



DAVIS-STANDARD®

Where your ideas take shape.



Sheet

A-Frame Winders

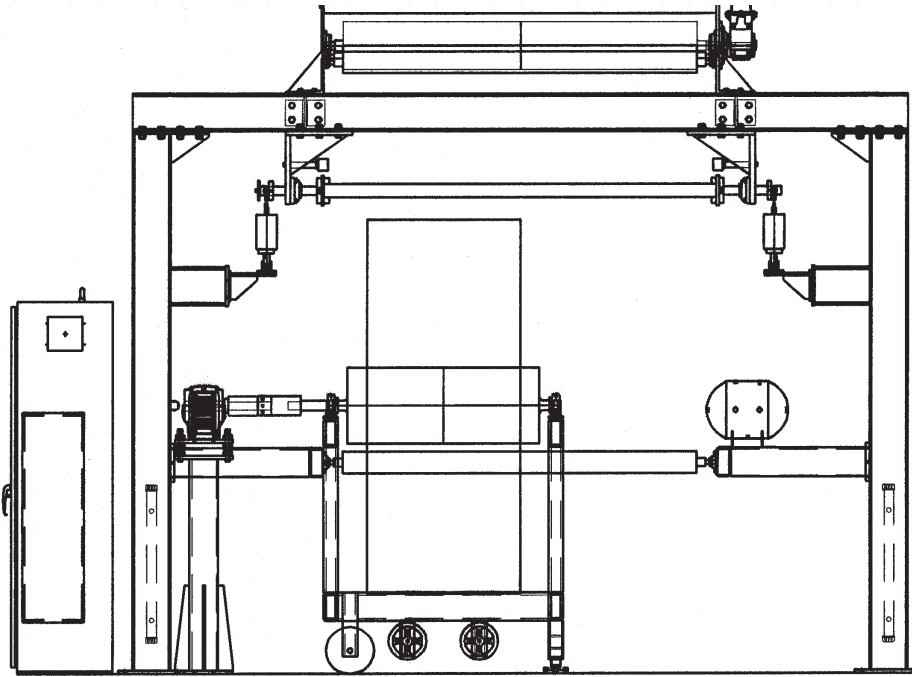
Overview

Davis-Standard's integrated-solution A-Frame winders are typically offered for applications requiring sheet to be wound to large roll diameters. The A-Frame is utilized as a multi-function stand, first as a winder for the sheet line process and secondly as an unwind to feed a thermoform machine or other downstream secondary unwind application. Due to the large wound roll diameters and roll weights involved, this design is typically applied to in-plant operations. The larger roll diameters provide increased sheet footage on the reel, reducing the number of reel changes during a manufacturing shift for the secondary downstream operation. Standard widths range from 36 inches to 80 inches and custom application widths up to 300 inches. Roll diameters typically range from 60 inches to 144 inches with shaft diameter sized by application.

Features

- In-feed accumulator and pull roll for reel transfer sequence of events
- AC center drive shaft winding in lieu of hydraulic drives for better roll build-up quality.
- Standard roll build-up taper function
- Optional state-of-the-art web tension control systems
- Roll away A-frames
- Pre-tested at factory prior to shipment
- OSHA safety compliance

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Optional Features

- Multi-station A-frames and gantries for multi lane winding
- Auto-cut manual transfer devices
- Lay-on roll
- Pneumatic air shafts, pneumatic air chucks, solid shafts
- Static elimination
- Web spreader systems
- Roll footage counters

ROLL WIDTH - INCHES

Core OD	36	48	60	72	84	96
6-inch	3637	4849	6062	7274	8486	9699
8-inch	3608	4811	6014	7217	8420	9623
10-inch	3572	4762	5953	7144	8334	9525

WEIGHT
LBS

ROLL WIDTH - MILLIMETERS

Core OD	915	1220	1525	1830	2130	2435
150mm	1659	2201	2752	3302	3853	4403
200mm	1638	2184	2730	3277	3823	4369
250mm	1622	2162	2703	3243	3784	4324

WEIGHT
KG

Roll weight estimate at 1.0 specific gravity, 60-inch roll diameter