



INDUSTRY AUTOMATION AND ROBOTICS

**AUTOMATIC PRE-STRETCHING MACHINE  
MOD. PRE 500 MULTI**

REWIND :  
CORE - CORELESS  
MANUAL - MACHINE ROLL  
STANDARD AND PRE-STRETCHED FILM

January 2020

# Technical features

<b>Max Film width</b>	500 mm
<b>Min. film width</b>	400 mm
<b>Max. diameter mother roll</b>	550 mm
<b>Max. diameter finished roll</b>	280 mm
<b>Core diameter mother roll</b>	76 mm. (standard)
<b>Core diameter finished roll</b>	50 mm. (76 mm.- 38 mm.)
<b>Core max. width</b>	590 mm.
<b>Coreless inside diameter</b>	50 mm. / 76 mm.
<b>Coreless shaft</b>	Special <b>Patented</b> maintenance free
<b>Jumbo roll loading</b>	from the ground by means of a hydraulic lift
<b>Material thickness</b>	6 - 30 micron (12 - 30 micron for pre-stretching)
<b>Max. operating speed</b>	850 m/min
<b>Pre-stretching ratio</b>	adjustable by means of electronic control 100-400 % in multiple step and multiple roller ( <b>Patented</b> new design) with <b>neck-in adjustment</b>
<b>Film tensioning and relaxation control</b>	programmable by the operator and stored in recipes
<b>In line hole detector</b>	detects possible holes in the film ; generates an alarm or stops the machine when the tolerance level , set by the operator , is reached
<b>Folding edge device and randomizer</b>	folding edges adjustable from 5 to 10 mm. ; randomizer synchronous with production speed and adjustable in frequency and amplitude
<b>Finished roll diameter setting</b>	A new <b>Patented</b> system based on Software Algorithms and Hardware Cutting Edge Technology allows the Operator to set the final diameter making the roll more or less fluffy (according to market requirements)

**Adjustable slitting device**

**Cardboard cores for miniroll**

**Finished roll weight check (+ 20 g)**

**Cardboard core storage capacity**

**Installed power supply**

**Voltage**

**Air compressed requirements**

**Compressed air consumption**

**Weight**

**Machine control**

## **Stretch film AUTOTUNING**

**Optional** complete with steering rollers for the production of 4-5 **miniroll both core and coreless**

pre-cut or single ( max overall width 600 mm.)

**Optional**

approx. 70 (50 mm cores)

19 Kw

400 Vca 3 Ph 50/60 Hz

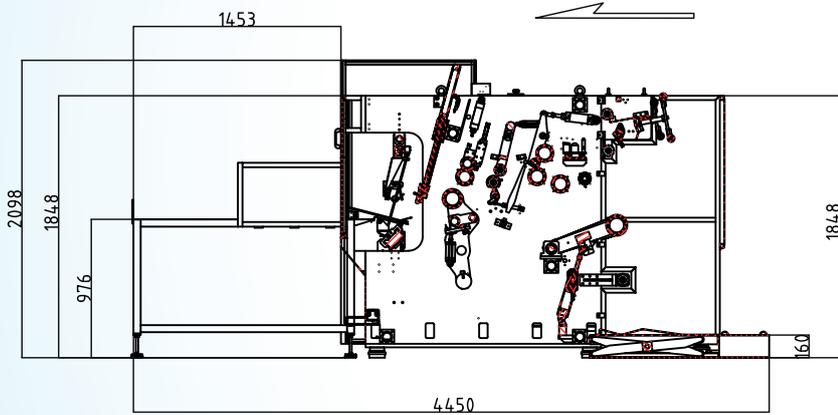
6/8 Bar dried air

200 NI/min.

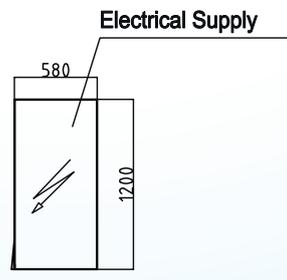
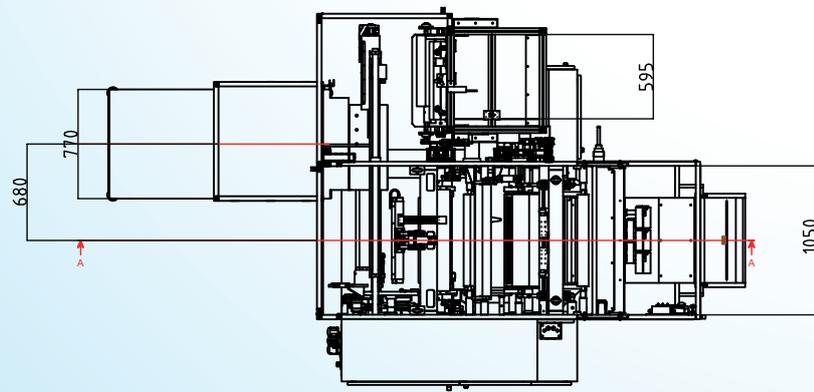
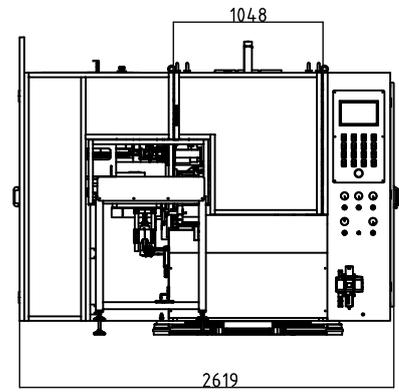
approx. 2.400 Kg

on board Color Touch Screen Operator Panel and high speed bus for Drive and peripheral devices. All parameters are digitally controlled and programmable , different machine settings can be memorized in recipes, full operation alarms are present. New diagnostic and telediagnosis.

