



# High Performance Wide Format 44" Laminator

The PL-244WF is a high quality wide format 44" laminator capable of running all thermal laminating films thru 10 mil. at speeds up to 7 fpm. It can also mount a wide variety of substrates as thick as 1/4". With a warm up of about 6 minutes, the machine may be turned on when you need it, which translates into significant energy savings. Accessories include 3" supply mandrels, and welded steel stand. Our exclusive micro-adjustable slitters are available as an option for larger jobs. The PL-244WF laminator is perfectly suited for applying, hot (thermal) laminates or cold (pressure sensitive laminates) with the optional liner take up assembly.

Due to the superior heat replacement characteristics of our exclusive patented heated roll system, the PL 244WF 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.

The standard PL-244WF package includes a stand and 3" mandrels. There are several options available which include additional mandrels 1" or 3", wheels for the stand, core stops for rapid film changing, slitters, release liner winder and additional feed guides.

## PL-244WF



**Laminating Width:** 44"

**Max Mechanical Speed:** 7 fpm Maximum

**Sustained Lamination Speed:** 1.2 Mil @ 230 degrees 7 fpm - 3 Mil @250 Degrees 5 fpm

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

**Max Film Thickness:** 10.0 Mil

**Max Substrate Thickness:** .1875

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

**Warm Up Time:** About 6 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:** Optional Micro-Adjustable slitters available

**Heated Roll Watts:** 2400 ea (4800 combined), X BTU's

**Electrical Requirements:** 240 Volt 60 Hz, 2800 watts - 30 Amps Dedicated Circuit

**Dimensions:** 55"W x 20"D 16"H -w/o stand 40"H-w/ stand

**Shipping Dimensions 2 Packages:** Laminator 18" x 60" x 20" / Stand 23" x 33" x 8"

**Weight:** Laminator and Stand 300 lbs

**Shipping Weight:** Laminator 230lbs - Stand 70lbs (Ships by truck only)