

# GEMINI

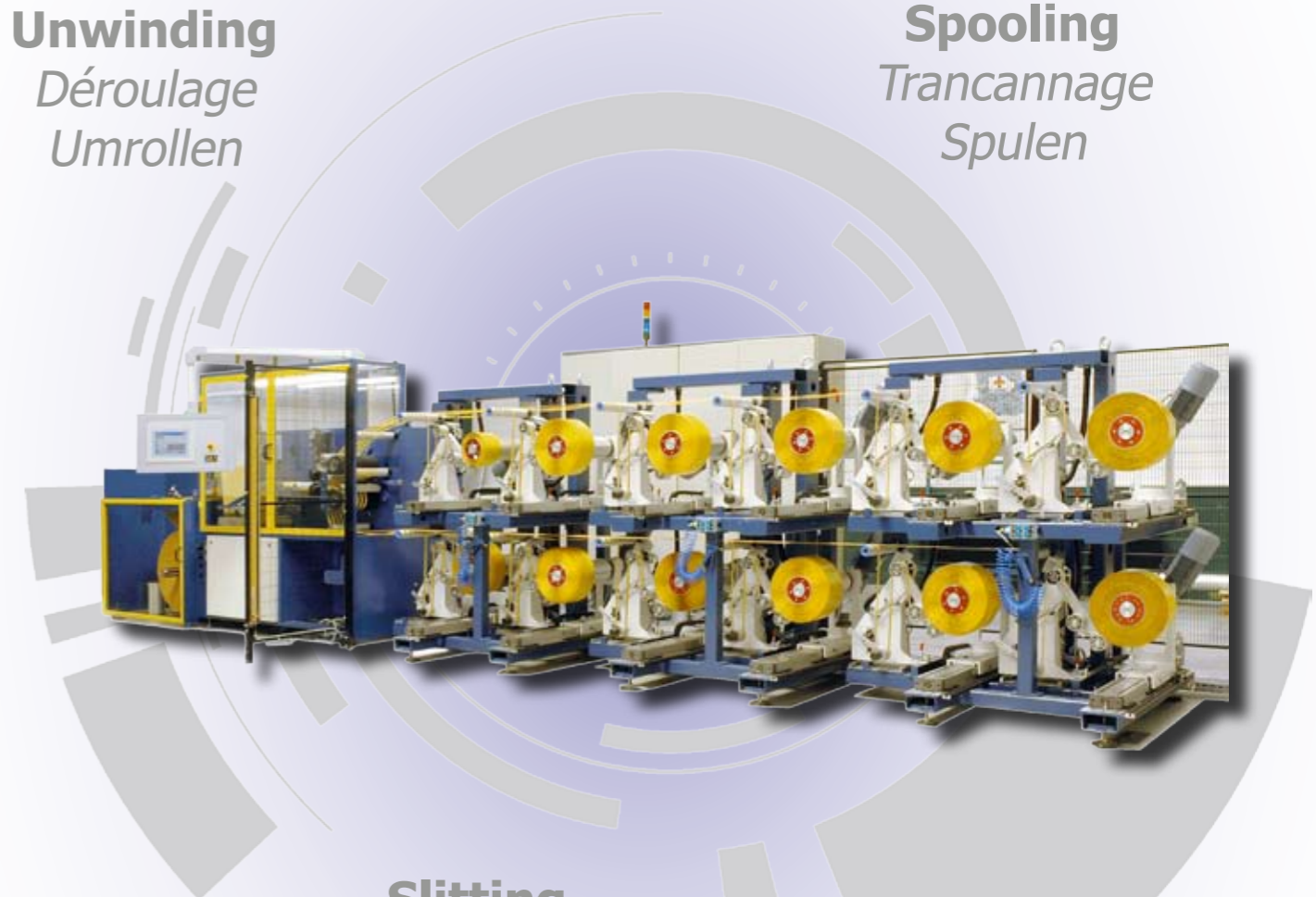
## Slitter and spooling line for fragile product

### TECHNICAL SPECIFICATIONS

Power	380 to 440 v / 50 hZ
Pneumatic	6 bars
Control	PLC with touchscreen
Recipe system	
Security system	CE
Maximum speed	200 m / min
<b>Parent roll :</b>	
Width	up to 400 mm
Maximum diameter	800 mm
Maximum weight	150 kg
Unwinding tension control	100 to 400 N
Unwinding stand	2
Unwinding roll brake	Pneumatic / Driven as option
<b>Slitting system :</b>	
Slitting width	5 to 100 mm
Shear, Crush, Fixed razor blades	
Slitting systems	1 to 13 knives
<b>Spool :</b>	
Width	200 to 500 mm
Diameter	80 to 500 mm
Maximum weight	40 kg
Pitch	5 to 50 mm
Tension range	1 to 15 N
<b>Other accessories :</b>	
• Unloading trolley	
• Splicing unit	Ultrasonic or standard
• Double unwinding station	800 mm diameter, 150 kg each
• Single high capacity unwinding station	1,850 mm diameter, 500 kg
• Universal core adaptor 3" to 6"	Corexal®
• Scrap edge winder	

