



SIAT

M. J. MAILLIS GROUP

Automatic Wrapping

Mancon
RA-Range
WS-Range
MFP - MFB
AVO ORB
AVO-T



New VIKING carriage

RA RANGE

MANCON

AVO ORB

CE

Mancon Range

All the machines of this range are made with strong and robust tubular steel frame with four telescopic supports (legs) and equipped with stiffening ribs on the feet and on the points of maximum stress (computation of the structure finite element Cosmos).

Thanks to their standard carbon fiber ring (patent M.J. Maillis Group), Mancon models are capable of reaching high speeds with a low level of inertia.



On Mancon range models it is possible to determine the required PLr.

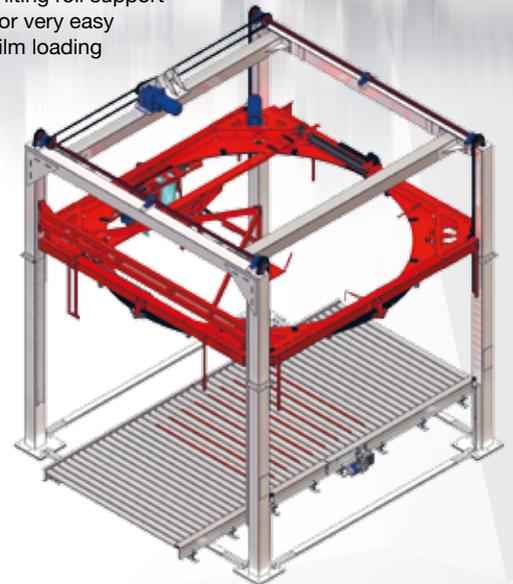


Key Features

- Electrical distribution rotating Wampfler 6 rails industrial system and signal transmission by certified Phoenix Contact Bluetooth®.
- Values obtained by mechanically stretching with pairs of pulleys to ensure repeatability in time. Available values from 20% to 400%.
- Three kits supplied as standard: values chosen by the customer. Locking system of the door of the stretch carriage with "No Thread" to maximize operator's actions. Spindle-holder with an opening angle of 40° for a perfect ergonomic position of the operator.
- Automatic pallet height reading photocell.
- The stretch carriage is fitted with a low-inertia motor (servomotor Lenze) controlled by vectorial inverter to ensure an absolutely constant value on film consumption.
- Treatment film end with welding infrared (patent M.J. Maillis Group) to ensure a pallet without any tape of film tail and a perfect welding of the whole film.
- Wiring with Profibus fieldbus modules distributed.
- Electrical control panel with Siemens® S7 300 PLC (optional Allen Bradley® brand) and Proface display operator interface. Other brands on request.
- The machine has 15 programs freely customizable.
- The machines are fully configurable with many additional options. Please ask for any further detail may you need.



Tilting roll support for very easy film loading



Technical features	Mancon 1710		Mancon 2265		Mancon 2800a		Mancon 3500	
	std.	maxima	std.	maxima	std.	maxima	std.	maxima
Maximum pallet diagonal	1710	1650	2265	2150	2800	2700	3600	3500
Max rotation speed (rpm)	50 rpm		40 rpm		32 rpm		25 rpm	
N° of pre-stretch carriages	One (std) Two (option)	Two	One (std) Two (option)	Two	One (std) Two (option)	Two	One (std) Two (option)	Two
Ergonomic (no thread) film roll loading	standard for all the machines models							
Available pre-stretch ratios	from 20% up to 400%							
N° of seaming unit/s	One	Two	One	Two	One	Two	One	Two
Type of film sealing	Infrared seaming (std) or hot wire welding-cutting system (option)							
Integrated Top Sheet (waterproof)	Optional	n/a	Optional	n/a	Optional	n/a	Optional	n/a
External Top Sheet (dustproof)	Optional							
Motorised Pantograph top press	Optional							
Motorised Film Roping device	Optional							
Pneumatic Pallet lifter	Optional							
Integrated automatic corner applicator	Optional							
No-Lube System (for food industry)	Optional							

for more details:

