

TURRET UNWINDS

Enable at-speed splicing and reduce your machine footprint.

Splicing material with conventional unwinds with accumulators can limit production speeds and increase the risk for web wrinkling by putting too much tension on the material paths. The very nature of these designs leads to longer machine lengths, because each roll of material needs adequate space for the operator to load them onto the unwinds. JOA has solved all of these problems with its turret unwind technology. With no accumulator, material is fed into the process and spliced without slowing production speed or wrinkling the web.



Reduce machine length or height.

JOA® turret unwinds enable flexible configuration of material placement so machine size doesn't have to conform to the width of the raw material rolls. The unwinds can be placed above the machine to reduce machine length or on the machine level to reduce machine height.



Improve production speed and quality.

Since JOA® turret unwinds do not have an accumulator, the machine doesn't need to slow down during a splice. In addition, the setup enables the shortest material web path into the machine, reducing the tension on the material which ultimately reduces web wrinkling and material waste. Choose between the standard model capable of up to 600 meters/minute or the Turret 4.0 model which is capable of up to 800 meters/min.



Compatible with multiple materials, including low-GSM.

The accumulator-less design enables less tension variation when splicing materials, so you can run lighter materials without compromising quality during splicing. Different cutting systems are available, including cut wire or sling blade, depending on your needs. The system handles different roll sizes with ease and learns the weight and diameter of each roll for consistent splice set-up, regardless of material type.



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