



**Innovative
engineering in
automatic web
splicing**
TorresHybrid

Torres Hybrid

High performance splicer is ideal for delicate papers films and foils

TORRESHYBRID is a modular system with a configurable Unwinder-Splicer with a reduced footprint. TORRESHYBRID is equipped with the new patented Torres splice system, which allows high speed splicing with no interruption to the production line (printing, laminating, extrusion, or any other process).

What the new model offers

- High quality splice, butt or overlap without tail.
- Auto splice trigger.
- Mtorres' highly sensitive constant web tension control.
- Auto threading system.
- Waste-reduction system.
- Touch panel with diagnosis and control systems.
- Simple and repetitive splice preparation process.
- Specific rollers; high precision, light weight and low inertia.
- Capable of unwinding in both directions.
- Shaft-less unwind.
- Customized control equipment for your process.
- Safety systems are fully integrated.
- Dimensions easily customizable.
- Easily install for new lines and easy retrofits for existing lines.
- Modular design with reduced footprint for small spaces.

Options

- Automatic reel loading/unloading system.
- Run off of the core splicing generates zero waste.
- Double tape splice.
- On angle splice.
- Flag control (splice in register).
- Automatic web alignment.
- Remote access.
- Automatic preparation system.

Advantages

The advantages of the new system TORRESHYBRID brings increased productivity, with high quality splicing at high speed, taking care of even the most delicate webs.

The patented new splice system allows the TORRESHYBRID to perfectly join the two webs without stopping the line. This results in a reduction of paper stored, reduced footprint, and maintains the quality of a zero-speed splice.

The TORRESHYBRID runs the MTORRES web tension control system based on AC motor center driven unwinding, and guaranteeing a constant web tension allowing high quality production for the most demanding processes.

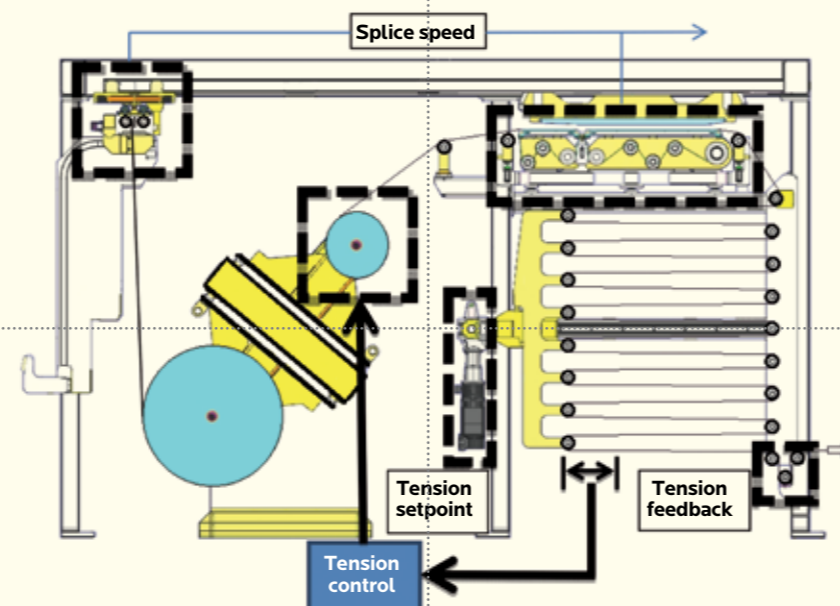
The TORRESHYBRID is highly automated using high-tech components with low maintenance needed.



High performance equipment

AC Motors, linear drives, low inertia rolls, etc. The precision rollers use lightweight technology aluminum idlers with the lightest weight, most highly engineered components available in the industry. This allows the equipment to run faster, smoother, cooler, and with less whip, due to the lighter weight and a unique 3D balancing process.

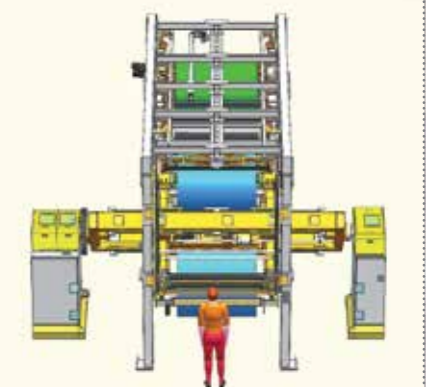
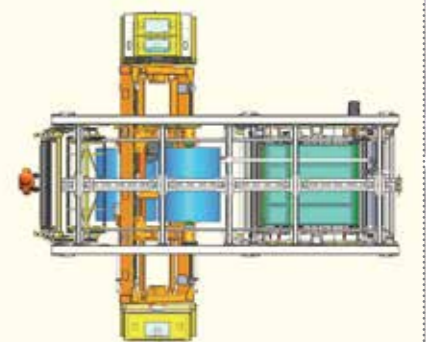
The experience of MTORRES in multiple markets has provided knowledge to help focus this new technology on improving production line performance in a reduced footprint. The capability of MTORRES engineering and technical resources are all dedicated on the TORRESHYBRID becoming a new favorite of our clients and guaranteeing market satisfaction.



Standard technical specs

Reel size (mm)	Min.	Max.
Diameter	500	1600
Width	500	1500
Speed (m/min)	Without festoon	With festoon
Unwinding	800	800
Splicing speed	200	600 ¹
Web specs		
Paper	20 g/m ²	250 g/m ²
Film ²	15 μ	150 μ
Web tension (N)	Min.	Max.
	20	300

1. Splice speed up to 800 mpm, with extended festoon
2. Depending on kind of film and web width





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