

RW70 Rewinder



Commercial, printing, offline finishing



High quality rolls is the best rating you can give a rewinder. Rolls that are consistently firm right from the core provide a lot of advantages in the production process. The RW70 is a new automatic turret rewinder, based on many years of experience. The obvious choice for the customer who wants a flexible and effective non-stop production of pre-printed high quality paper reels.

The bottom line is process knowledge

RW70 Rewinder

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High quality rolls

The operation principle of RW70 is special. The rolls are consistently firm right from the very first revolution, and there is no risk of getting a loose core or any loose layers in the roll. The rewinder is fully automatic. The only thing the operator has to do is to lift out the finished roll with the integrated reel lifter and make preparations for the next one.

Web tension is always kept at a predetermined value with the aid of an air loaded dancer. The possibility of using constant or taper tension enables the production of big rolls without any problem.

The transfer to the new core happens automatically when the roll reaches a pre-set diameter or length. And since there is no need to stop the press or even slow it down, an increase of productivity for every roll change is automatically obtained.

Perfect slitting

The RW70 can be equipped with a longitudinal slitter equipment, and it makes rolls with straight and even ends. After slitting, the web runs over a spreader roller which smoothes out any wrinkles. At the same time the webs are slightly separated and the finished slit rolls never get stuck together.

Performance benefits

- High capacity turret rewinder with small footprints for non-stop reel to roll production
- Freestanding speed match model with core shafts
- Core rewinding through reel centre drive
- Easy handling of lightweight shafts
- Compact reel arm without bull shaft
- Constant web tension by a dancing roller
- Simple splice preparation
- Taper tension, adjustable and selectable
- Simple operation, integrated reel unloading system
- Graphic colour display for readout and setting of parameters
- Reliable and low maintenance (AC technology)

Standard RW70 model features

- No mechanical connection with main press required
- Two expanding, pneumatic, reel shafts included per machine
- Reel arm including four safety chucks for positioning of the reel shafts
- Splicing carriage with pressure roller and spreader roller
- Fully graphical colour display and control panel for reel diameter, rewind paper length, line speed and alarm messages etc. Including sheet counter and sheet waste counter.
- Taper tension, adjustable and selectable - linear or customised
- Integrated reel unloader
- Digital AC drives with two AC-motors, controlled by an ABB PLC

Options

- Longitudinal slitting equipment with slitting knives. Number of ribbons depends on material, core size, reel weight and reel width
- Manual operated reel shaft extractor
- Pneumatic safety chucks for easy release and loading/ unloading of core shafts
- Manual splice signal from press to rewinder
- Splicing from sheeter to rewinder during running

Operating specifications

Maximum running & splicing speed	12,7 m/s	2500 fpm
Maximum web width	990 mm	39,5 "
Maximum roll dia. (rewound + new)	1270 + 630 mm	50 + 25 "
Minimum roll diam. for splicing	300 mm	12 "
Roll core inner diameter	76 mm	3 "
Maximum roll weight	1500 daN	3300 lbs
Standard tension range	7-40 daN	16-88 lbs