

## Turret Winders AW



**AW - E** with winding shaft support

**AW - C** with shaftless reel support  
between two side frames

**AW - S** with shaftless reel support  
on the indexing system



**The world  
of winding**

**Soma<sub>tec</sub>**

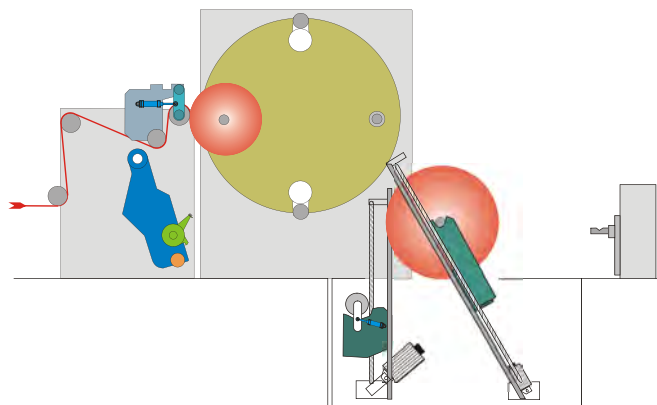
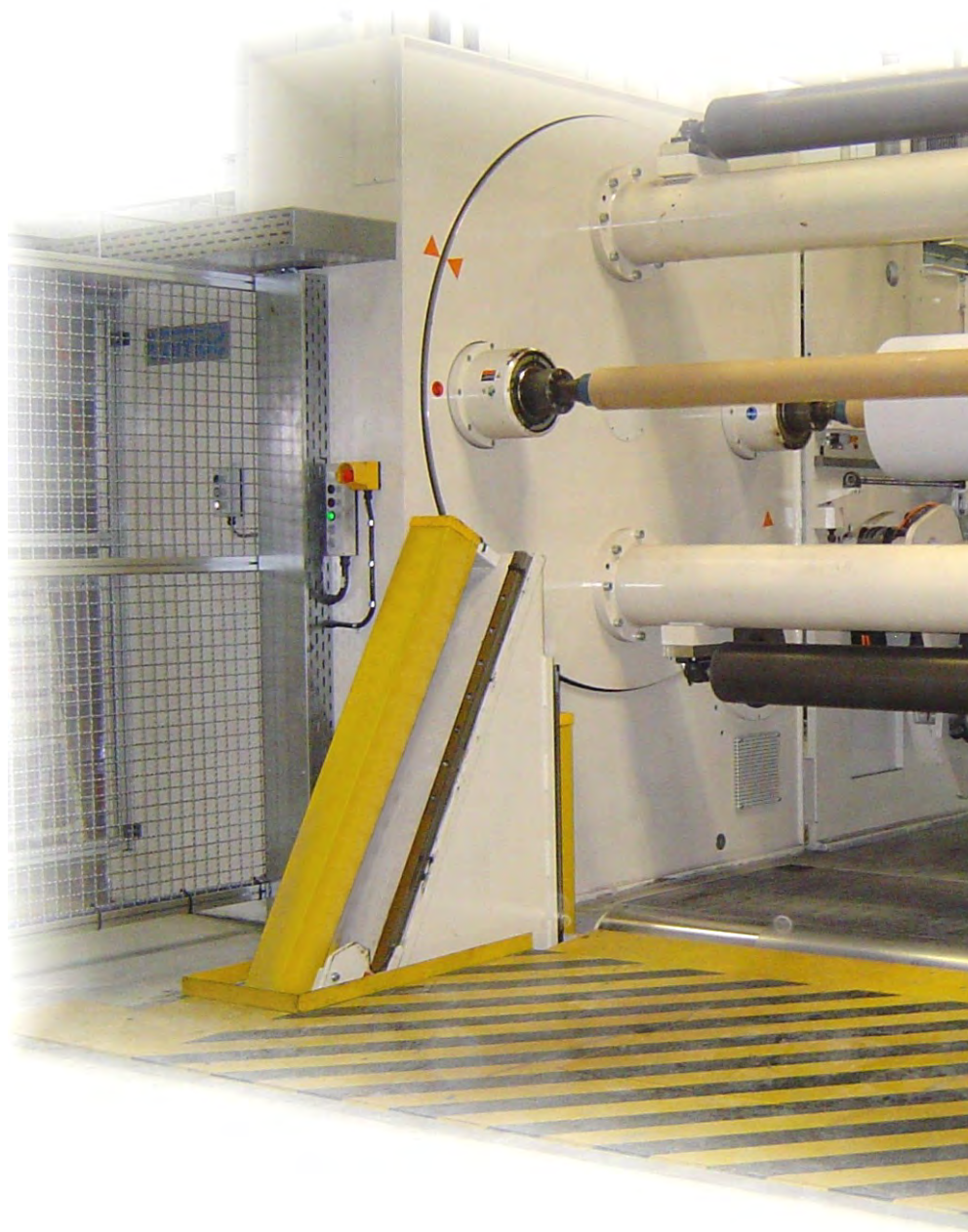
# Turret Winder AW - E – with winding shaft support

