

Center Winder

The Center Winder roll-off unit provides wrinkle-free unwinding/rewinding of flexible, rolled materials. The pneumatic shaft can easily handle rolls up to 100 kg/220 lbs.

The center winder can accommodate heavy rolls (up to 100 kg / 220 lbs) on a highly stable shaft that secures the core with pressurized air. This allows for flawless unwinding of rolled materials. Shaft locks on each side permit easy roll changes without the need for tools. The system lends itself very well to using lifting aids for switching heavy rolls. A dancer system maintains constant mate-

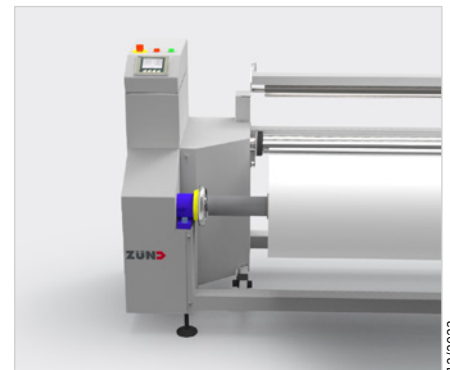
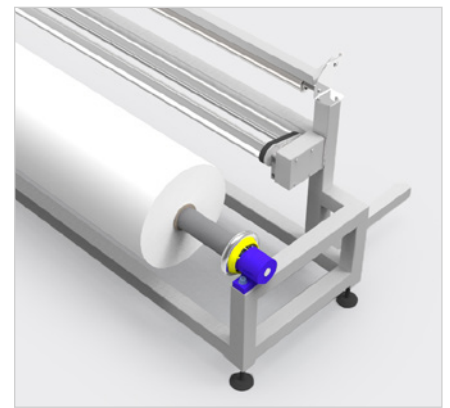
rial pressure and is adjustable from 2 to 6 kg. In addition, the dual dancer bars can also be used as passive roll-off unit for smaller, lighter rolls (e.g. remnants).

When in use, the pneumatic shaft locks the roll in place after each advance, which keeps the roll from recoiling or unraveling.

When the system detects the end of the roll, unwinding stops automatically. This is the

case even if the end of the roll is taped to the core.

The motor-driven center winder can not only unwind but also re-wind materials automatically, which is the perfect solution for returning materials back onto the core. This rewind function requires the optional bi-directional conveyor system.



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Details

Available for G3, D3 L, XL, 2XL, 3XL.

Max. weight of roll on shaft: 100 kg / 220 lbs.

Max. weight of roll on dual dancer bars: 40 kg / 88 lbs.

Outer roll diameter 80 - 350 mm / 3.1-13.8".

Core diameter 3" (76.2 mm).

Tension settings adjustable from 2-6 kg.

Max. advance-/unwind speed: 700 mm/s / 27.6"/s.

Advantages at a glance

Wrinkle-free unwinding/rewinding of flexible rolled materials.

Clockwise/counter-clockwise unwinding possible (processing of outward or inward-wound rolls).

No tools required for roll changes.

Simple, efficient processing of roll remnants.

Userfriendly setup/threading process.