



# DAVIS-STANDARD®

Where your ideas take shape.



## Unwinding & Winding

## SINGLE POSITION WINDER

### OVERVIEW

Davis-Standard Single Position Winder's unitized design is for precise winding of web materials into large diameter rolls with precise in-wound tension control.

Note: Above Single Position Winder shown without guarding.

### TECHNICAL SPECIFICATIONS

Winder Width Range	36-84" in 6 inch increments .9-2.1 mm in 150 mm increments
Winding Speeds	500 FPM (150 mpm) 1000 FPM (300 mpm)
Maximum Tension 3 inch (77mm) Cores	Low Tension - 75 lbs (330 kg) High Tension - 150 lbs (660 kg)
Maximum Tension 6 inch (150mm) Cores	High Tension - 225 lbs (1000 kg)
Maximum Roll Diameter	40 in (1000 mm)
Core Sizes (I.D.)	3 and/or 6 inches 77 and/or 150 mm
Maximum Roll Weight	4000 lbs (1800 kg)

# SINGLE POSITION WINDER

## FEATURES INCLUDE

- Safety chucks with optional pneumatic latching for high speed applications
- Lay-on roll carriage mounted on precision linear bearings for precise nip loading
- Pneumatic programmed nip loading pressure control system
- Gap winding with lay-on roll carriage retracted
- Electronic automatic tension control with transducer feedback
- 6 inch (152 mm) diameter aluminum idler rolls with option of anodized aluminum
- Optional servo automatic edge guiding and centering system with precision linear bearings
- Optional static control system
- Optional panelview operator interface station
- Unitized design, factory prewired and piped for ease of installation and faster start-ups

