



The New Slitter Rewinders line

PE papers // Technical papers // Coated and printed papers // Kraft papers // bisiliconized papers // Filter Papers
Plastic films // Laminated Films // Coextruded Films // Aluminium

INNOVA CAP BACK TO BACK

The new INNOVA series BACK BACK, a line of slitter rewriter with high automation and flexibility features designed and engineered to offer the best performance and flexibility in the flexible packaging sector.

Structure composed of sturdy 70mm thick steel frames joined together by strong crosspieces for support the groups of: Pulling off, Cutting and Winding.
Independent unwinder connected with a bridge to the winding unit. Air web path to obtain the highest cleanliness and hygienical solution, especially appreciated for the FOOD sector.

» High productivity with max speed of 1.200 m / min

» Minimum slit width 80 mm with max rewinder diameter till 1.200 mm

» Fast and easy roll's unloading and start new cycle

» High efficiency for format changes and frequent production changes

» Optional Fully automated system for unloading reels with the possibility of customization with labeling / palletizationà

In terms of productivity, assuming to start with a mother coil having a width of 2500 mm, in material with a thickness of 90 microns and a diameter of 1500 mm, with a machine operating speed of 1000 m / min, a winding time is obtained about 15 minutes (diameter of the finished coil equal to 1200 mm); adding a time of 5 minutes for the loading of the master reel and 3 minutes for the discharge of the finished reels gives a total time of 23 minutes (for about 3000 kg of paper). So in an 8 hour shift, about 50 tons of material can be processed.



UNWINDER

Of the "shaftless" type, it is composed of a sturdy crosspiece with two independent horizontal movement levers applied

WEB INSERTION

the material is picked up automatically starting from the joining table on the unwinder up to the main machine draw

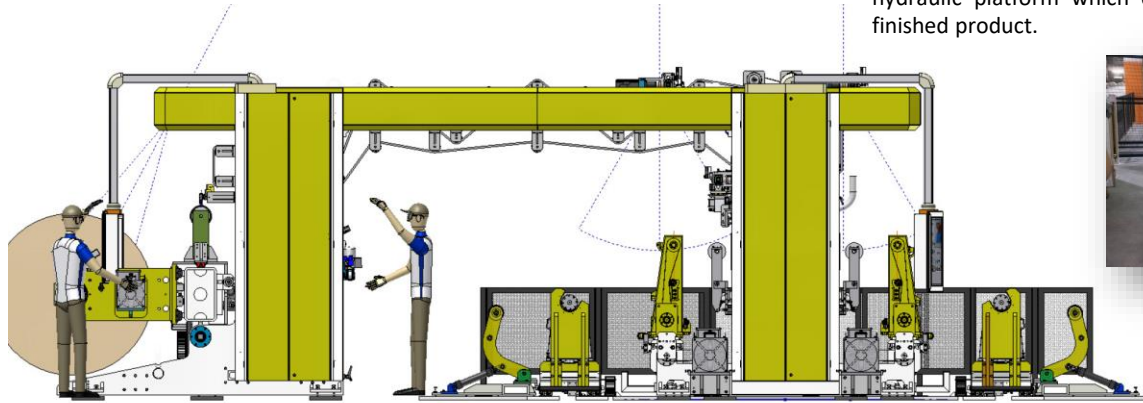


TABLE OF CHARACTERISTICS

Mother roll width	from 500 to 2500 mm
Mother roll diameter	From 750 to 1500 mm
Weight of mother roll	till 3600 kg
Slit width	from 200 to 2500 mm
Diameter of finished reels	from 500 to 1200 mm
Weight of finished reels	1500 kg se multiple; 2000 kg singole;
Speed	till a 1200 m/min
Tension on rewinder	till a 5 N/cm

REWINDER

Each winding station is equipped with shafts (with three different diameters) able to carry masses up to 1500 kg (multiple reels) thanks to an innovative mobile bezel system and 2000 kg in the case of a single reel.

UNLOADING

The finished coils are then deposited on suitable unloading shuttles which, automatically and independently from the operating operation of the machine, transfer the coils to the unloading roller conveyor and then to the hydraulic platform which conveys them onto the collecting chute of the finished product.