The application range of this winder expands from printing lines to the paper production and paper converting industry, but is also perfectly suitable for other tasks, where flat webs have to be wound continuously onto winding shafts.

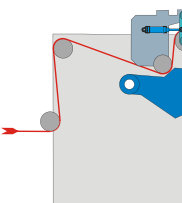
In order to wind easily also heavy reel weights, optional a motor-driven load relieving roll is offered.

The Turret Winder AW-E is characterized by the following advantages:

- Winding of reels up to 1.500 mm (60") diameter
- Heavy reel weights up to 3500 kg (7700 lbs)
- Reel support on expansion winding shafts with minimum 100 mm (4") diameter
- Automated reel change up to maximum production speed onto prepared cores
- Contact roll assembly for contact winding mode and gap winding mode
- Optional load relieving roll for reel support at heavy reel weights
- Optional edge trimming or multi-web slitting, product-dependent as blade cut, scissors cut or squeeze cut
- Optional reel handling and winding shaft handling



Winding process and reel unloading with unloading fork arms



Winding with load





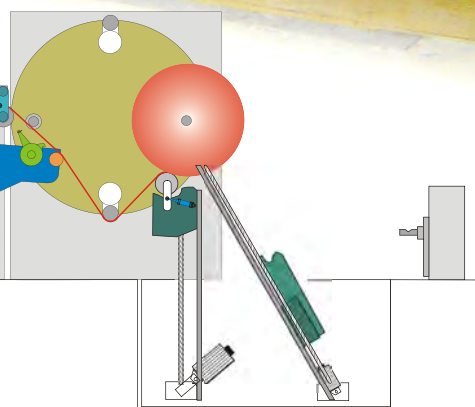
Load relieving roll



Unloading fork arms for reel deposit on floor level



Winding shaft holder in combination with a floor conveyor



relieving roll shortly before reel change

### Technical data's

Reel diameter:	max. 1500 mm (60")
Reel weight:	max. 3500 kg (7700 lbs)
Material width:	max. 2500 mm (98")
Speed:	max. 600 m/min (2000 fpm)
Other data's are available on request	



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# Turret Winder AW - C – with shaftless reel support between

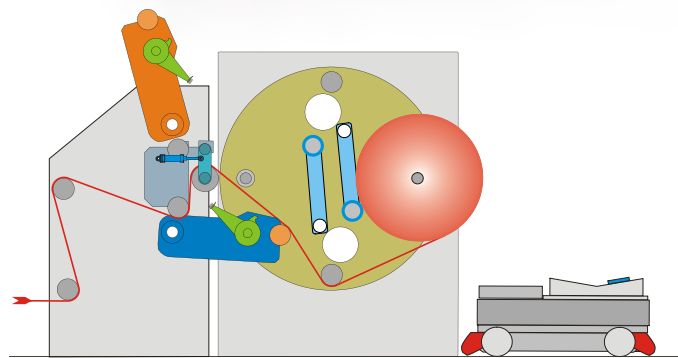
The Turret Winder AW-C is also mainly used in the printing industry as well as in the paper converting and paper finishing industry.

