



# High Performance 27" Laminator

## PL-277HP

At last, a superb quality US made laminator to bridge the gap between school and expensive entry level commercial machines. It is capable of running all thermal laminating films up to 10 mil at speeds up to 16 FPM and can laminate a wide variety of substrates to 1/4" thick. Save energy by turning it on when you need it, warm up time is only five minutes. The options on this machine, include 3" supply mandrels, welded steel stand, additional slitters and additional feed guides. With the optional liner take up assembly, it is capable of applying, hot (thermal) laminates or cold (pressure sensitive laminates) as well. Due to the superior heat replacement characteristics of our exclusive patented heated roll system, the PL-227HP is particularly suited to simultaneous mounting and laminating on heat activated adhesive foam board. It produces a superior scratch and stretch free finish and a bond so aggressive that any attempt to peel off the laminated material will result in total destruction of the foam board.



This laminator is also available in a table top model with 1" core mandrels.

**Laminating Width:** 6" -27"

**Max Mechanical Speed:** 16 fpm Maximum

**Sustained Lamination Speed:** 1.2 Mil @ 230 degrees 16 fpm - 3 Mil @250 Degrees 7 fpm

**Laminates:** Polyester, Polypropylene, Nylon, Vinyl, and Other Plastics - Thermal or Cold

**Max Film Thickness:** 10.0 Mil

**Max Substrate Thickness:** .250

**Cooling Fans:** 4 @ 110 cfm ea. = 440 cubic feet per minute

**Warm Up Time:** About 5 min.

**Max Film Roll Diameter for 1.5 mil:** w/o stand 6", with stand 11"

**Stand:** Includes standard steel stand and 3" Mandrels

**Capable rollers:** Yes-Front Heat and Rear Pull Rollers

**Temperature Control:** Solid State - Digital Readout 2 degree hysteresis

**Motor / Speed Control:** DC High Torque Gear Motor / Solid State Variable, Both Air Cooled

**Slitters:** 2 Micro-Adjustable slitters included

**Heated Roll Watts:** 1350 ea (2700 combined), 9215 BTU's

**Electrical Requirements:** 240 Volt 60 Hz -1800 Watts- 20 Amp Dedicated Circuit

**Dimensions:** 38"W x 20"D 16"H -w/o stand 40"H-w/ stand

**Shipping Dimensions 2 Packages:** Laminator 18" x 43" x 20" / Stand 23" x 33" x 8"

**Weight:** Laminator and Stand 154 lbs

**Shipping Weight:** Laminator 92lbs - Stand 62lbs

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