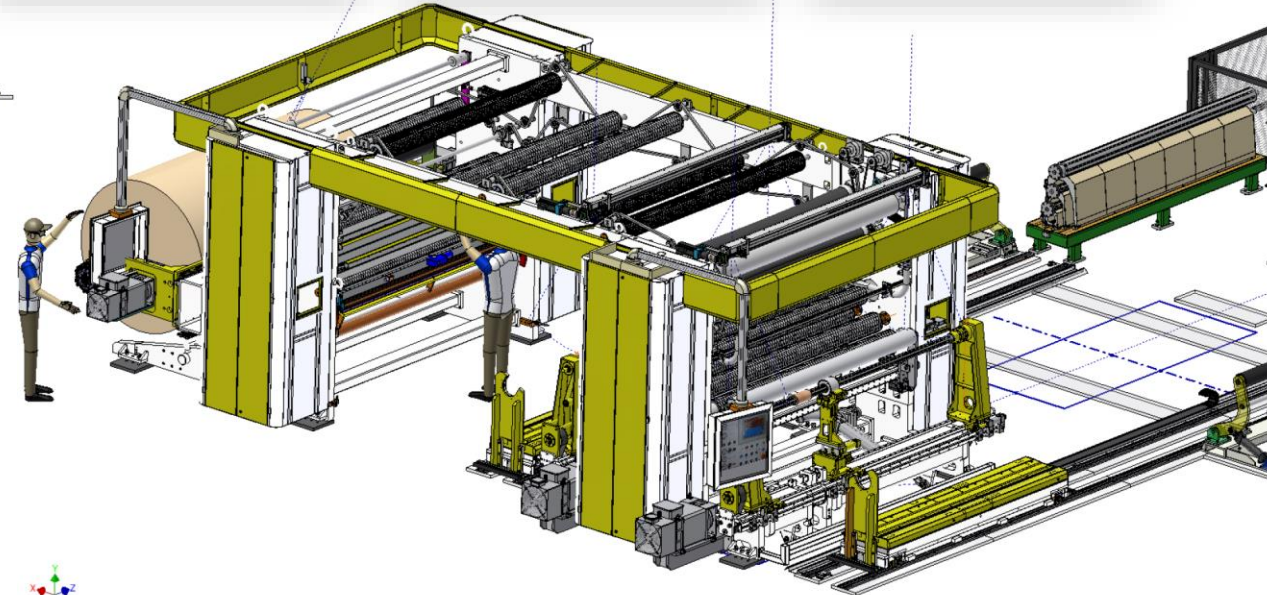


SLITTING

The cut that is supplied can be supplied completely automated

AUTOMATION

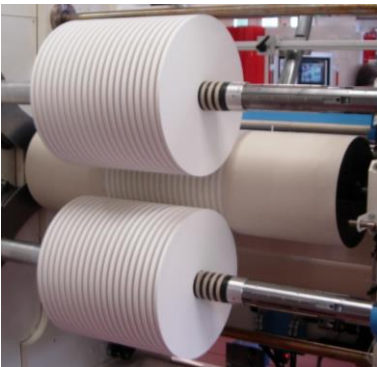
In order to improve automation, the machine is equipped with a semi-automatic tree change system that exploits the unloading shuttle; in this way it is possible to change the winder shafts in about 10 minutes



INNOVA CENTER DUPLEX

The sturdy frame and the innovative rewinding layout with a "central drum cylinder" allows rewinding different types of materials in narrow strips (from 10mm up to 800mm in diameter). This machine has been developed for producers and converters with reference customers in the industry in the electronics sector (internal covering cables / batteries) and wherever there is the need to produce very narrow bands on large diameter reels and with a high quality of wrapping .

- » Guarantee of production of high quality coils up to a speed of 600 m / min
- » Minimum cutting width of 10 mm with a maximum reel diameter up to 600 mm
- » Fast and easy change of reels to insert new cores thanks to the very high ergonomics guaranteed by the central drum
- » High efficiency for format changes and frequent production changes thanks to high on-board automation
- » Optional Fully automated system for unloading reels with the possibility of customization with labeling / palletization



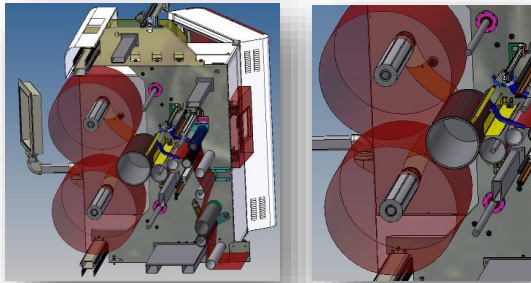
This rewinding slitter has an exceptional winding tension control system thanks to the central drum double towing which allows the material to be pretensioned and a very tight rewinding capacity up to a large rewinding diameter. This precise tensioning system also guarantees the possibility of processing extremely thin and delicate materials such as tissue paper / filter paper / aluminum / extensible plastic film.

