

Machine Specification

Technical Data			
Web Width	2500mm (100in)	3250mm (128in)	3600mm (142in)
Maximum Unwind Diameter	1500mm (59in)	1500mm (59in)	1500mm (59in)
Maximum Rewind Diameter	1200mm (47in)	1200mm (47in)	1200mm (47in)
<i>Option</i>	<i>1500mm (59in)</i>	<i>1500mm (59in)</i>	<i>1500mm (59in)</i>
Maximum Production Speed	1000m/min. (3300ft/min)	1000m/min. (3300ft/min)	1000m/min. (3300ft/min)
<i>Option</i>	<i>1200m/min. (4000ft/min)</i>	<i>1200m/min. (4000ft/min)</i>	<i>1200m/min. (4000ft/min)</i>
Minimum Slit Width	300mm (12in)	300mm (12in)	300mm (12in)
<i>Option</i>	<i>200mm (8in)</i>	<i>200mm (8in)</i>	<i>200mm (8in)</i>
Maximum Slit Width	2500mm (100in)	3250mm (128in)	3300mm (130in)

Materials	
Plastic Films	BOPP, BOPET, BOPA, CPP – plain, printed, coated or metallized from 8 - 200 micron
Laminates	Various materials from 20 - 200 micron

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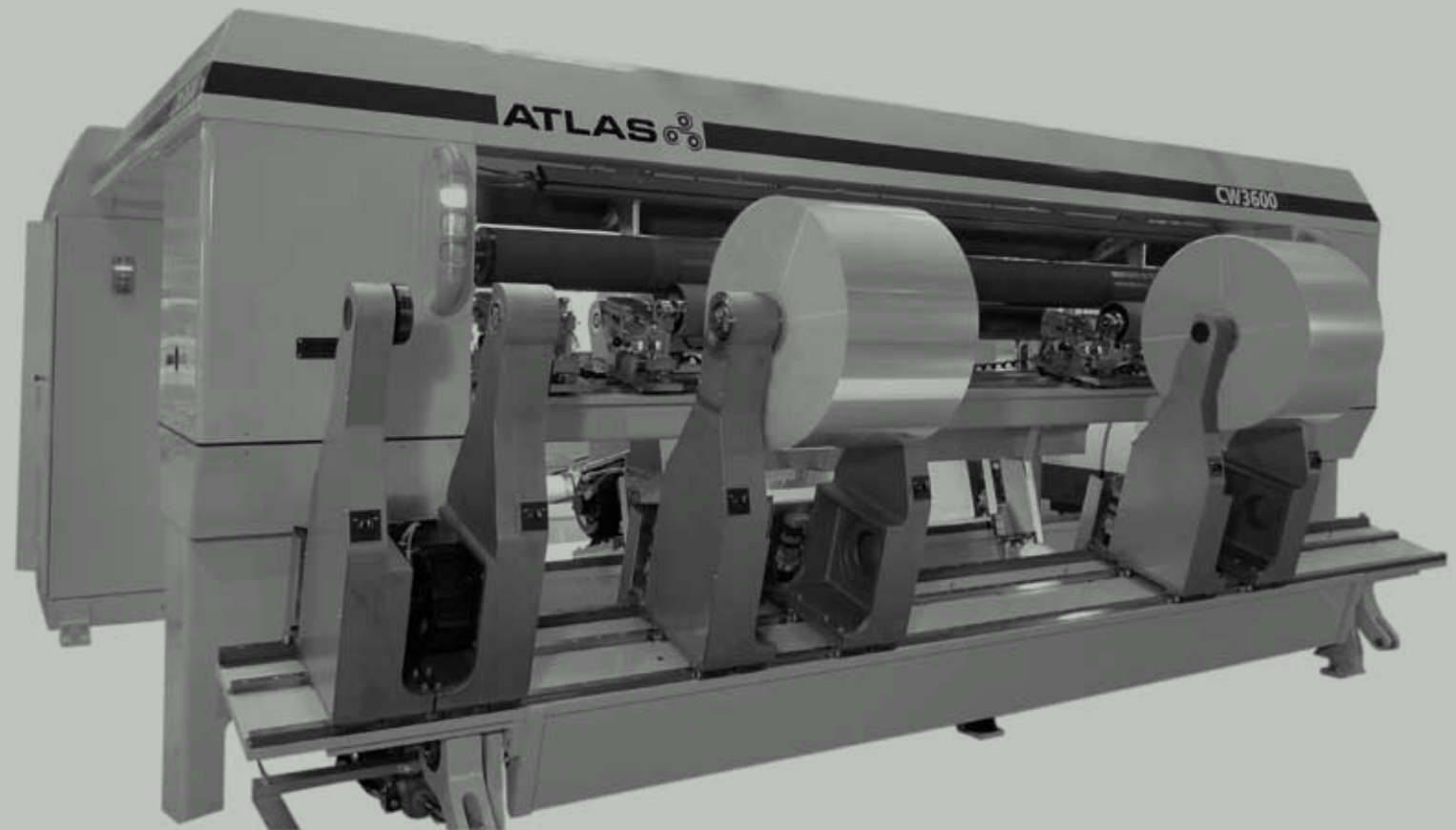
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ATLAS 
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Atlas CW3600 Series Slitter Rewinder



Atlas CW3600 Series Slitter Rewinder



The new Atlas CW3600 Series slitter rewriter is part of a new technology platform which delivers higher efficiency, more productivity, higher quality rewind reels, reduced noise levels and more effective operator control systems.

The compact design of this slitter rewriter is harmonised with the larger CW1040 primary film slitter and features an improved web path configuration. The electrical control cabinets are fully integrated which reduces the space required for installation.

