PL-AUTO55-700M

Automatic Servo Knife Pleater

700 mm working width / 4-60 mm pleat height / Up to 400 pleats/min

700 mm
MAX. FEED & PLEATING WIDTH
27.56 in

4-60 mm
PLEAT HEIGHT RANGE
0.16-2.36 in

400 pleats/min
MAX. ADJUSTABLE SETTING
Verify sustained output in a trial

Engineering data

PLM published specifications

Parameter	Metric / as specified	US customary / equivalent
Slitting and feed speed	0.5-12 m/min	1.64-39.37 ft/min
Pleat profiles	N, M, W and specialty profiles	Confirm by sample
Maximum feed and pleating width	700 mm	27.56 in
Minimum slit width	15 mm	0.59 in
Pleat height	4-60 mm	0.16-2.36 in
Adjustable pleating speed	0-400 pleats/min	0-400 pleats/min
Installed motor power	4.5 kW total	6.03 hp equivalent
Heater rating and setpoint range	6 kW / ambient to 300 °C	20,473 Btu/h / ambient to 572 °F
Electrical supply as specified	380 V / 50 Hz	380 V / 50 Hz
Compressed air supply pressure	0.6 MPa	87 psi
Approximate machine weight	860 kg	1,896 lb

Supplied layout dimensions

L × W × H. Confirm with the quoted layout.

Pre-slitter	1,270 × 1,180 × 1,026 mm	50.00 × 46.46 × 40.39 in
Pleater	1,800 × 1,480 × 1,917 mm	70.87 × 58.27 × 75.47 in

Before selecting a configuration

Output 400 pleats/min is the upper machine setting. Verify sustained output of in-spec pleats with your media, web width, pleat height and pitch. Test the combination of settings you plan to run.

Utilities Motor ratings are 2 kW main servo, 2 kW knife servo and 0.5 kW lift stepper. The 6 kW heater is separate. Confirm voltage, phase, full-load current and air consumption before installation.

Fit Confirm media compatibility, required tooling, installation clearance and packed weight. Ask PLM to review alternative voltage or frequency requirements.