UNWINDER

Of the "shaftless" type, it is composed of a sturdy crosspiece with two independent horizontal movement levers applied. Between the unwinder and the rewinder there is a platform to facilitate the picking operations

DOUBLE PULL OFF

In addition to the primary drive (calender) there is a secondary calendering machine tied to the central motorized drum too. The secondary drive favors a pretensioning of the paper and therefore a linear and precise winding even if on very tight bands



REWINDER

The rewinding takes place on two frictional or pneumatic expansion shafts which move outwards as the diameter of the coils increases, maintaining contact with the central drum

UNLOADING

The finished coils are extracted by means of ejectors to push the finished coils from the winding shaft to the unloading station. During the extraction of the coils, the winding shafts are put in rotation of the counter to automatically unlock the cores.



AUTOMATIC KNIVES

Scissor cutting group with circular knives. Complete with expanding shaft for knife locking. Counter-knife set mounted on expandable steel shaft. Given the wide variety of sizes and the high number of cuts, the Center Duplex has an automatic positioning system for cutting units

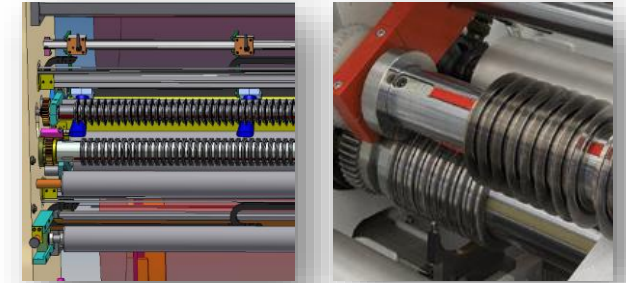
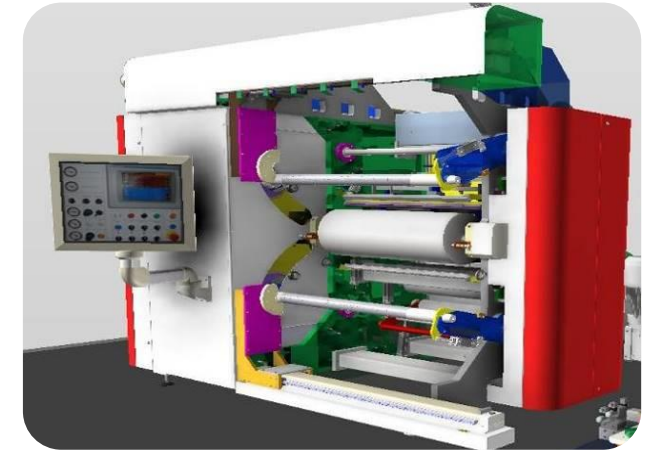
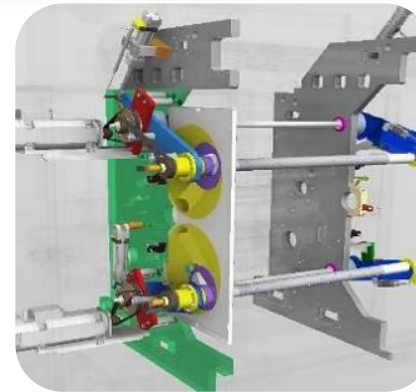


TABLE OF CHARACTERISTICS

Mother roll width	from 500 to 1600 mm
Mother roll diameter	from 750 to 1500 mm
Weight of mother roll	till 2500 kg
Slit width	fom 10 to 1600 mm
Diameter of finished reels	till 800 mm
Weight of finished reels	350 kg;
Speed	Till 700 m/min



NARROW ROLLS WITH BIG DIAMETERS

Center Duplex Slitters

INNOVA BIBACK HPO & MAXIMA

BIBACK HPO is the bialbero version of the BIBACK line, characterized by a cutting-edge technological heart, which combines the versatility typical of standard cutters with the possibility of producing reels with diameter up to 1000 mm and rewinding up to 1200 mm, obtaining an excellent quality thanks to the "zero gravity" technology applied to the press and a simplicity of use equal to a traditional twin shaft.

BIBACK HPO models were born from the demands of the market that found in Cason Slitters the ideal partner for the development of innovative projects to meet the growing needs of productivity, flexibility and customization essential to emerge in an increasingly market competitive as that of coupled and printed paper. Innova BIBACK HPO allows production even small batches, small sizes and a high flexibility in managing cycle change times and the possibility of processing different types of material and reaching high diameters.

