

# ROTARY LAMINATOR



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## ROTARY LAMINATOR

The Union Series #15, 50" wide Rotary Laminator was designed to apply bonding pressure for the purpose of laminating two substrates or web materials together. Union Series #15 Rotary Laminators are available in any width up to 62" wide.

This Series #15 RL pinch roll machine incorporates two 6-1/2" diameter rolls with a 1" rubber covering. Both rolls are chain-driven through a 1/2 HP variable speed motor. The upper roll is adjustable in relationship to the bottom roll in a range from 0" to 4". A single handwheel raises or lowers mechanical stops located on each end of the machine. Air cylinders attached to the upper roll lowers the upper roll against these mechanical stops so that an accurate gap setting can be made. A mechanical digital indicator readout allows the operator an exact measurement of the gap setting.

The 4" diameter air cylinders provide an adjustable amount of laminating pressure up to a maximum of 1,300 pounds of pressure per cylinder at 100 psi. This relates to 52 pounds of line contact pressure per linear inch of a 50" wide machine. 6" diameter cylinders are also available for applications requiring even more pressure.

This laminator may be used in either a forward or reverse direction and includes a selector switch to control the direction. The raising and lowering of the upper roll is also controlled at the push-button station mounted to the machine. The machine is complete with a disconnect box. The standard voltage is 220/440 volt, 3 phase. The mounting location of the push-button controls and gap adjustment wheel can be specified by the customer.

A safety cable wrapped around the perimeter of the machine automatically stops the revolving rolls and fully raises the top roll when activated.

Other features that may be added to this machine include unwind stands (for roll materials), infeed and/or outfeed conveyors as well as rewinds or sheet stackers.

Call Union Tool for your laminating requirements.

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