Turret Unwinders UW

UW - E the compact turret unwinder with winding shaft support

UW - C the compact turret unwinder with shaftless reel support

UW - S the high-performance turret unwinder with shaftless reel support
The automatic Turret Unwinder UW-E is equipped with chucks, mounted on indexing disks in a fixed position, to support the unwinding reel on winding shafts. Web splicing is done automatically when the end of the unwound reel is reached by an overlapped splice at full production speed. The overlap length as well as the rest length on the unwound reel are optimized to a minimum.

For an easy reel loading a reel pick-up from floor level or from a pallet is possible by loading arms arranged within the unwinder.

The Turret Unwinder UW-E is characterized by the following advantages:

- Unwinding of reels up to 1200 mm (60") diameter
- Reel weights up to 1500 kg (3300 lbs)
- Reel support on expansion winding shafts with minimum 76 mm (3") diameter
- Automatic overlap splice up to maximum production speed
- Optional both unwinding directions are possible
- Optional loading arms for easy reel loading from floor level or from a pallet
The compact turret unwinder with winding shaft support

Technical data’s

- Reel diameter: max. 1200 mm (47”)
- Reel weight: max. 1500 kg (3300 lbs)
- Material width: max. 2000 mm (79”)
- Speed: max. 500 m/min (1640 fpm)

Other data’s are available on request
The automatic Turret Unwinder UW-C supports the unwinding reels shaftless. The chucks are arranged fix on the indexing disks. The adjustment to different core lengths is done manually by means of a chuck adjustment system. Web splicing is done automatically at the end of the unwound reel at full production speed. Optional also two automatic splicing systems can be used in order to unwind the reels alternatively in both unwinding directions.

The Turret Unwinder UW-C is characterized by the following advantages:

- Unwinding of reels up to 1200 mm (60") diameter
- Shaftless reel support on cores with minimum 76 mm (3") diameter
- Automatic overlap splice up to maximum production speed
- Optional both unwinding directions are possible
- Optional loading cart for easy reel feeding
The world of winding

Technical data’s

Reel diameter: max. 1200 mm (47”)
Reel weight: max. 1500 kg (3300 lbs)
Material width: max. 2000 mm (79”)
Speed: max. 500 m/min (1640 fpm)

Other data’s are available on request

The world of winding

Soma Tec
Turret Unwinder UW-S – the high-performance turret unwinder

The Automatic Turret Unwinder UW-S is characterized by its very flexible concept. Besides the support of a high roll weight and a high unwinding speed the unwinder supports reels with a wide width variation without the need of mechanical adaptors or similar. This is achieved by motor driven support arms, which are clamping the reel centered to the machine, able to steplessly compensate a difference in width. Automatic web splicing is done by the proven splice system at full web speed — optional in both unwinding directions. A minimum overlap and a minimal rest length on the unwound reel are a matter of course.

The Turret Unwinder UW-C is characterized by the following advantages:

- Unwinding of reels up to 1500 mm (60") diameter
- Reel weights up to 3500 kg (7700 lbs)
- Shaftless reel support on cores with minimum 102 mm (4") diameter
- Automatic overlap splice at full production speed alternatively in both unwinding directions
- Optional loading table or loading cart for easy reel loading
Unwinder with shaftless reel support

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 (1970 fpm)

Other data’s are available on request.

Shaftless chucks
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