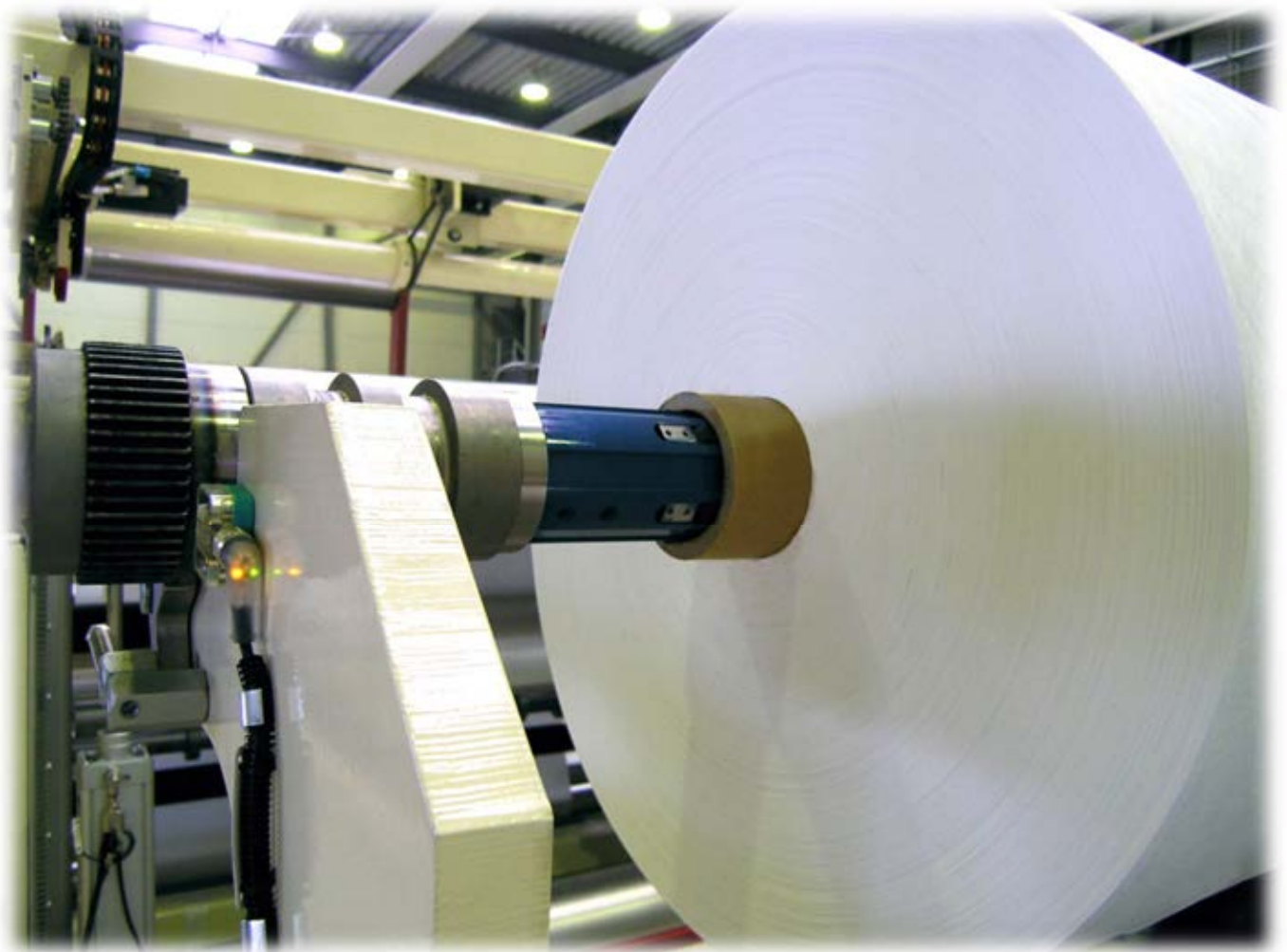


Surface Winders SW



SW - E the economic solution

SW - S universal und versatile

SW - R for largest reel diameters



**The world
of winding**

SomaTec

Surface Winder SW - E – the economic solution

By the compact design and the focus on the essential functions a cost-effective automatically winder was created, which needs in it's basic version only one drive. Nevertheless all actual requirements for a modern and safe winding machine are fulfilled.

