

Table 6-1. ORCA-III Laminator Specifications

Characteristic	Specifications
Dimensions (L x D x H)	82" x 33" x 60" (2.1 x .84 x 1.52 m)
Weight	Uncrated: 2500 lbs (1179 kg)
Laminating Rolls	61" (155 cm) roll face with thermally conductive high release silicone surface; upper and lower main rolls internally heated; temperature controlled by state-of-the-art infrared sensors and digital PID controllers
Laminating Opening	1.5" (3.8 cm) maximum opening controlled with dual air cylinders.
Laminating Material	Uses heat activated and pressure-sensitive materials 0 - 55" (0 - 140 cm) wide on a 3" (7.6 cm) ID core
Laminating Speeds	0 to 14.5 fmp (0 to 4.5 mpm)
Post Lamination	Fanless cooling system provides uniform, filtered air for thermal shock without exposure to dangerous fan blades.
Vinyl Transfer	Complete roll to roll transfer, lamination, and edge trimming in one pass
Safety Features	<ul style="list-style-type: none"> • Two emitter-receiver photoelectric systems protect rolls from damage. • Emergency kick cables front and rear. • All electrical and moving mechanical parts are located in bolted cabinets • Four emergency stop buttons
Installation Requirement	<p>220 to 240 VAC, 50/60 Hz, 55 A. Or, in Europe only, 3-N phase, 32 A per phase.</p> <p>Air: 2 cfm at 100 psi, minimum (0.5 m³ at 700 vPa)</p>