In addition to the normal possibilities of adjustment , it is also provided the completely automatic management of the machine by means of a powerful SW emulation : the operator , providing only the data of the thickness of the input film and the film that he wants to produce , can transfer to the control system the search , the monitoring and the optimization of all functions of the machine.



A-A (1:10)

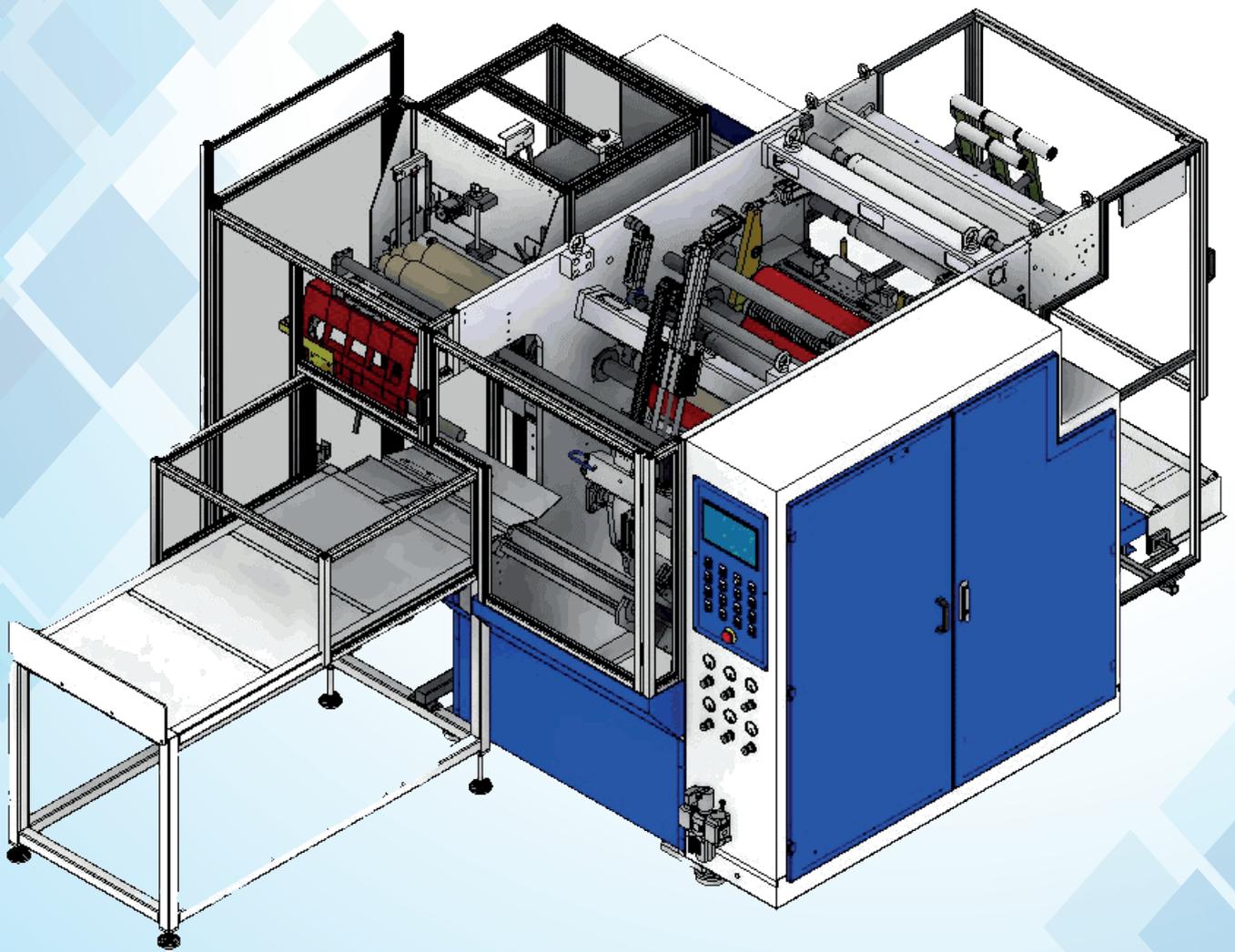


Instal. Power 19 KW 400/480V 50/60 Hz  
 Air Consump. 200 NL/Min.  
 Kos Weight 2700 Kg

MODIFICA	REV.	DESCRIZIONE DELLA MODIFICA	DATA	DISEGN.	CONTR.	Cliente	Directory: Disegni\ layout NO.EL.
A	.						
B	.						

			CONTR. <u>LGM</u>	DISEGN. <u>Luca</u>	SCALA 1:1	DATA 11/12/19
DENDMINAZIONE <b>PRE 500 MULTI (M.82)</b>			DISEGNO N <b>8200000</b>		REV. <b>0</b>	
NO.EL s.r.l. Automazione industriale 28060 SAN PIETRO MOSEZZO (ND) ITALY						





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