By the adjustable chucks arranged within the side frames the reel can be supported shaftless. The movement of the chucks allows a width difference of up to 700 mm (27.5").

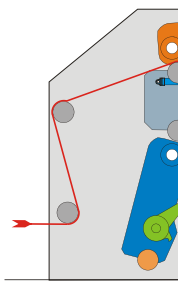
Optional available rider rolls are taking care for sensitive materials during indexing.

The Turret Winder AW-C is characterized by the following advantages:

- Shaftless reel support with minimum 76 mm (3") core inner diameter
- Winding of reels up to 1.500 mm (60") diameter
- Heavy reel weights up to 5000 kg (11000 lbs)
- Automated reel change up to maximum production speed onto prepared cores
- Contact roll assembly for contact winding mode and gap winding mode
- Optional motor-driven rider rolls for optimization of the winding quality
- Optional edge trimming or multi-web slitting, product-dependent as blade cut, scissors cut or squeeze cut
- Optional reel handling



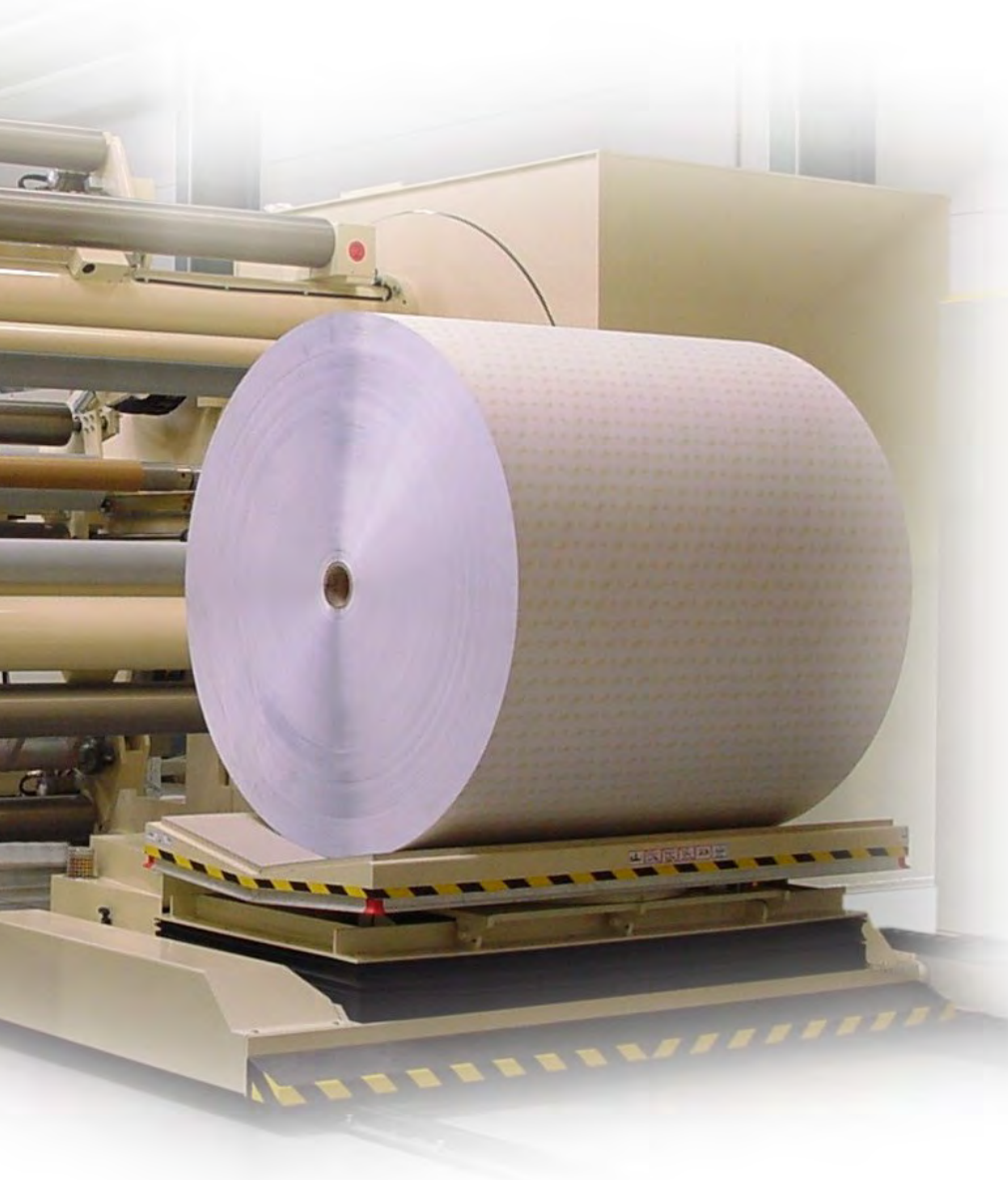
Reel change with lower reel change system TAC



