

OWD300 Standard Web Tension Drive System



The **OWECON OWD300 Standard Web Tension Drive System** is part of the new generation of digital tension control systems

- ✓ Flexible solutions, data bus, remote communication and integration simplicity
- ✓ Teach – and Tare functions for optimum ease of setup. Plug & Play installation
- ✓ 4,3" TFT 256 color 480 x 272 pixel touch screen in-box version
- ✓ Complete standard drive solutions for winding and intermediate application
- ✓ Both AC vector and servo drives. Ranges from 0,55 kW to 35 kW
- ✓ Designed to meet UL and CE requirements

Typical applications:

Open Loop Unwind

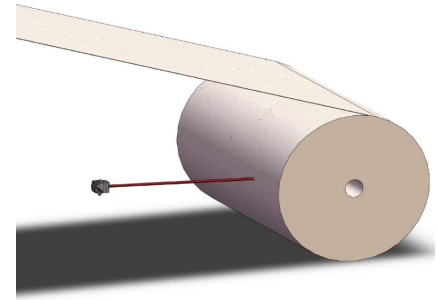
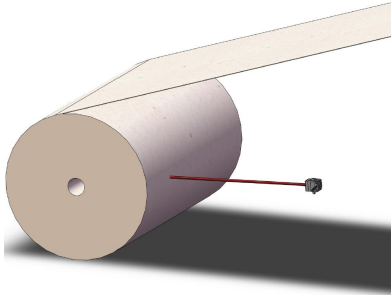
- Diameter calculation
- Start/Stop functions
- Clutch – drive combination

OWD310 Open Loop Vector Drive

- Low speed – Low Tension applications
- Laser Sensor
- Ultrasonic Sensor
- Proximity switch pulse

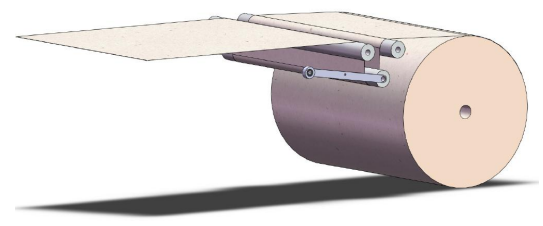
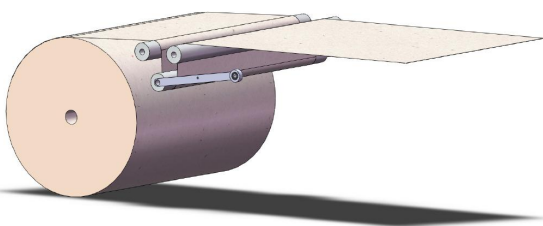
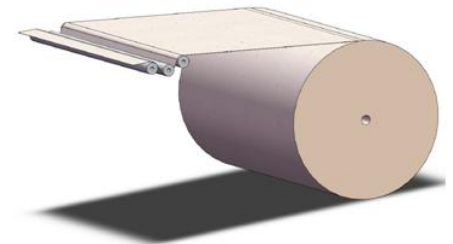
Open Loop Rewind

- Tapered tension algorithm
- Clutch control
- Inertia compensation



OWD320 Closed Loop Vector Drive

- Loadcell control rewind
- Dynamic PI loop



Closed Loop Unwind

- Diameter calculation
- Progressive PID loop
- Controlled fast stops
- Start/Stop functions

OWD320/330 Vector Drive or Advanced Servo

- Loadcells
- Proximity switch pulse
- Dancer arm level sensor
- Motor encoder / resolver

Closed Loop Rewind

- Tapered tension algorithm
- Inertia compensation
- Loadcell - Dancer combination