



DAVIS-STANDARD®

Where your ideas take shape.



Sheet

Turret Winders

Overview

Davis-Standard's integrated-solution turret winders compliment our world class sheet systems. Robust side frame and turret assembly construction are specifically designed for the required sheet extrusion processing condition. Standard widths range from 36 to 300 inches. Roll diameters are designed to suit the application. Models include multi-operator functioned zero/slow speed manual-cut and transfer single or multi-lane web winding units, or complete hands-free auto-cut and transfer single and multi-lane winding assemblies.

Features

- Robust machine assembly, precision machined and aligned, for roll edge conformity and roll hardness quality
- Pre-programmed, integrated PLC winding control logic
- State-of-the-art web tension control systems with drive roll build-up taper function
- Energy efficient AC center drives
- Touch screen operator control
- Pre-tested at factory prior to shipment
- OSHA safety compliance

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Optional Features

- Turret winders with two, three or four spindles
- Cantilever turret style offered within design limits
- Precision web tension control via load cell or dancer
- speed-trimmed spindles with taper tension during roll build up
- Lay-on roll
- Enveloper
- Auto-cut and transfer via pneumatic actuated or servo-driven blade, or rotary shear device, patent pending
- Accumulators
- Phantom axis design
- Roll off unloading, shaft extraction
- Pneumatic air shafts, core lock or differential, pneumatic air chucks
- Static elimination
- Web spreader systems
- Web turning bars
- In-feed pull rolls
- Roll footage counters