

TECHNICAL SPECIFICATIONS

Power	380 to 440 V / 50-60 Hz
Pneumatic	6 to 7 bars
Control	PLC with touchscreen
Recipe system	
Security system	CE
Maximum speed	150 m / min
Parent roll :	
Width	60 to 400 mm
Maximum diameter	1,850 mm
Maximum weight	500 kg
Unwinding tension control	100 to 400 N
Unwinding stand	2
Unwinding roll brake	Pneumatic / Driven as option
Slitting system :	
Slitting width	From 10 mm and upwards
Shear, Crush, Fixed or Floating razor blades	
Slitting systems	1 to 32 knives
Spool :	
Width	400 mm
Diameter	400 mm
Maximum weight	40 kg
Pitch	0 to 28 mm
Tension range	5 to 15 N
Other accessories :	
• Digital option to manage spool shapes and spooling technologies	
• From 6 to 30 spooling units	400 x 400 mm
• Splicing unit	Ultrasonic or standard
• Double unwinding station	
• Single high capacity unwinding station	1,850 mm diameter, 500 kg
• 3 cutting systems (shear, crush, fixed or floating razor blades)	
• Scrap edges spooling unit	
• Spool ejection system	
• Semi-automatic bobbin unloading system	
• Universal core adaptor 3" to 6"	Corexal®
• Fault detection camera	

Non contractual pictures and technical data - Last update : Nov. 2012



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AQUILA

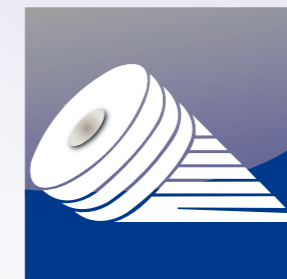
Slitting and spooling line to convert secondary rolls into narrow strip spools

Unwinding
 Déroulage
 Umrollen

Spooling
 Trancannage
 Spulen



Slitting
 Coupe
 Schneiden



CALEMARD

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AQUILA

Precise and versatile narrow slitter able to convert secondary rolls into narrow strip spools

Products

- Woven fabrics
- Stable nonwoven fabrics
- Adhesive tapes
- Plastic films

Flexibility

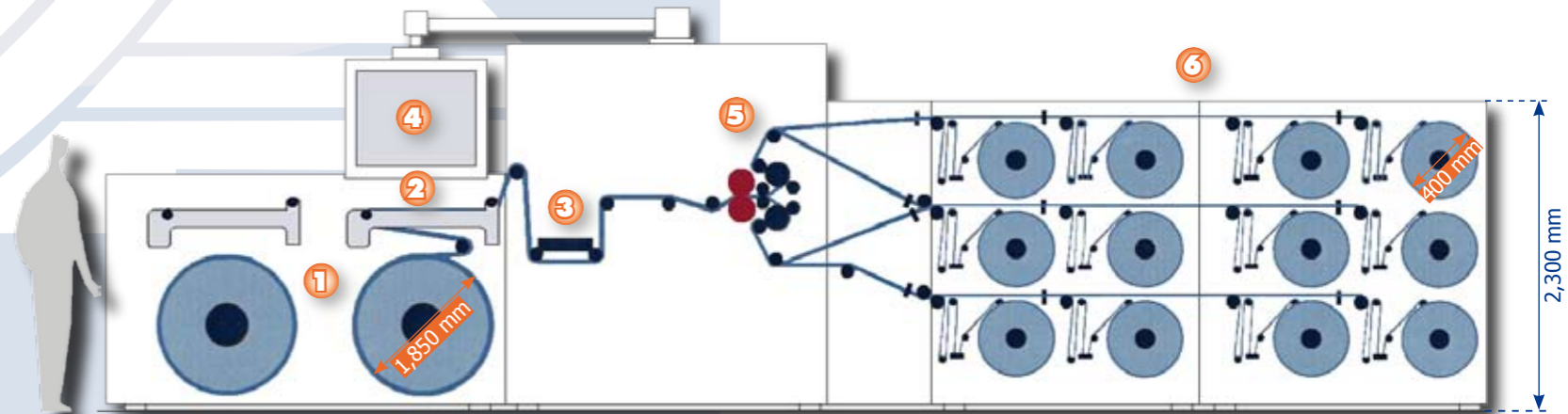
- The **digital option** on Aquila allows managing spool shapes (conical/pyramidal/pineapple...) and spooling technologies (standard or step-winding...)
- Based on a modular design, the production capacity of the Aquila can be easily increased **from 6 to 30 spooling units** to follow the increase of your production needs
- **All type of slitting technologies** are available on the same machine, enabling the best cutting result whatever the type of product or application (crush, shear, fixed or floating razor blades ...)

Efficiency

- Touchscreen operator panel with recipes storage
- Only 1 operator is required to handle the machine
- High security systems (infrared curtains, safety doors with electrical interlocking ...)
- Automatic spool ejection on dedicated unloading trolleys

Quality

- **Low and controlled winding tensions** preventing product damage and allowing a best-in-class unwinding capability on downstream machines
- **High precision guiding system** to minimize selvedge scrap and optimize the cutting accuracy
- Fault detection camera as option



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- 1 Double unwinding station
- 2 Adhesive tape or ultrasonic splicing table
- 3 Guiding system

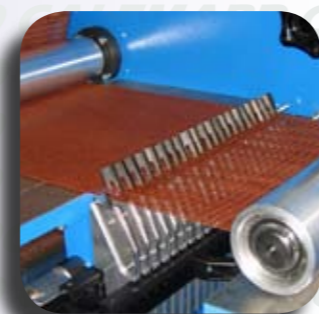
- 4 PLC control
- 5 Cutting system
- 6 From 6 to 30 spooling units



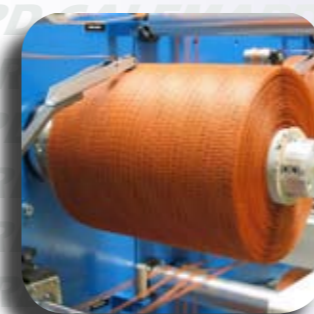
Single high capacity unwinding station (1,850 mm/500 kg)



High precision guiding system



Floating razor blades



Spooling unit



Up to 30 spooling units 400 x 400 mm



Unloading trolley