

# FIRST AID DRESSING WEB CONVERTING MACHINES

The MED series is a flexible and modular web processing unit which has been specifically designed to efficiently produce, at high speed, any type of first-aid and wound care product in all the different formats. Thanks to RCA expertise in web material handling and the technical solutions adopted in our machines, we are able to process a variety of materials with different properties and behaviours obtaining high quality products. The machines can be equipped with cold sealing as well as with hot sealing rotary stations to perfectly seal any kind of material used for the primary packaging of each single product.

The flexibility of our machines makes it possible to manufacture in the same machine products in single lane or in multi-lane, thus greatly increasing the production output which starts from 500 pieces to more than 5.000 pieces/minute.

The quality of the product and the stability of the converting process are assured by the internally engineered cutting modules and rotary dies which are the result of a 25 years long experience in cutting of different materials in various applications.

Thanks to a dedicated program which, when requested, is included in the software, the machines are eligible for the Industry Digitalization Program 4.0

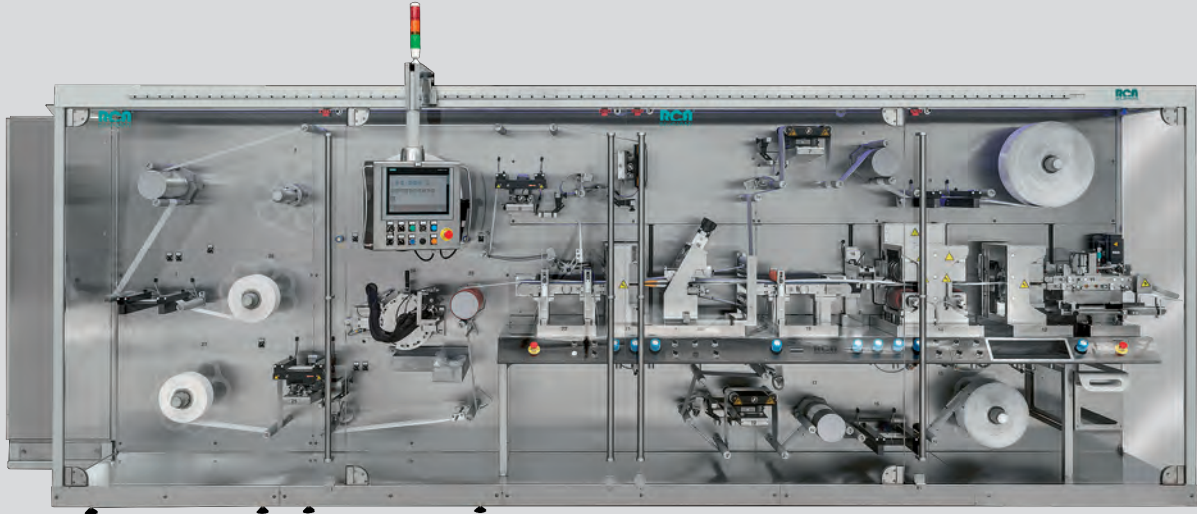
www.rcabignami.com



## DESCRIPTION

Mechanical Speed	100 m/min
Production Speed	15-80 m/min
Formats	all you need
Web width	200-300 mm
Cold Sealing	2600 pcs/min
Ex. 19x72 (pouch 30 mm)	
Rotary hot sealing	1300 pcs/min
Ex. 19x72 (pouch 30 mm)	
Time for format change	15-45 min
Multi lanes	1 to 5
Max. coil Ø	800 mm
Axial coil adjustment	± 25 mm
Automatic change over	opt
Tools extraction system	opt
Tools working pressure from HMI	opt
Gel dosing System	opt
Quality control vision camera	opt
Multilayers lamination	1 to 20

Cartooning machine	opt
Flow pack machine	opt
Pile counting	opt
Steaker for families	opt
Rewinding of finished products	opt
Multi product pouch with zip-lock	opt
Ultrasonic sealing	opt
Three rolls cutting system	opt
Centering of cut with plaster print	opt



# ADVANCED WOUND DRESSING MACHINES

In addition to the classical first-aid and wound dressing products, the MED series can also produce sophisticated ADVANCED wound dressings with foam, hydrogel, hydrocolloid, etc.

Dedicated systems, positioned at the core of the web processing process, are able to dose gels, creams, ointments or to spray different liquids directly on the materials.

A new station has been designed and introduced in the web converting process for the impregnation, in island mode, of gauzes with creams making it possible to obtain the finished and packed product in one line without the need to have separate production processes.

## DESCRIPTION

Mechanical Speed	100 m/min	OCV/OCR vision camera	opt
Production Speed	15-40 m/min	Multilayers lamination	1 to 20
Formats	all you need	Cartooning machine	opt
Web width	200-300 mm	Flow pack machine	opt
Rotary hot sealing	100-1200 pcs/min	Pile counting	opt
Plate hot sealing	100-1200 pcs/min	Steaker for families	opt
Time for format change	15-45 min	Multi product pouch with zip-lock	opt
Multi lanes	1 to 5	Ultrasonic sealing	opt
Max. coil Ø	800 mm	Zero gap cutting and island placing	opt
Axial coil adjustment	± 25 mm	Three rolls cutting system	opt
Automatic change over	opt	Metal detector	opt
Tools extraction system	opt	Flexo printing in-line	opt
Tools working pressure from HMI	opt	Centering of cut with plaster print	opt
Coating in-line	opt	Centering of upper/lower pouch	opt
Spraying in-line	opt		
Gel dosing System	opt		
Corona treatment	opt		
Quality control vision camera	opt		