Reel change with



between two side frames



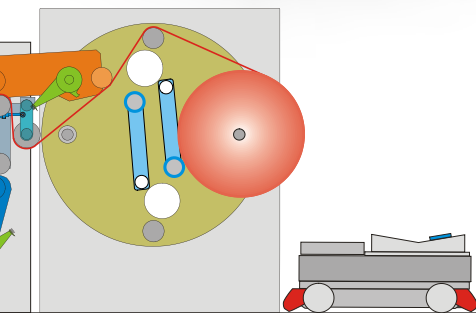
Motorized driven chucks



Two reel change systems TAC for reel change in both winding directions



Rider rolls for optimization of the winding quality during reel change



upper reel change system TAC

### Technical data's

Reel diameter:	max. 1500 mm (60")
Reel weight:	max. 5000 kg (11000 lbs)
Material width:	max. 3000 mm (118")
Speed:	max. 600 m/min (2000 fpm)
Other data's are available on request	



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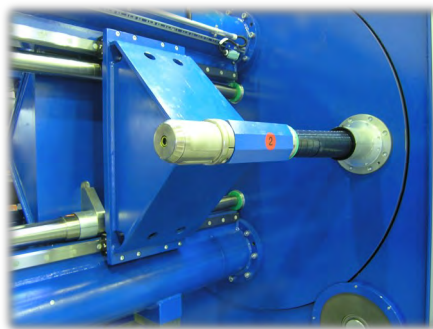
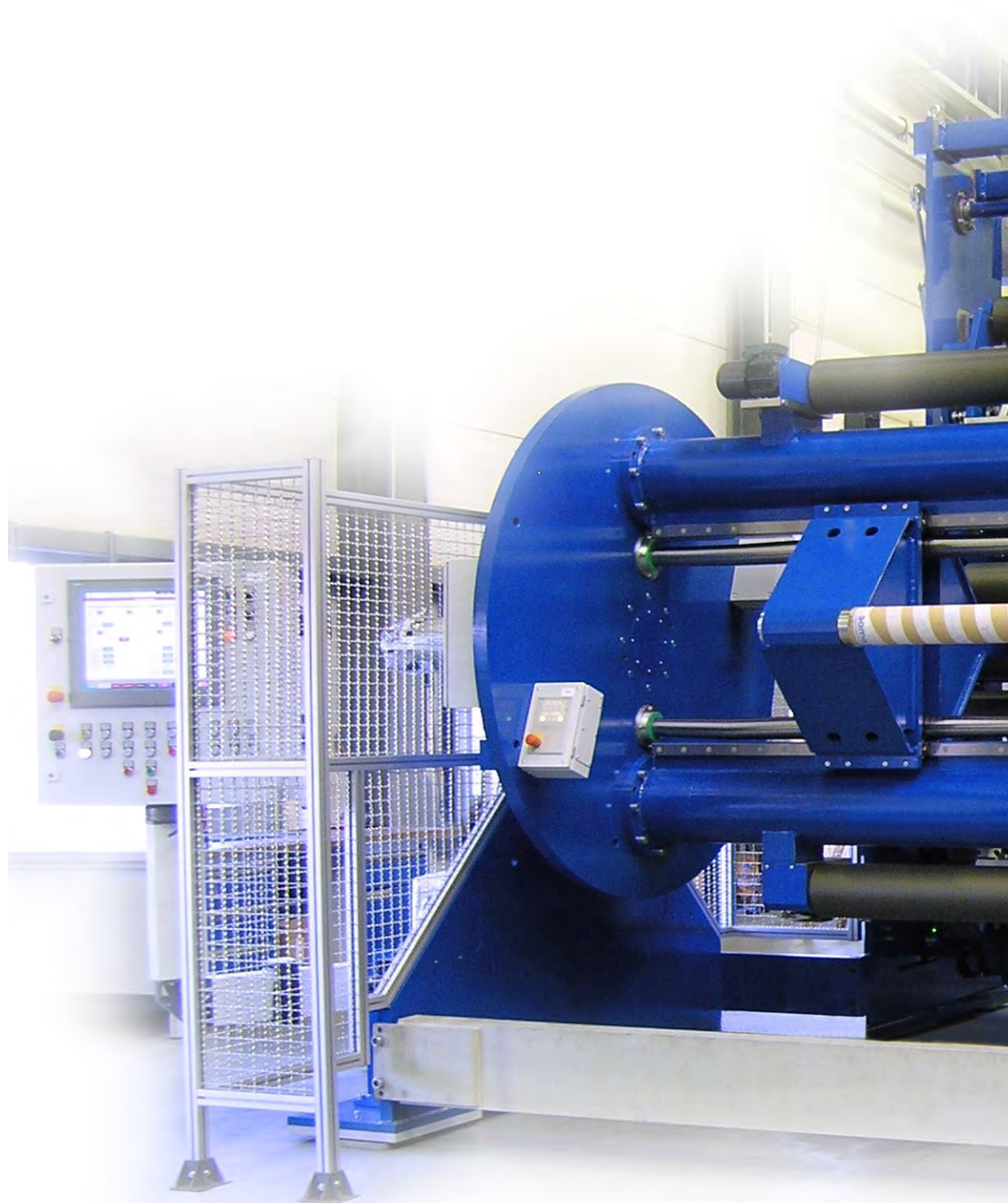
# Turret Winder AW - S – with shaftless reel support on the

