

BW Converting

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betterworld

Change for the better



PARAGON

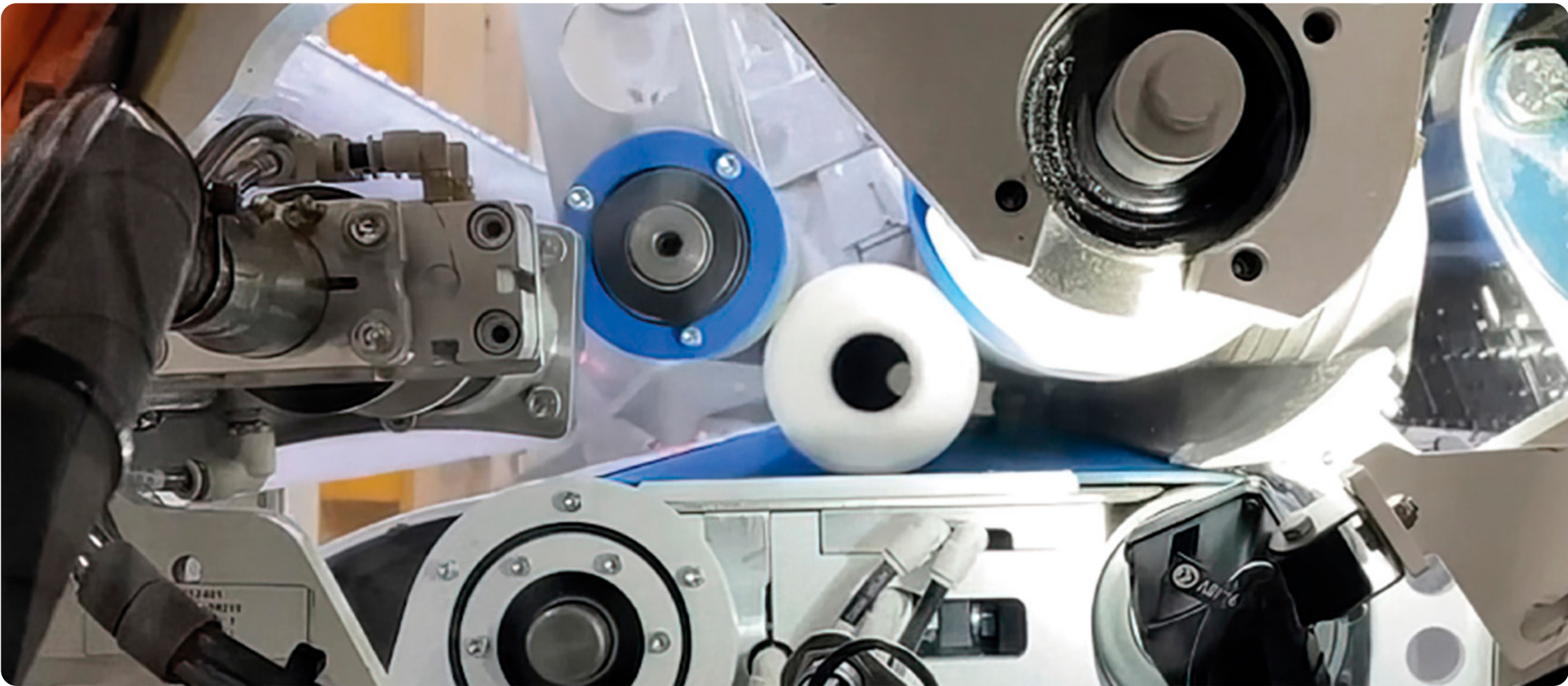
Unmatched simplicity, productivity
and product quality

 Paper Converting
Machine Company

Innovative winding nest

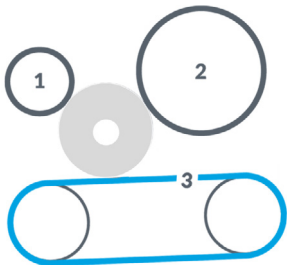
The Paragon has a unique winding nest featuring a pivoting winding belt and driven center drives, offering many benefits.

- Drastically reduces nip forces
- Helps avoid crushing the caliper
- Maintains bulk of the roll
- Provide superior traction and winding control with any paper substrate



The winding nest

1. Compound motion rider roll
2. Winding drum
3. Pivoting winding belts



+155% peak nip pressure on log compared to Paragon

Control over diameter and firmness

Center Drives

Thanks to the belt's large surface contact and smooth, horizontal log trajectory, the center drive can drive the core, modulating its speed in order to achieve the desired combination of diameter and firmness.

- Core chucks with compressible elastomer rings
- Chuck engagement cylinders
- Servo driven through a flexible drive shaft
- Compound-motion servo positioning to follow the path of the core
- 40% more core engagement time compared to competition

Production quality equals product quality

Superior production features

- Superior caliper retention throughout the wind
- Wind profile uniformity over the broadest product range
- Log diameter consistency over the broadest product range
- Perforation length consistency
- Best in class wind start

Designed for productivity

Experience less downtime

- Higher Line availability
- Higher web speed with low density products
- More tolerant to base paper variations
- Quick and safe recovery and restart



Main Features

Speed	800mpm max. (2625fpm)
Cycle rate	60 logs/min max.
Roll face width	2900 mm (114.2")
Web width	
Coreless	2450 - 2750 mm (96.5 - 108.3")
Cored	2450 - 2800 mm (96.5 - 110.2")
Core diameter	38 - 52 mm (1.50 - 2.05")
Log diameter	90 - 205 mm (3.54 - 8.07")

Designed to be operator-friendly

Easy to learn, easy to run

- Paragon is engineered for the people and for the winding process, so it is inherently robust
- Fewer and simpler adjustments to maintain winding control through the speed range
- Fewer and simpler adjustments as the paper varies
- Fewer and simpler adjustments mean fewer opportunities for maladjustment
- SmartTouch® HMI provides intuitive navigation and situational awareness



SmartTOUCH® HMI

The SmartTOUCH® Human Machine Interface makes on-screen adjustments easy with bright colors, intuitive navigation, and situational awareness. This powerful HMI allows you to store and access tagged historical data providing convenience and flexibility.

Game-changing human-machine interface:



Easy-to-use controls



Bright colors



Intuitive navigation



Tag historian