The Surface Winder SW-E is characterized by the following advantages:

- Automated reel change up to maximum production speed onto prepared cores
- Compact design, therefore large winding diameters are possible in a localized manner
- Optimal winding conditions by surface winding from the first to the last layer, thereby no lateral misalignment at multi-web winding
- Winding tension and contact pressure are selectable with individual characteristics
- 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 slide with center drive



Edge trimming and slitting (scissors cut)



Technical data's

Reel diameter:	max. 1500 mm (59")
Reel weight:	max. 1000 kg (2200 lbs)
Material width:	max. 2000 mm (79")
Speed:	max. 200 m/min (650 fpm)

Other data's are available on request



**The world
of winding**

Soma Tec

Surface Winder SW - S – universal and versatile

Besides the compact design the advantage of this surface winder is mainly the additional extensibility for most different demands.

A special feature is the support roll, which supports the reel during the whole winding process from below. So a bending of the winding shaft - especially during multi-web winding - is avoided effectively. Furthermore the additional drive of the support roll ensures an enhanced winding result.

- Optional edge trimming or multi-web slitting, product-dependent as blade cut, scissors cut or squeeze cut
- Optional reel handling and winding shaft handling



Center drive

The Surface Winder SW-S is characterized by the following advantages:

- Automated reel change up to maximum production speed onto prepared cores
- Winding tension and contact pressure are selectable with individual characteristics
- Compact design, therefore large winding diameters are possible in a localized manner
- Motor-driven support roll for optimal reel support
- Optional also gap winding mode with additional center drive possible
- Optimal winding conditions by surface winding from the first to the last layer, thereby no lateral misalignment at multi-web winding





Multi-web slitting (scissors cut)



Technical data's

Reel diameter:	max. 1800 mm (71")
Reel weight:	max. 1500 kg (3300 lbs)
Material width:	max. 3000 mm (118")
Speed:	max. 200 m/min (650 fpm)
Other data's are available on request	

**The world
of winding**

SomaTec

Surface Winder SW - R „Reelwinder“ – for largest reel d

The "Reelwinder" is designed for winding of largest reels - up to 3000 mm (118") - especially behind nonwoven production lines.

The reel change is performed automatically at full production speed. By the arrangement of the contact roll a continuous winding in contact mode is achieved, also during reel change. Here the contact pressure of the contact roll is permanently controlled by a two-dimensional pressure control system.

The additional center drive of each winding station supports the contact drive and ensures a gentle start of each new reel.

The Surface Winder SW-R is characterized by the following advantages:

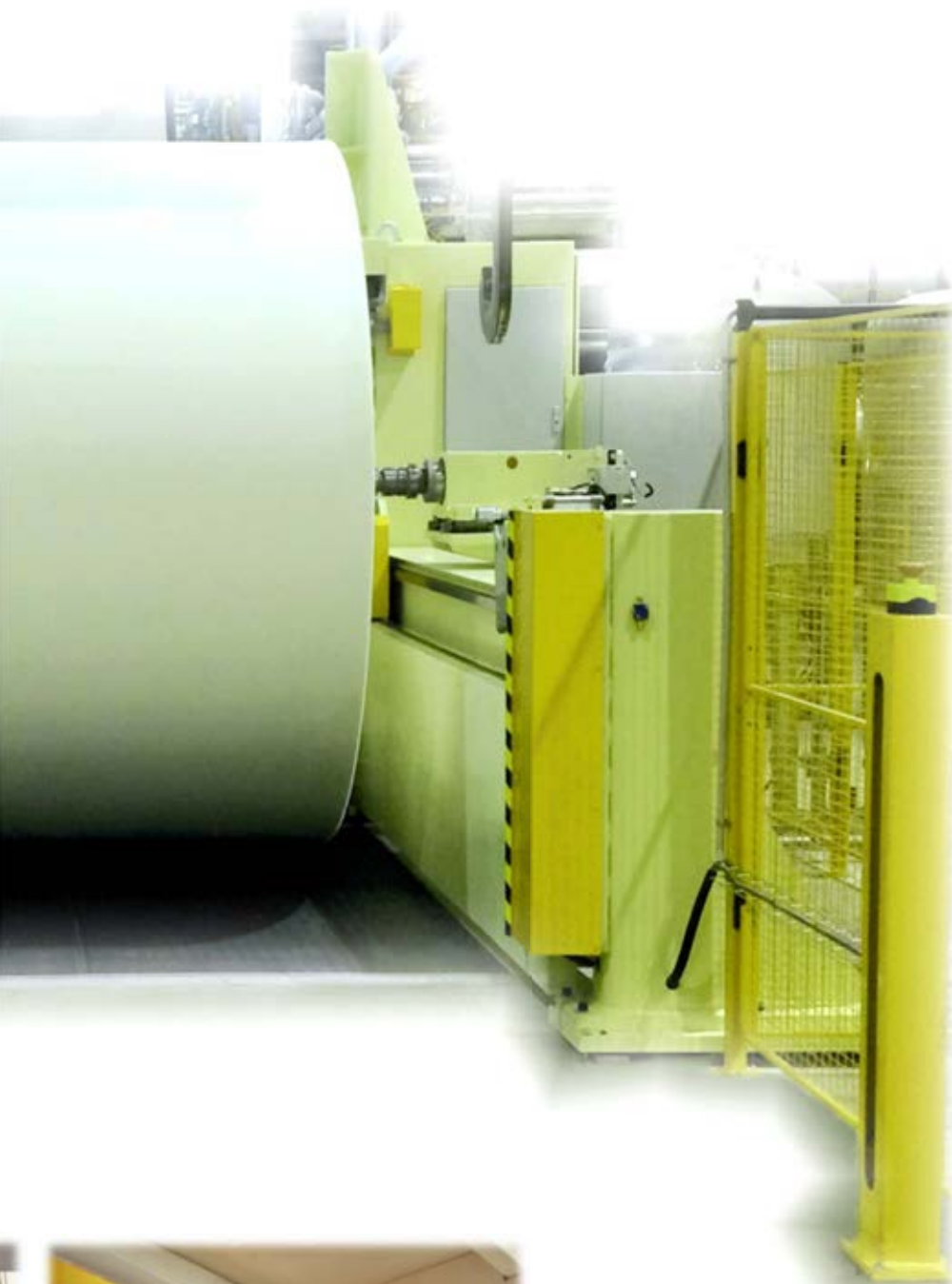
- Largest reel diameters are possible
- Automated reel change up to maximum production speed onto prepared cores
- Optimal winding conditions by fully controlled contact winding from the first to the last layer
- Winding tension and contact pressure are selectable with individual characteristics
- Optional winding shaft magazine and automated shaft feeding to the winding position

- Optional edge trimming or multi-web slitting, product-dependent as blade cut, scissors cut or squeeze cut



Automatic reel change system TAC

Diameters



Winding slide



Center drive



Winding shaft magazine

Technical data's

Reel diameter:	max.	3000 mm (118")
Reel weight:	max.	3000 kg (6600 lbs)
Material width:	max.	3000 mm (118")
Speed:	max.	500 m/min (1640 fpm)
Other data's are available on request		



The world
of winding

SomaTec



Somatec

The world of winding

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

SOMATEC Sondermaschinen GmbH

Freibusch 7
31789 Hameln
Germany
Phone: +49 (0) 51 51 / 1 06 52 – 0
Fax: +49 (0) 51 51 / 1 06 52 – 10
info@somatec-hameln.com
www.somatec-hameln.com

Italy

SOMATEC Italy
Phone: +39 / 32 72 07 25 18
favatella@somatec-hameln.com
www.somatec-hameln.com

China

SOMATEC China
Phone: +86 / 21 / 62 34 01 60
Fax: +86 / 21 / 62 33 46 55
sales@somatec.com.cn
www.somatec-hameln.cn

USA, Canada

WMR Agencies & Consulting
Phone/Fax: +1 / 386 / 69 33 25 4
WMR@somatec-hameln.com
www.somatec-hameln.com