By the shaftless reel support of the Turret Winder AW-S between the chucking slides on the indexing system reels with most different working widths can be supported.

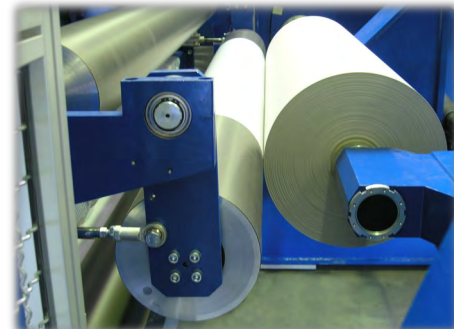
Optional available rider rolls are taking care for sensitive materials during indexing.

The Turret Winder AW-S is characterized by the following advantages:

- Shaftless reel support with minimum 76 mm (3") core inner diameter
- Support of most different core lengths
- Winding of reels up to 1.500 mm (60") diameter
- Heavy reel weights up to 5000 kg (11000 lbs)
- Automated reel change up to maximum production speed onto prepared cores
- Contact roll assembly for contact winding mode and gap winding mode
- Optional motor-driven rider rolls for optimization of the winding quality
- Optional edge trimming or multi-web slitting, product-dependent as blade cut, scissors cut or squeeze cut
- Optional reel handling available



