

Turret Winders ATW



ATW the compact turret winder

ATW - I with integrated winding shaft extractor

ATW - IG with integrated winding shaft extractor
for large reel diameters



**The world
of winding**

SomaTec

Turret Winder ATW – the compact turret winder

The Turret Winder ATW was developed in particular for non-stop winding within plastic film and nonwoven production lines. By its modular design the adaption to any production situation is very easy. This includes various machine sizes as well as different automatic reel change systems and different integrated longitudinal cutting devices for edge trimming and multiple web slitting. Also flexible reel handling solutions are available.

The Turret Winder ATW is characterized by the following advantages:

- Three different machine sizes for finished reel diameters of 600, 800 or 1000 mm
- Bearing application of indexing disks in live rings or on support rolls
- Reel support shaftless or on winding shafts
- Automated reel change up to maximum production speed onto prepared or unprepared cores
- Contact roll assembly for contact winding mode and gap winding mode
- Optional edge trimming or multi-web slitting, product-dependent as blade cut, scissors cut or squeeze cut
- Optional reel handling and winding shaft handling



Reel change system NTC



Multi-web slitting



Contact roll slide



Drive assembly



Rider rolls

Technical data's

Reel diameter: max. 600, 800, 1000 mm (23", 31", 40")

Reel weight: max. 1500, 2500, 3500 kgs (3300, 5500, 7700 lbs)

Material width: max. 2500 mm (98"; depending on finished reel sizes)

Speed: max. 300 m/min (1000 fpm; NTC) or 600 m/min (2000 fpm; TAC)

Other data's are available on request



The world
of winding

Soma tec

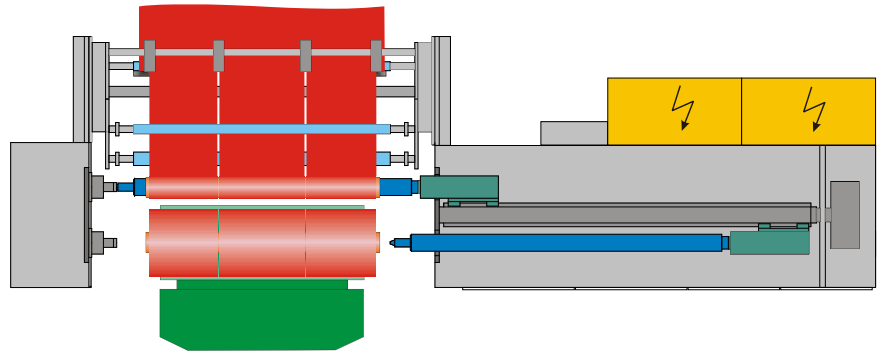
Turret Winder ATW - I – with integrated winding shaft extractor

A special highlight for the finished reel handling is the integrated winding shaft extractor of the Turret Winder ATW-I. By direct pulling of the winding shaft within the unloading position of the winder short cycle times are reached and additional devices as unloading fork arms or external shaft extractors are obsolete.

Furthermore with this arrangement the switch cabinet can be placed directly at the winder if desired. Hereby long cable routes are no longer required and the installation and commissioning is shortened.

The following advantages are characterizing the Turret Winder ATW-I additionally:

- Direct unloading of finished reels as with shaft-less winding
- Easy core feeding directly within the winder
- Short cycle times and fast reel change, thereby winding of reels with small diameter (short rolls) possible
- Arrangement of the switch cabinet directly at the winder, thereby minimized cabling effort



Extractor



Technical data's

Reel diameter: max. 600, 800, 1000 mm (23", 31", 40")

Reel weight: max. 1500, 2500, 3500 kgs (3300, 5500, 7700 lbs)

Material width: max. 2500 mm (98"; depending on finished reel sizes)

Speed: max. 300 m/min (1000 fpm; NTC) or 600 m/min (2000 fpm; TAC)

Other data's are available on request



The world
of winding

SomaTec

Turret Winder ATW - IG – with integrated shaft extractor f

The Turret Winder ATW-IG was developed especially for winding of large reel diameters and is used mainly for winding of nonwovens as polyester fleece or fiber glass mats.

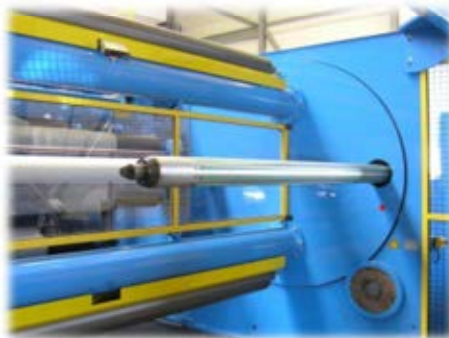
This winder combines the advantages of the integrated shaft extractor with the facilities of a powerful jumbo roll winder.

The Turret Winder ATW-IG is characterized by the following advantages:

- Large reel diameters are possible
- Automated reel change up to maximum production speed onto prepared cores
- Easy finished reel handling with integrated shaft extractor
- Winding tension and contact pressure are selectable with individual characteristics
- Optional web thread-in device



Automatic reel change system TAC



Integrated shaft extractor



Direct drive of winding shafts

or large winding diameters



Rope thread-in system

Technical data's

Reel diameter:	max. 2400 mm (71")
Reel weight:	max. 2500 kg (5500 lbs)
Material width:	max. 3600 mm (141.7")
Speed:	max. 300 m/min (1000 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