- » Guarantee of production of high quality coils up to a speed of 700 m / min
- » Minimum cutting width of 50 mm with a maximum reel diameter up to 1000 mm
- » Fast and easy change of reels to insert new cores thanks to the very high ergonomics guaranteed by the central drum
- » High efficiency for format changes and frequent production changes thanks to the high level of on-board automation
- Optional Fully automated system for unloading reels with the possibility of customization with labeling / palletizing
- » Possibility of doctoring large reels and heavy weights up to a maximum diameter of 1200mm



UNWINDER

Independent movement connected to a bridge with the winding unit.
Passage of air to obtain the highest degree of cleanliness and hygiene,
especially useful for treating products for the FOOD sector

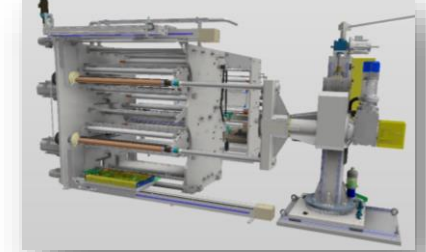
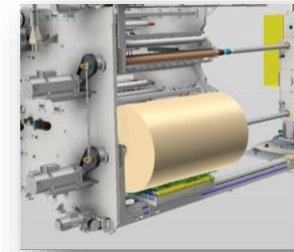
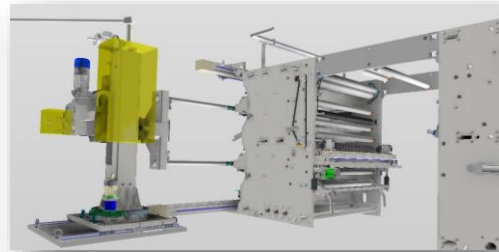


REWINDER

The rewinding takes place on two frictional or pneumatic expansion shafts. The presses mounted on linear guides use the zero gravity technology to move back linearly with the increase of the wrapping diameter while maintaining a high fluidity of pressure

UNLOADING STATION

The fully automated unloading station has been designed and built to be extremely robust and safe for handling, ascending and descending and ejection of extremely heavy coils, up to a maximum limit of 600kg per shaft (total 1200kg).



SLITTING

The cut that is supplied can be supplied completely automated

UNLOADING

The finished coils are extracted by means of ejectors to push the finished coils from the winding shaft to the unloading station. During the extraction of the coils, the winding shafts are put in rotation of the counter to automatically unlock the cores. The coils rewound on the lower shaft are ejected using the motorized hydraulic cradle with a capacity of 2500 kg

TABLE OF CHARACTERISTICS

Mother roll width	from 500 to 1700 mm
Mother roll diameter	from 750 to 1800 mm
Weight of mother roll	till 3000 kg
Slit width	from 70 to 1700 mm
Diameter of finished reels	800 mm dual shaft till 1200 mm bottom shaft
Weight of finished reels	500 kg multiple both shafts; 2500 kg single shaft;
Speed	Till 700 m/min



INNOVA CP- TBS

INNOVA TBS is a cutter able to process large rolls at high speeds. The INNOVA TBS model has a shaftless unwinder separated from the central structure through a platform, which houses the cutting system with circular pneumatic knives that allow cutting at high speeds, different types of materials with different thicknesses

The INNOVA TBS cutter model has been designed to process paper of different types at high speed in single-axes, allowing a very high productivity thanks to the rewinding station resting on a single expansion shaft that is constantly supported during the winding by a drum motorized center.

- » Guarantee of production of high quality coils up to a speed of 1000 m / min
- » Minimum cutting width of 70 mm with a maximum reel diameter up to 1000 mm
- » Fast and easy change of reels to insert new cores thanks to the very high ergonomics guaranteed by the central drum
- » High efficiency for format changes and frequent production changes thanks to high on-board automation
- » Optional Fully automated system for unloading reels with the possibility of customization with labeling / palletization
- » Possibility of doctoring large reels and heavy weights up to a maximum diameter of 1000mm



UNWINDER

Of the "shaftless" type, it is composed of a sturdy crosspiece with two independent horizontal movement levers applied. Between the unwinder and the rewinder there is a platform to facilitate the picking operations

SLITTING

The cut that is supplied can be supplied completely automated

REWINDER

The rewinding takes place on a single pneumatic expansion shaft..

