

SP1 AUTOMATIC SPLICER

A reliable solution that increases overall packaging line output

Benefits:

- Short Term Payback
- Reduce Waste Materials
- Increase OEE Up To 10 Points
- Manage Inconsistent Materials
- Eliminate Roll Change Downtime
- Efficient Management of Partial Rolls
- Precise Web Control Improves Performance

Packaging Applications:

- Pouches
- Bags
- Bundlers
- Flow Wrap



Standard Features

- ☑ Roll over roll configuration for small footprint
- ☑ One step splice head (butt splice, tape 1 side)
- ☑ Pneumatic roll drive lift
- ☑ Non-running roll drive position confirmation
- ☑ Dual-acting cylinder mainframe nip with FDA compliant material
- ☑ Soft metric construction
- ☑ Splice actuation via Diameter Sensing
- ☑ Splice imminent/splice occurred output signals
- ☑ Web break detection
- ☑ Web break recovery up to 120 ft/min (37 M/min)
- ☑ Swing out roll shafts
- ☑ Web up assist chain
- ☑ Metal detectable wire ties
- ☑ Surface belt driven roll positions
- ☑ Sealed stainless steel bearings
- ☑ Air filtration system
- ☑ Air intake pressure monitoring
- ☑ IDEC graphic HMI
- ☑ Allen Bradley MicroLogix PLC
- ☑ Electric sidelay +/- 1" (25 mm)
- ☑ Control panel includes all UL, CUL, & CE listed industrial components



Available Options

- ☑ Splice actuation via Reverse Unwind
- ☑ Splice actuation via Core Sensor
- ☑ Splice actuation via End of Roll
- ☑ Heat seal butt splice head
- ☑ Bi-directionally adjustable register splice
- ☑ Integrated vacuum pump
- ☑ Splice position signal
- ☑ Auto Web Alignment
- ☑ Stainless steel frame, control box and base plate for non-caustic applications
- ☑ PDG Web Guide
- ☑ Stainless steel idler rollers
- ☑ Adjustable exit idler
- ☑ Mini Dancer
- ☑ 90 degree web turn angle bar
- ☑ Easy lift with swing out roll shaft elevator
- ☑ Light tower
- ☑ 3A dairy feet
- ☑ CAT 3 PLd safety upgrade
- ☑ Regional electrical requirements
- ☑ CE certification
- ☑ UL certified panel



SP1 Technical Specifications

| | US | Metric | | US | Metric | |
|-------------------------|--|---------------|----------------------|---|---------------|--------|
| Web Width: | 13 in | 330 mm | Maximum Roll Weight: | 275 lb | 124.74 kg | |
| | 19 in | 483 mm | | Material Specification: Paper, Plastic, Poly and Metalized Substrates | | |
| | 25 in | 635 mm | Core Diameter: | | 3 in | 76 mm |
| | 29 in | 737 mm | | | 6 in | 152 mm |
| | 35 in | 889 mm | | Up to 12 micron (.47 mil) thickness | | |
| Custom sizes on request | | | | | | |
| Maximum Roll Diameter: | 18 in | 450 mm | Power: | 230 Volt, 8 Amps | | |
| | 24 in | 600 mm | | 50/60 Hz, Single Phase | | |
| Line Speed Range: | < 30 ft/min (9.14 M/min) up to 600 ft/min (182 M/min) | | Air Consumption: | 2 SCFM | | |
| | | | | (56 L/min) @ 80 psi (5.6 Bar) | | |



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