



Central-Contact-Gap Winder ZKW



Diameter of finished roll
max. 1200 mm
(optional up to 1500mm)

Working width
1000 - 3000 mm

Production speed
5 - 300 m/min

Material thickness
10 - 250 µm

Application

Ideally suited as fully automatic blown film winder and also for processing film, paper, laminates.

Alternatively used instead of turret winder, no open rotation phase.

Advantages

- ▶ excellent winding results, also with difficult materials, e.g. coex materials
- ▶ no web accumulator necessary
- ▶ high performance (up to 300 m/min)
- ▶ safe winding shaft change and winding start during operation without machine stop, therefore ideally suited for in-line operation
- ▶ easy switch from contact (surface) winding to centre-contact winding and to gap winding (set gap between contact roller and winding shaft)
- ▶ alternatively used instead of turret winder, no open rotation phase
- ▶ simple handling of heavy winding shafts with integrated winding shaft handling device (optional)
- ▶ processing of woven and non-woven with optional cross cutting device with crushing knife. The cutting line of a tubular film will be squeezed close



Questions?

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Advantages

- ▶ high operator protection by functional safety devices
- ▶ Multiple retrofits possible
- ▶ compact and robust, floor space saving design
- ▶ integrated switch cabinet
- ▶ minor maintenance required
- ▶ excellent cost/performance ratio

Functional Highlights

- ▶ easy switch from contact (surface) winding to centre-contact winding and to gap winding (set gap between contact roller and winding shaft) selectable
- ▶ constant, defined web tension at various production speeds for reproducible winding results
- ▶ winding with defined contact pressure of driven contact roller, central drive optional

Options

- ▶ cord spreader for wrinkle-free stretching of film, easy adjustable by hand wheels
- ▶ dancer for adjustable web tension
- ▶ winding shaft handling to assist operator in handling particular heavy winding shafts
- ▶ device for processing thick tubular film, e.g. needle perforation device to avoid air being trapped at winding start
- ▶ strip cutting device with cassette knives with seam cut and scrap removal (vacuum)
- ▶ servo drive for central-contact winding
- ▶ cross cutting device with crushing knife (specially used for tubular film)
- ▶ central drive



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