UNLOADING

The reels rewound on the shaft are ejected using the motorized hydraulic cradle with a capacity of 2500 kg



TABLE OF CHARACTERISTICS

Mother roll width	From 500 to 1700 mm
Mother roll diameter	from 750 to 1800 mm
Weight of mother roll	till 3000 kg
Slit width	from 70 to 1700 mm
Diameter of finished reels	1300 mm
Weight of finished reels	1500 kg single;
Speed	1000 m/min



SINGLE SHAFT FOR BIG DIAMETERS
Innova CP - TBS

INNOVA CAP

INNOVA CAP is the solution dedicated to industries that need to process and cut large reels. A rewinding cutter characterized by high productivity of reels with variable band (minimum 300mm and maximum 4000mm), large diameters (Ø 1300mm), and high weights.

The solid structure, the selection of high quality components and the technology used to control the tension of the film make INNOVA CAP the most suitable reel rewinder for even delicate materials, obtaining finished reels with a perfect shape and the required density. The film's path is designed to process delicate films and reduce downtime while replacing mother rolls.

»Guarantee of production of high quality coils up to a speed of 1,000 m / min

»Minimum cutting width of 350 mm with a maximum reel diameter up to 1,200 mm

»Fast and easy change of reels to insert new cores

»High efficiency for format changes and frequent production changes

»Thanks to the independent rewinding stations, it is possible to independently manage the tension of the material on the different bands

»Optional Fully automated system for unloading reels with the possibility of customization with labeling / palletization



dal 1956 cason
— SLITTERS

UNWINDER

Di tipo "shaftless", è composto da una robusta traversa con applicate due leve a movimento orizzontale indipendente

WEB PATH

l'incorsamento del materiale avviene in modo automatico partendo dalla tavola di giuntura sopra lo svolgitore fino al traino principale della macchina

REWINDER

Separate winding stations able to carry masses up to 2000 kg (multiple reels).

SLITTING

The cut that is supplied can be supplied completely automated

UNLOADING

The finished coils are then deposited on the ground or as an option it is possible to unload them on special unloading shuttles which, automatically and independently of the machine's operating operation, transfer the coils to the unloading roller conveyor and then to the hydraulic platform which conveys them onto the chute withdrawal of the finished product.

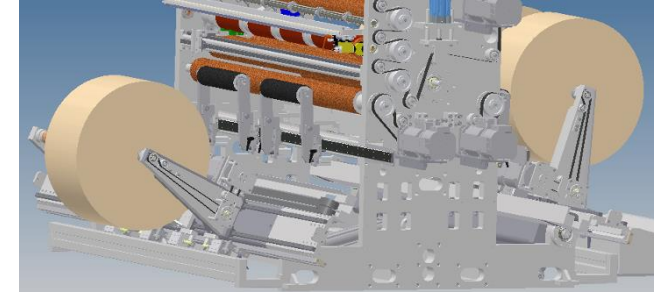
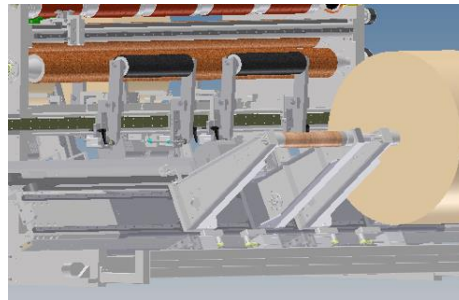
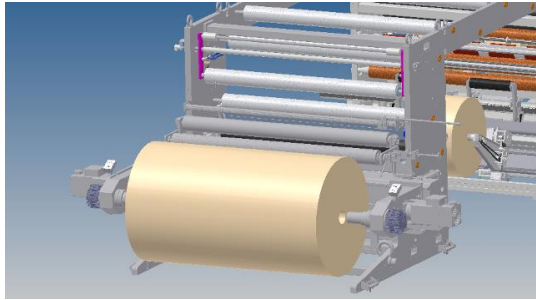
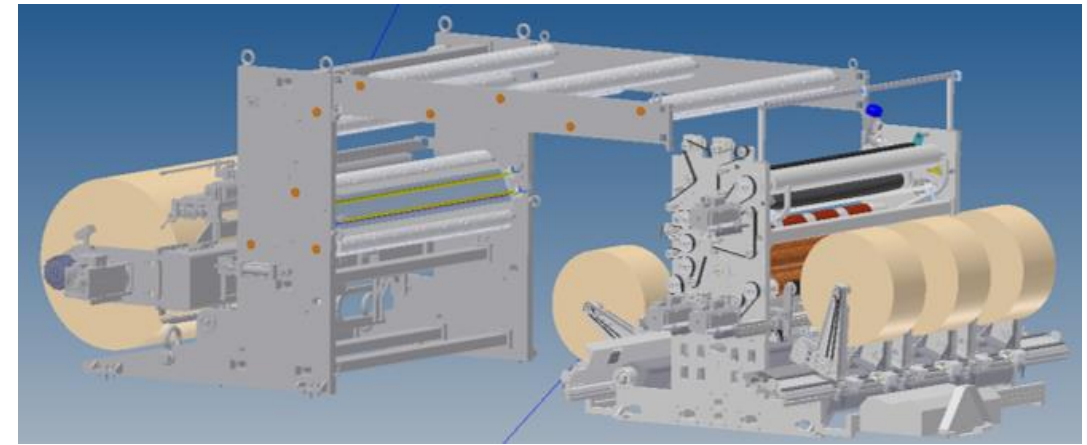


