

**CALEMARD**

***The global reference in quality slitting  
and rewinding flexible solutions***

# Unwinding solutions

**Integrated unwinder**  
*Déroutage intégré*



**Separated unwinder**  
*Déroutage séparé*



**From A-frame/bock**  
*A partir d'un A-frame/bock*



**CALEMARD**

by Spoolex

***www.calemard.com***



# Unwinding solutions

- Based on a modular design, our slitting machines could be adapted to your specific needs
- To adapt our machine to your mother roll specifications, we propose different type of unwinder :

## Integrated Unwinder

The integrated unwinding station is an independent module fixed on the main machine frame. It is constituted of two side plates assembled with a connecting cross bar and fitted with two safety bearings to receive the unwinding shaft. An electrical jack moves laterally this module to insure material guiding



Side plate



Cross bar



Ball bearing



Integrated unwinder for standard products

## Separated Unwinder

The separate unwinding station is an independent module connected to the main machine frame through a walk-on bridge. It is constituted of two side plates assembled with a connecting cross bar fitted with two safety bearings to receive the unwinding shaft. The unwinding shaft could be cantilevered in order to ease loading operations. The unwinding shafts are driven through AC servo-motors, and their speed is automatically adjusted when diameter decreases. Also available as forck type for mother roll pick-up from floor



Walk-on bridge



Pick-up from floor system



Cantilevered shaft



Separated unwinder for larger mother roll diameter

## Unwinder from A-frame/Bock

The unwinding elements to unwind the material from existing A-frame/Bock constitute an independent module connected to the main machine frame through a walk-on bridge. A connectable brake is installed on the unwinding axle to the A-frame/bock to insure the material tension. A measuring cell or diameter feeler, allows automatic adjustment of the braking torque when the roll diameter decreases



Walk-on bridge



Brake



Measuring cell



Separated unwinder from A-frame/bock

*Non contractual pictures and data  
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