

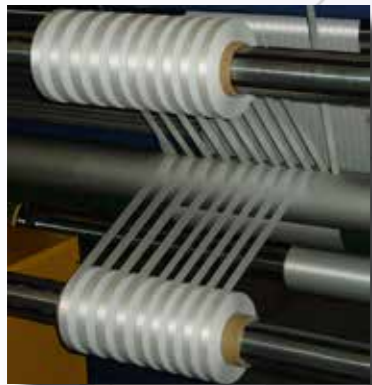


Rewinding technology

Present since 1955 on a wide range of markets, **CALEMARD** has focused its activity on highly technical demanding applications. **CALEMARD** has therefore gained strong market positions on industrial markets, in particular when quality slitting and/or rewinding are difficult to achieve. For a perfect slitting quality whatever the type of product and the application, we propose different winding technologies, adapted to your needs :

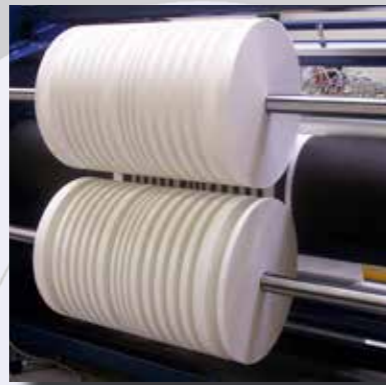
Centre winding :

Rewinding of the rolls happens axially. The positioning of the bars allows staggered rewinding of the material. Rewinding is performed on shafts received in safety bearings installed on both side plates of the machine. Unloading of the bars happens through opening both bearings. Cantilevered bars are also available to optimise unloading process.



Centre Surface winding :

Rewinding of the rolls happens axially and tangentially. Center surface winding is used primarily for rewinding large diameter rolls on extended web width applications, as well as to rewind narrow tapes. On a center surface slitter, the web is pulled by the primary surface roller. Finished roll density is then developed independently from the web tension. This is done through controlled lay-on nip pressure as well as torque from the primary surface roller.



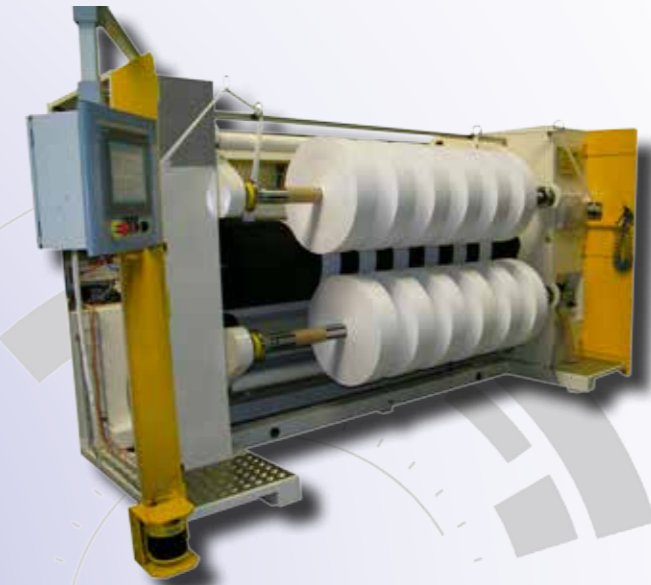
Spooling increased line efficiency with longer production run :

- Longer run times and higher line speeds
- Decreased downtime when using the longer length spools
- Fewer roll changes
- Fewer splices during end use processing
- Improved package stability for narrow tapes
- Increased flexibility in package sizes
- Reduced waste due to roll damage & handling



Rely on an Expert company for your web processing Equipment

Slitter Rewinder



In-line cutting bench

Spooling lines



Slitting technology

Our market position has been reached due to a strong know-how in slitting technologies. **CALEMARD** has a proven expertise in crush, shear, razor, hot, ultrasonic and combined slitting systems. This expertise allows us to propose machines featuring 3 cutting systems on the same machine !



Crush cutting



Shear cutting



Razor blades



Direct hot cutting



Hot sealing + crush cutting



Ultrasonic sealing + crush cutting



Record Number: 2011072750

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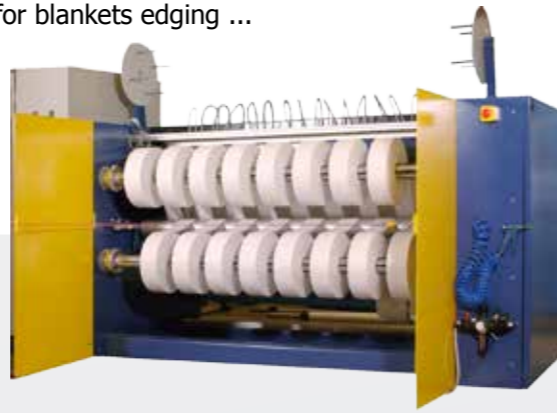
www.calemard.com

ATHENA- Cost-effective slitting machine

Wide slitter / rewinder to convert primary rolls into narrow pancakes down to 10 mm width

Applications : Ribbons for printed labels, Ribbons for decoration, Ribbons for blankets edging ...