Tabella delle caratteristiche della macchina

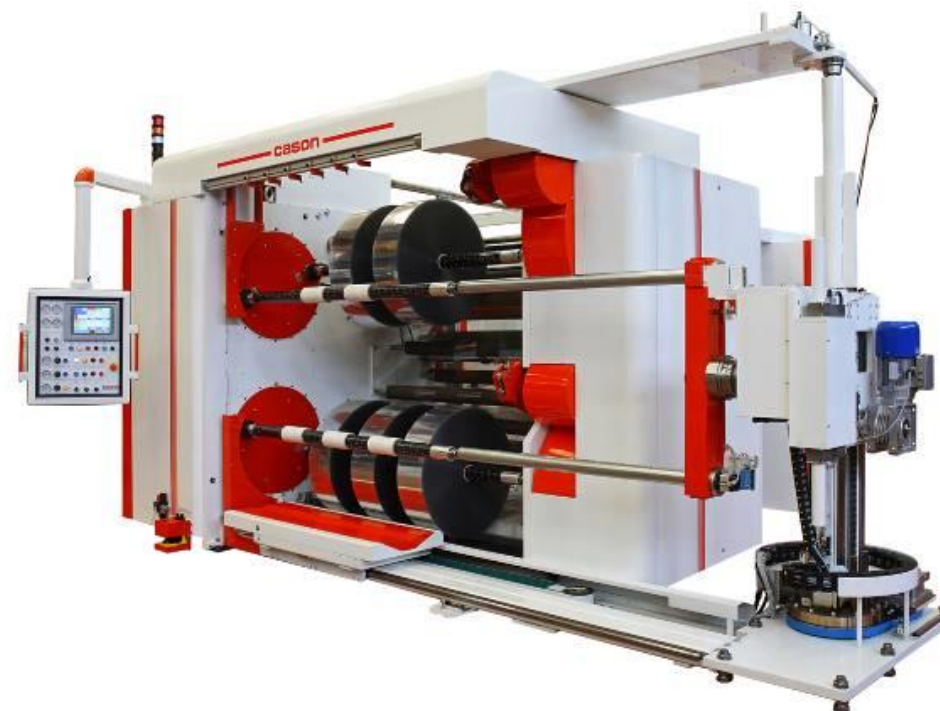
Mother roll width	from 500 to 3500 mm
Mother roll diameter	from 750 to 1500 mm
Mother roll weight	till 3600 kg
Slit width	from 200 to 3500 mm
Finished rolls diameter	from 500 to 1200 mm
Finished rolls weight	2000 kg each;
Speed	till 1000 m/min
Rewinder tension	till 5 N/cm



INNOVA MATIC

Double turret Slitter Rewinder to unwind, slit and rewind heavy rolls of plastic films, paper, aluminium and coated/coupled films. Finished rolls are wound and unloaded on the opposite side of the mother roll..

INNOVA MATIC is Dual Turret Slitter Rewinder with full automatic reel exchange and over-head web path and thanks to a separate vertical shaft-less un-winder connected to the mainframe through a bridge allowing a over-head web path, a highly appreciated feature where the highest hygienic standards are required, like the pharmaceutical and the food industry. INNOVA MATIC is designed to be a worker friendly and convenient slitter, able to reduce downtime (material and knives positioning) and keep low the ownership costs over the time. Thanks to the strong steel structure and innovative "pre-balance system" the slitter guarantee vibration-free process at high speeds with heavy rolls.