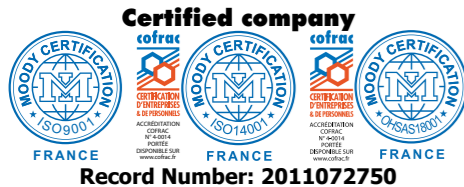
**Unwinding**  
Déroutage  
Umrollen

**Spooling**  
Trancannage  
Spulen



**Slitting**  
Coupe  
Schneiden

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



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# GEMINI

**Precise slitter and spooling line able to convert secondary rolls of wide range of products into narrow tape spools**

## Products

- Adhesives
- Foams
- Films
- Nonwovens

## Flexibility

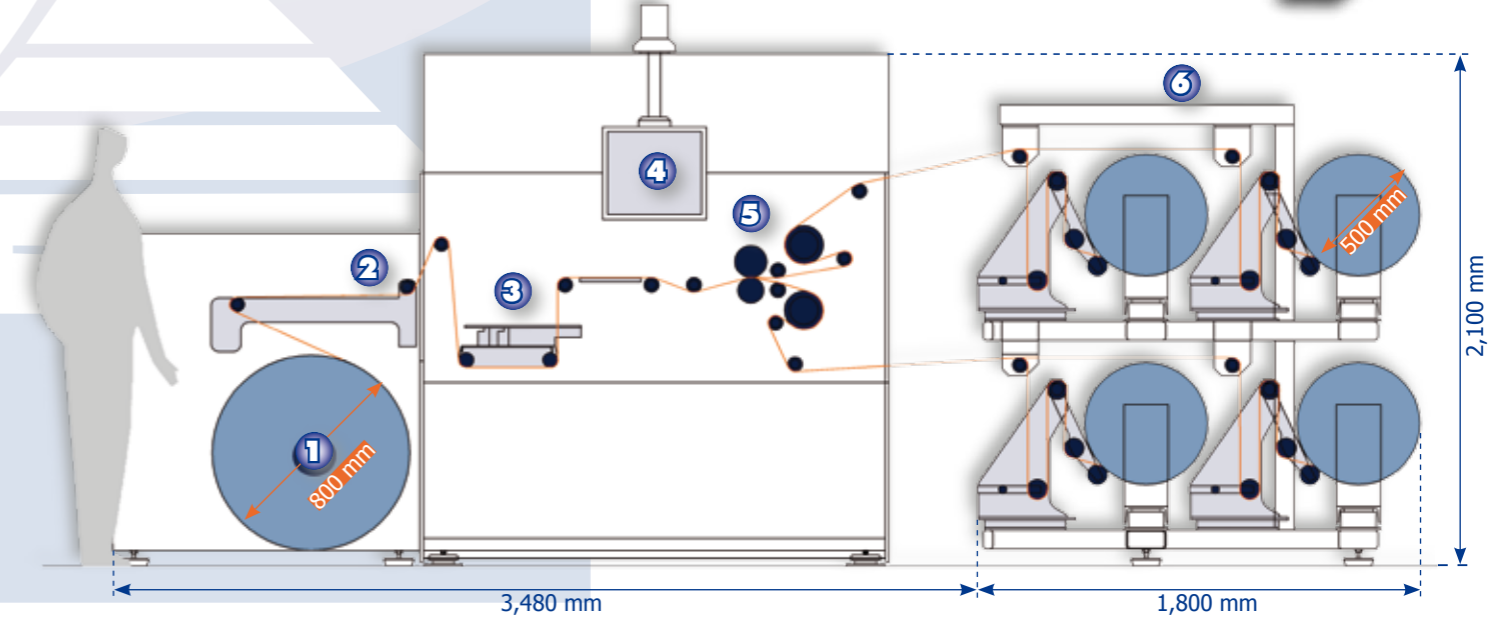
- **Converting various products** in terms of material, thickness and width on a same machine
- Based on a modular design, the production capacity of the Gemini can be easily increased **from 4 to 12 spooling units**
- **Flexibility** in spool dimensions and winding pattern (level wound, taper wound, reverse taper wound, magnum wound...)

## Efficiency

- Running speed of 200 m / min
- Touchscreen operator panel with recipes storage
- Simple maintenance and complete access to all parts from front to rear

## Quality

- **Fully automated machine** with latest PLC generation allowing an individual control of each spooling unit
- **New spooling technology** with a very precise guiding to keep the strips straight in line
- **Low and controlled winding tensions** preventing product from any deterioration even for very fragile products
- Self traversing spools for straight strip conveying (no distortion / twisting)



1 Single or double unwinding station

2 Adhesive tape or ultrasonic splicing table

3 Guiding system

4 PLC control

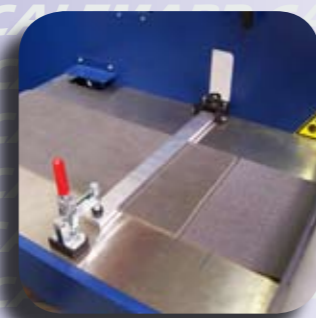
5 Cutting systems

6 From 4 to 12 spooling units

# CALEMARD



Single unwinding station (diameter 800 mm, 150 kg)



Adhesive tape splicing table



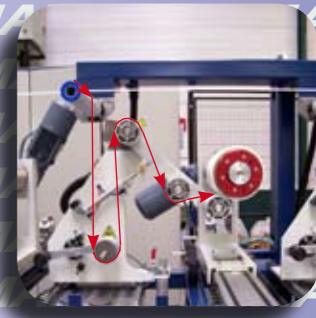
High precision guiding system



Shear cutting system



Precise guiding to keep the strip straight in line



Individual control of each spooling unit