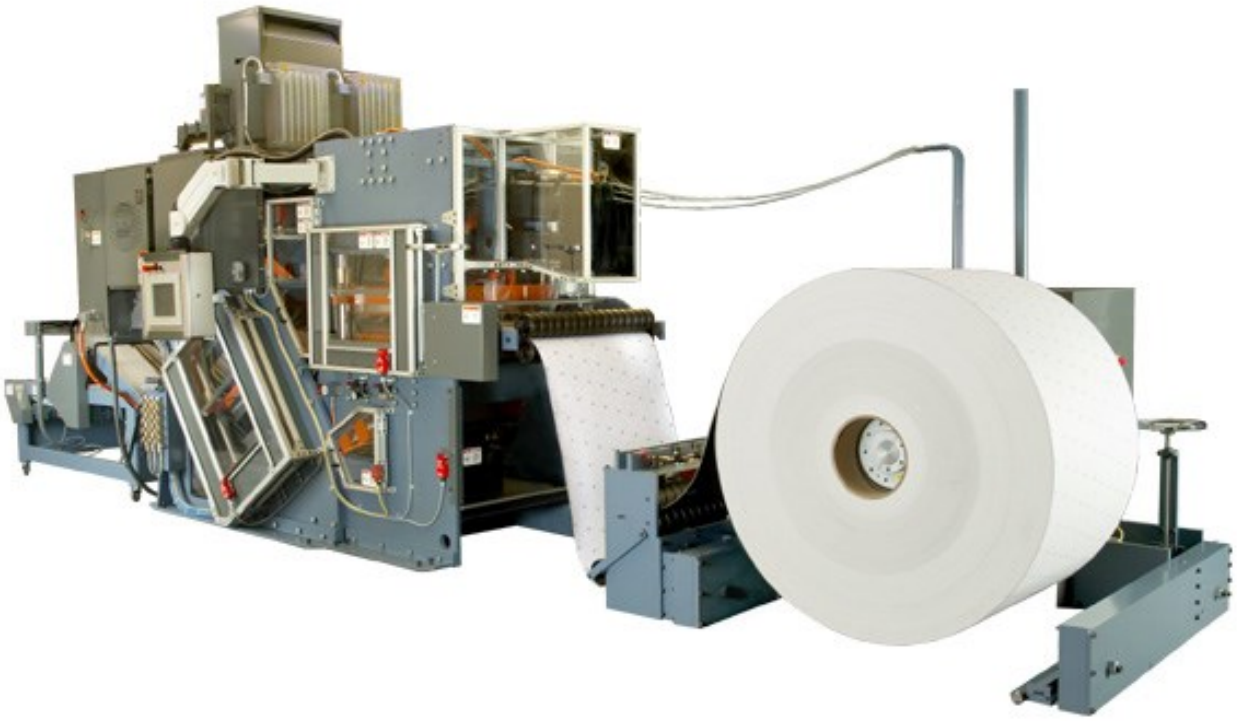
ELECTRICAL SPECIFICATIONS

DESCRIPTION	M37T
STANDARD INPUT SPECIFICATIONS (Other voltages and frequencies are available upon request.)	480 V, 3 PH, 60 HZ
MAIN SERVO DRIVE MOTORS	(2) 25 HP (18.6 KW)
FEED SERVO DRIVE MOTOR	.50 HP (.38 KW)
ROLL STAND PULL ROLL MOTOR	1 HP (.75 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	55 KW per Hour

M37T MACHINE LINE FEATURES:

- **Quick tooling changeovers for maximum production flexibility.**
- **Operator ergonomics considered i.e. vertical lift roll stand, easy access decurl, cut-score die height, forming die set installation/removal system, et cetera.**
- **Machine mounted control panels conserve floor space and installation requirements.**
- **P.C. controls support operator interface, temperature, feed and cut-score/forming motion control.**
- **Precision heavy-duty toggle system and four-pin die set insures accurate and repeatable steel rule die cutting and scoring capability.**
- **Utilizes steel rule cutting/scoring dies to reduce die cost and maintenance expenses.**
- **Innovative servomotor-roller screw drive units provide quiet dependable power for continuous 24-hour operation.**
- **Adjustable forming head dwell and stroke capability allows machine settings to be tailored to each specific product, resulting in optimum quality and production speeds.**
- **Automatic lubrication system to assist in preventive maintenance.**
- **Interlock guarding and low noise levels during operation for operator safety.**

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.



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