- » Guarantee of production of high quality coils up to a speed of 700 m / min
- » Minimum cutting width of 25 mm with a maximum reel diameter up to 800 mm
- » Fast and easy change of reels to insert new cores thanks to the very high ergonomics guaranteed by the central drum
- » High efficiency for format changes and frequent production changes thanks to the high level of on-board automation
- » Optional Fully automated system for unloading reels with the possibility of customization with labeling / palletizing



UNWINDER

Independent movement connected to a bridge with the winding unit.
Passage of air to obtain the highest degree of cleanliness and hygiene,
especially useful for treating products for the FOOD sector

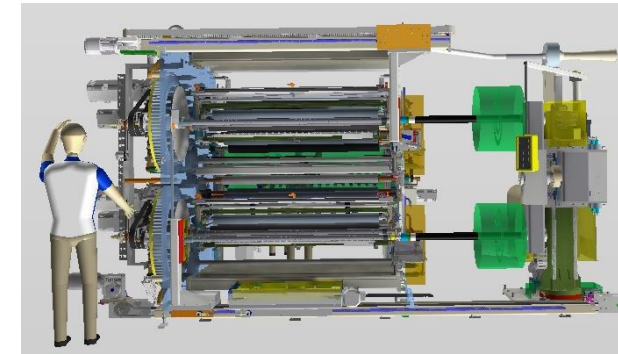
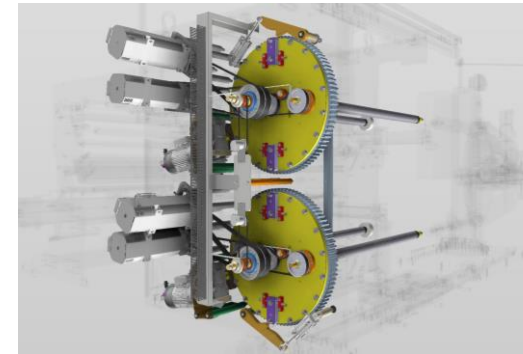
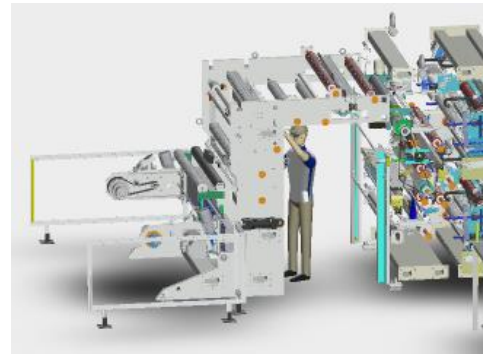


REWINDER

Finished reels are wound on two Independent Turret-style Winding Stations, placed outbridge on the front side of the slitter. The turret winding station keeps the winding shaft in the working position and a second shaft on standby to allow the operator to unload finished bobbins and load new cores in the background during the normal working cycle.

UNLOADING STATION

The fully automated unloading station has been designed and built to be extremely robust and safe for handling, ascending and descending and ejection of extremely heavy coils, up to a maximum limit of 600kg per shaft (total 1200kg).