TECHNICAL SPECIFICATIONS			
• Mother roll :	Standard	Option	
Max width :	1,800 mm	2,200 mm	• Max. running speed : 60 m/min
Max. diameter :	400 mm		• Mini. slitting width : 10 mm
Max. weight :	200 kg		
• Secondary roll :			
Max. diameter :	400 mm		
Max. weight (per shaft)	150 kg		



ASTRÉE - Compact slitting or tubing machine

Mini slitter / rewinder to convert secondary rolls into narrow tapes or tubes down to 6 mm

Applications : Ribbons, Labels, Filtration fabrics...

TECHNICAL SPECIFICATIONS			
• Mother roll :		Standard	Option
Max width :	500 mm		• Max. running speed : 30 m/min
Max. diameter :	500 mm		• Mini. slitting width : 6 mm
Max. weight :	25 kg		
• Secondary roll :			
Max. diameter :	500 mm		
Max. weight (per shaft)	15 kg		



VEGA - Heavy duty slitter

Wide slitter / rewinder to convert primary rolls into narrow pancakes down to 30 mm width

Applications : Vertical blinds (heavy coated fabrics), Fabrics for sun protection, Home furnishing fabrics, Fabrics for flags, Heavy filtration fabrics, Nonwovens ...



TECHNICAL SPECIFICATIONS			
• Mother roll :	Standard	Option	• Max. running speed 100 m/min
Max width :	2,400 mm	3,400 mm	• Mini. slitting width : 30 mm
Max. diameter :	600 mm	1,200 mm	
Max. weight :	300 kg	1,000 kg	
• Secondary roll :			
Max. diameter :	600 mm		
Max. weight (per shaft)	200 kg		

CENTAURE- High capacity slitter-rewinder

High capacity slitter-rewinder to convert large rolls into 80 mm and above pancakes

Applications : Nonwoven fabrics, Gauze...



TECHNICAL SPECIFICATIONS			
• Mother roll :			• Max. running speed 300 m/min
Max width :	2,400 mm		• Mini. slitting width : 80 mm
Max. diameter :	1,300 mm		On reduced Ø : 35 mm
Max. weight :	500 kg		
• Secondary roll :			
Max. diameter :	1,300 mm		
Max. weight (per shaft)	250 kg		

ORION - Top quality slitter

Technical slitter-rewinder to produce high quality large diameter and narrow pancakes down to 15 mm width

Applications : Vertical and rollers blinds, Fabrics for filtration, Nonwovens ...



TECHNICAL SPECIFICATIONS			
• Mother roll :	Standard	Option	• Max. running speed 200 m/min
Max width :	2,200 mm	3,000 mm	• Mini. slitting width : 15 mm
Max. diameter :	1,200 mm	800 mm	in option 10 mm
Max. weight :	800 kg		
• Secondary roll :			
Max. diameter :	1,000 mm		
Max. weight (per shaft)	250 kg		

HERCULES - Multipurpose batch rolling machine

Batch rolling machine dedicated to the conversion of primary wide big rolls into secondary rolls of reduced Ø and/or width

Applications : Nonwoven fabrics, Gauze ...



TECHNICAL SPECIFICATIONS			
• Mother roll :	Standard	Option	• Max. running speed 300 m/min
Max width :	2,400 mm	3,000 mm	• Mini. slitting width : 400 mm
Max. diameter :	1,200 mm		
Max. weight :	1,000 kg	2,000 kg	
• Secondary roll :			
Max. diameter :	800 mm		
Max. weight (per shaft)	400 kg		

TUCANA - For sensitive products and laminating operations

Wide slitter and rewinder to convert primary rolls into narrow pancakes down to 6 mm width

Applications : Ribbons, Labels, Filtration fabrics, Special fragile products ...

TECHNICAL SPECIFICATIONS			
• Mother roll :	Standard	Option	• Max. running speed 60 m/min
Max width :	1,800 mm	2,200 mm	• Mini. slitting width : 6 mm
Max. diameter :	600 mm		
Max. weight :	200 kg		
• Secondary roll :			
Max. diameter :	450 mm		
Max. weight (per shaft)	100 kg		



PHOENIX - Universal cutting module

Precision slitting bench adaptable on most kinds of existing machine (stenter frames, inspection machine...) for edges trimming and centre slitting

Applications : used for a large range of different fabrics including Airbags, Light conveyor belts, Sun protection, Flags...

TECHNICAL SPECIFICATIONS			
• Mother roll :	Standard	Option	• Max. running speed 100 m/min
Max width :	2,400 mm	3,400 mm	• Mini. slitting width : 600 mm

