



**More than 60 years' experience**

**Machines delivered in more than 100 countries!**

**Fully equipped Testshop for trials on your own materials!**



**Your Solution Provider for converting needs in Filtration industry**

**Let us carry out your project!**

	Tel. +33 (0) 477 90 00 34 calemard@spoollex.com www.calemard.com	
	<b>Calemard® by Spoollex</b> A brand of <b>SPOOLEX SAS</b> ZI du Buisson - 7 Rue de la Poudrière 42230 Roche la Molière - France	
	Certified company Record Number: 17023-C1473 & C1744	

<b>Process know-how</b>		<b>Optimized quality</b>	<b>Worldwide support</b>
<b>Added value final products</b>		<b>Just what you need</b>	<b>Customized solutions</b>
	<b>All in-house organization</b>	<b>Reliability</b>	



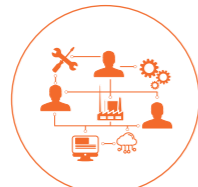
[www.calemard.com](http://www.calemard.com)

# EXPERIENCED PARTNER

- 5% of turnover invested in R&D
- 15 skilled technicians & engineers
- 23 patents

## Technological support

### Slitting & Tension Control expertise



#### Who we are

For over 60 years Calemar<sup>®</sup>, the machinery division of SPOOLEX company, has been providing high quality converting equipment and services.

Expert in slitting and rewinding processes, we have developed several automated solutions around these know-hows, engineered 100% in house.

To meet your needs of higher productivity, operator's safety and line production flexibility, we support you throughout your project, from design to finished line, ready to run!



### In-house Engineering

Our integrated Engineering department can handle your project from simple slitting machine to fully automated line!

#### Its mission:

- To engineer innovative and added-value solutions
  - To design tailored machine concept
- To support customer in choosing the most suitable technological solutions

We can set-up trials and process feasibility in our test shop. This support is a guarantee to define the most cost-effective standard or specific solution.



### Customer Care

This structured and optimized service is dedicated to our customer's full satisfaction. A team of experienced and highly trained technicians ensures:

- Worldwide assistance
- Training and support
- Commissioning
- Spare-parts and upgrades

# CONVERTING EQUIPMENT

### With Calemar<sup>®</sup> equipment you get:

- Modular, retrofittable and upgradeable equipment
- Versatile and adaptable equipment
- Precise and compact solutions
- User and eco friendly machines

### With Calemar<sup>®</sup> equipment you will be sure:

- **To increase** capability and efficiency of your downstream process
- **To optimize** your process and your final product quality

### Range overview

#### Slitter-rewinders:

From Standard to High-tech configurations

From slitting down to 2 mm to edge trimming on 3.4 m webs, depending on slitting technology and machine design

- Versatile and customised **ultrasonic splicing solutions**: From integrated modules to separate equipment

### Slitter-rewinders

Compact equipment with adaptable configurations developed to achieve the highest possible final product quality. Several slitting technologies available.

#### Athena



Cost-effective slitter-rewinder to produce narrow pancakes

- Mother roll: 1.8 x Ø 400 mm
- Secondary rolls: Ø 400 mm

#### Vega



Wide slitter-rewinder for pancakes producing or edge trimming

- Mother roll: up to 3.4 m x Ø 1.2 m
- Secondary rolls: Ø 600 mm

#### Astrée



Precise slitter-rewinder for narrow slitting and tubing with a very good tension control

- Mother roll: up to Ø 500 mm x 500 mm
- Secondary roll: up to Ø 500 mm

Ultrasonic, combined, cold or hot slitting

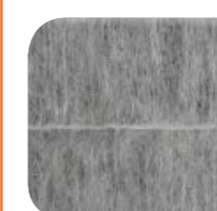
2 unwinding shafts for tubing applications



### Ultrasonic splicing

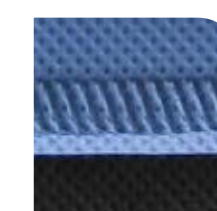
Versatile solutions to perform **strong, invisible and reliable plain splices**, without external element such as glue, adhesive, needle and thread. We offer 2 technologies:

#### Butt-to-butt web splicing



- Ultrasonic technology
- High quality and resistant splices
- Nearly invisible splicing

#### Overlap web splicing



- Higher strength
- Ultrasonic or with tapes



### Handling and Automation

Our Engineering department has developed several handling and automated loading & unloading solutions to boost your productivity and operators' safety!

### Test Laboratory

Thanks to our fully equipped Laboratory, we can perform any tests on your own products. Don't hesitate to send us your products!