SLITTING

The cut that is supplied can be supplied completely automated

UNLOADING

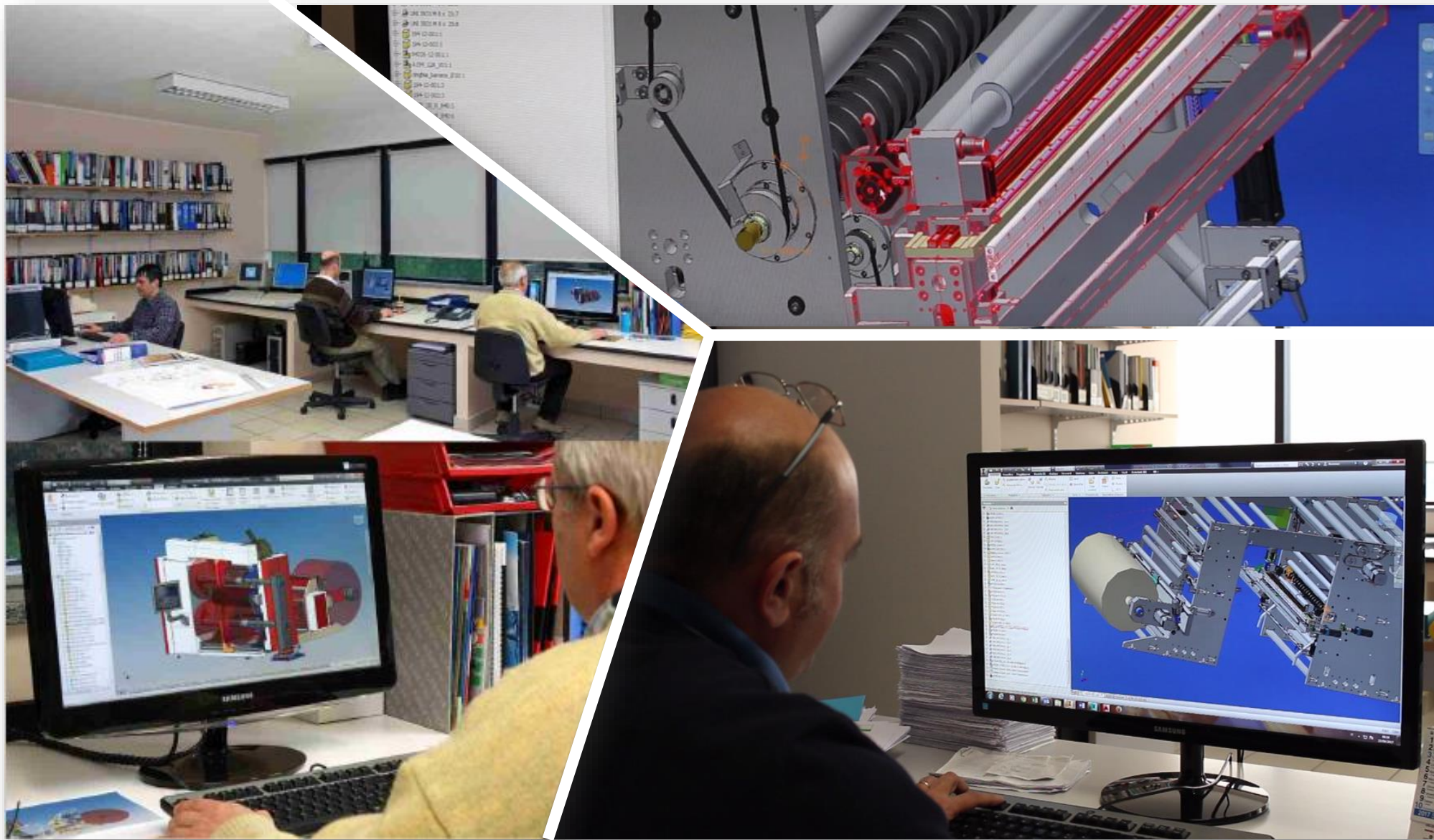
The finished coils are extracted by means of ejectors to push the finished coils from the winding shaft to the unloading station. During the extraction of the coils, the winding shafts are put in rotation of the counter to automatically unlock the cores. The coils rewind on the lower shaft are ejected using the motorized hydraulic cradle with a capacity of 2500 kg

TABLE OF CHARACTERISTICS

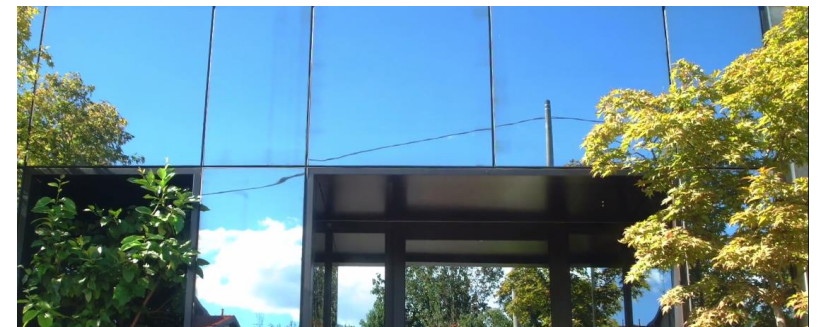
Mother roll width	from 500 to 1700 mm
Mother roll diameter	from 750 to 1800 mm
Weight of mother roll	till 3000 kg
Slit width	from 70 to 1700 mm
Diameter of finished reels	800 mm dual shaft
Weight of finished reels	500 kg multiple both shafts; 1500 kg single shaft;
Speed	Till 700 m/min







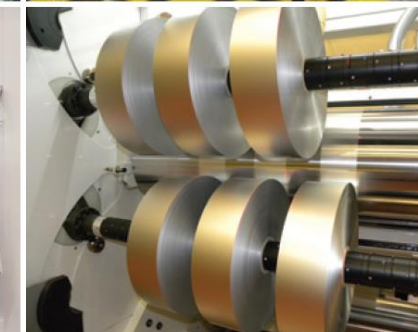
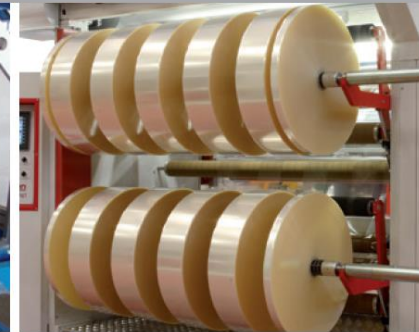




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