In addition, high efficiency motors, improved hydraulics and a reduction in electrical wiring make the new CW Series a more environmentally friendly solution.



Human-Machine Interface (HMI)

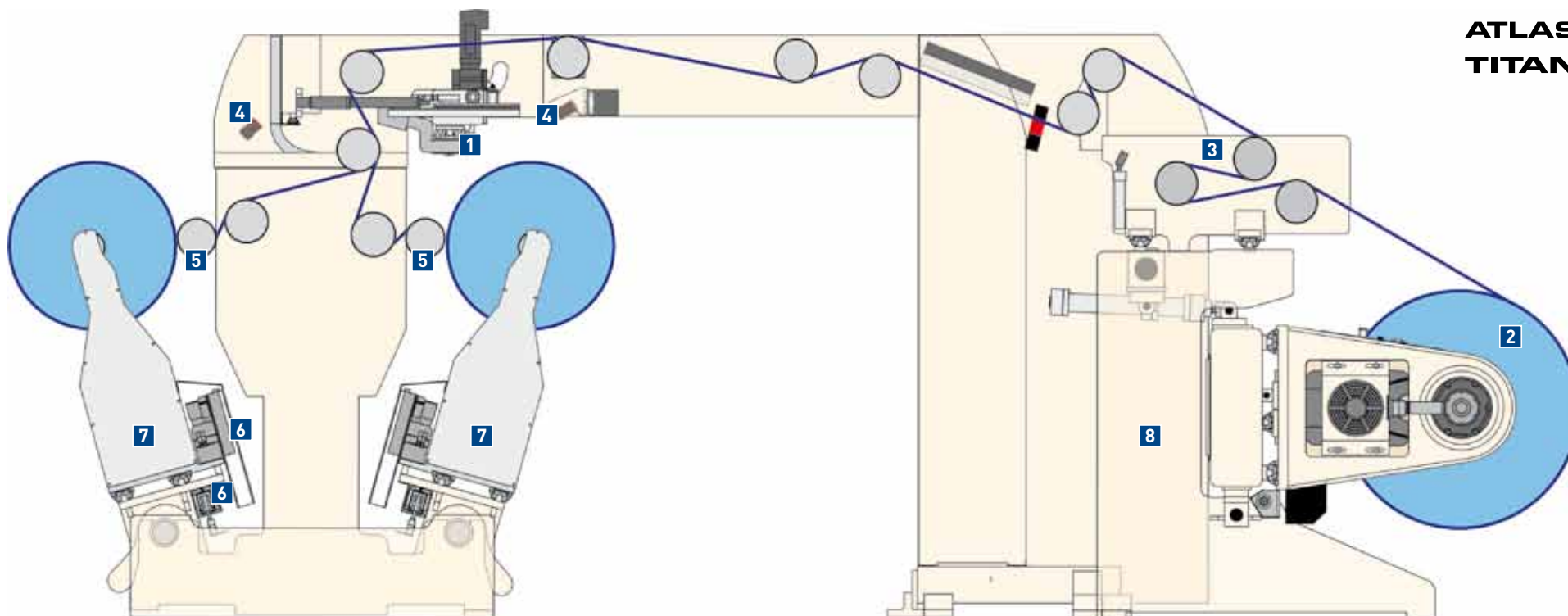
One fully integrated master control screen simplifies operation of the machine and is mounted on the machine guard.

Standard features

- Wireless rewind arm positioning
- Individual direct acting contact rolls
- High efficiency hydraulic system
- Running speed up to 1000m/min.
- Widths of 2500mm, 3250mm & 3600mm
- Slitting in air to a minimum width of 300mm
- Integrated fault diagnostics with remote internet access
- Rewind static control system
- Driven rollers

Optional features

- Choice of narrow & heavy-duty rewind arms
- Automatic knife positioning system
- Automatic rewind arm positioning system
- Running speed up to 1200m/min.
- Individually driven rollers
- Slitting in groove
- Additional unwind static control bars
- Minimum slit width 200mm
- Unwind & rewind section safety scanners



1 Automatic Knife Positioning
Uses the Atlas pick & place system for setting the knives in groove or in air.



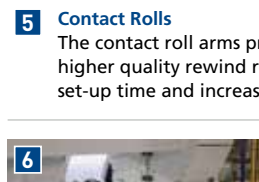
4 Static Control System
There are two DC pulse static control bars mounted in the overhead section of the machine to reduce the static charge in the internal & external rewind reels. (Two additional static control bars available as an option).



7 Rewind Arms
Three types of rewind arms are available for slit widths as narrow as 200mm with heavy-duty arms for wider reels and rewind diameters up to 1200mm (same as primary slitters). A reduced number of belts per driven rewind arm improves reliability. The rewind motors have torque characteristics which increase efficiency & productivity.



2 Shaftless Unwind
A shaftless floor pick-up unwind incorporates either one or two regenerative motors for optimum unwind tension control with edge guide and optional oscillation.



5 Contact Rolls
The contact roll arms provide more precise contact, which enables higher quality rewind reels. Contact roll parking enables reduced set-up time and increased productivity.



8 Drive Control Panels
The electrical control panels are air-conditioned and fully integrated in to the unwind section which reduces the space required for installation and reduces the overall machine 'footprint'.



3 Pneumatically Actuated Tension Control
The complete assembly moves with edge guide oscillation and linear movement of the roller.



6 Wireless Rewind Arm Positioning
Rewind arms are positioned using industrial 'Bluetooth' technology which also sends speed and tension references automatically to the drives. Power is provided by a DC bus bar located under the rewind beams.