



DAVIS-STANDARD®

Where your ideas take shape.



Unwinding
& Winding

SURFASTART 1000 WINDER

OVERVIEW

Continuous single drum surface winder for in-line slitting and winding large diameter rolls of heavier paper grades or non-woven materials at speeds up to 300 MPM (1000 fpm) with high productivity and minimum scrap generation.

Note: Above SurfaStart 1000 shown without side guards.

TECHNICAL SPECIFICATIONS

Winder Width Range	40-120 in (1000-3000 mm)
Winding Speed Range	10-1000 ft/min (3-300 m/min)
Maximum Roll Diameter	60 in (1500 mm)
Core Sizes (I.D.)	6 in+larger (152 mm+larger)
Roll Weight	10000 lbs (4500 kg)

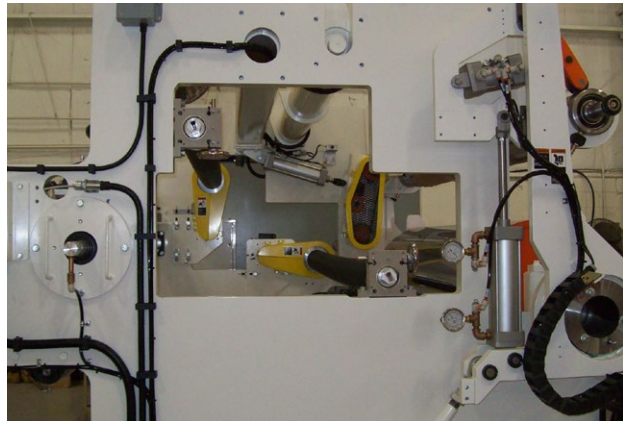
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FEATURES INCLUDE

- Tangential shear slitting sections for clean slitting
- Easy Bottom Slitter Removal system for minimal downtime during slitter changes
- Single or dual bowed roll spreading system for positive and clean slit separation
- Open framing for ease of threading and viewing of slit width separation
- 24" (610 mm) diameter winding drum for large footprint nip control
- Servo Controlled Transfer Knife System for high reliability
- Servo Controlled Primary Arm Indexing System for exact position control
- Programmed Precision Nip Control System for good roll density control
- Core Shaft Weight Relief System for precise nip control from the first to last wrap
- Integrated Roll Ejection System and stopping brake for quicker roll removal
- Touch screen operator interface terminal and Allen-Bradley ControlLogix™ PLC
- Factory rewired and piped for ease of installation and faster start-ups
- Optional integrated automatic roll and shaft handling system for maximum production efficiency and safety
- Optional Davis-Standard Secure Support System (DS5) for online diagnostics



SurfaStart 1000 Winder



Easy Bottom Slitter Removal and Dual Bowed Roll Spreaders



Servo Positioned Primary Arms and Transfer Knife System