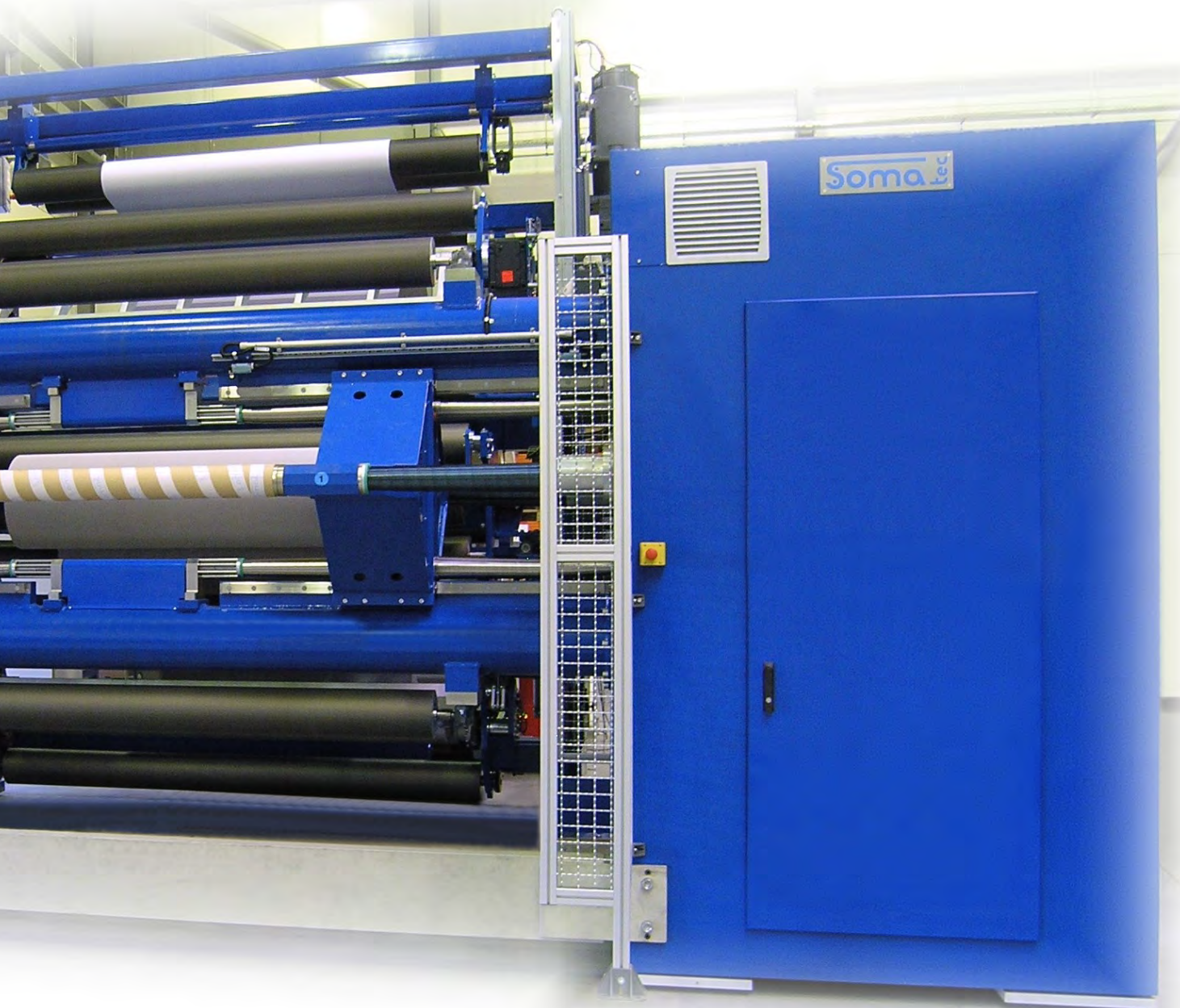
Shaftless reel support



Contact roll assembly



# indexing system



Reel unloading with lifting table

## Technical data's

Reel diameter:	max. 1500 mm (60")
Reel weight:	max. 5000 kg (11000 lbs)
Material width:	max. 3000 mm (118")
Speed:	max. 600 m/min (2000 fpm)
Other data's are available on request	

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## Our product range

- In-line and off-line unwinders and rewinders
- Re-reelers / Slitter-Rewinders
- Accumulators
- Reel handling equipment
- Winding components

## Our services

- Consulting
- Technical development
- Project engineering
- Design and manufacturing
- Assembly and commissioning at SOMATEC and at customer's site
- Complete automation and integration within new or existing lines
- Retrofitting of existing machines and lines



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