

HALF AUTOMATIC MONOBLOCK L-SEALER LINE WITH TWO CONVEYORS



Mod. MATRIX 7550



Mod. MATRIX 5040

Models

MATRIX 5040 - MATRIX 7550 – MATRIX 8065 – MATRIX 11580

The half automatic L-sealer line with two independent conveyors, is complete of sealing station and shrink tunnel, mounted on one metallic framework, treated and varnished with epossidic powder.

Operation

After having set film position (acting on roll support) according to product dimensions, operator put product on working table under film and push same in sealing position. Sealing bar comes down automatically and seal film around product. Goods are then transported in tunnel, where a turbulence of hot air, shrinks film, until this assume form of product.

Machine suitable for half automatic packing of single or multi-products, using traditional heat sealable centrefold film.

The model is manufactured in different sizes, takes small space, is practic in operation and absolutely reliable.

Main features

- ▶ Sealing bar adjustable in height with automatic pneumatic drive, controlled by foot pedal, or by push buttons or automatically by timer set cycle.
- ▶ Automatic unloading conveyor wire netting speed 7.5 mt/min.
- ▶ Tunnel conveyor zinc coated mesh, speed changer (inverter) from 3 to 10,5 mt/min.
- ▶ Safety stop on sealing bar down motion, should on its trajectory be an obstacle.
- ▶ Impulse type, timer controlled sealing. Bottom provided sealing blade.
- ▶ Tunnel electronic thermoregulator controlled air recycling.
- ▶ Shrink chamber in steel sheet, studied for a positive heat release of heating electric plugs (embodied in tube and provided with wings) and for a high air flow recyrculation, for minimising heat loss.



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- ▶ Adjustable air flow with suitable shutters.
- ▶ Double insulation for best heat inside maintenance.
- ▶ Suitable centrefold film: PVC, polypropylene, polyethylene.
- ▶ Products sizes max height 180 mm (given purely indicative because it depends from the characteristics of the product).
- ▶ Average output: from 200 to 900 pack/hour (given purely indicative because it depends from the characteristics of the product).

Optional

- ▶ Tunnel conveyor on application in stainless steel, or with rods of 10/15 mm diameter lined with rubber, or covered by a Teflon net.
- ▶ Straight or curved Unloading roller truck in different sizes.
- ▶ Tunnel opening height 450 mm.
- ▶ Electric production counter.
- ▶ Synchronised push buttons for bar start.
- ▶ Automatic trim recovery.
- ▶ Sealing with blade or wire on moving bar.

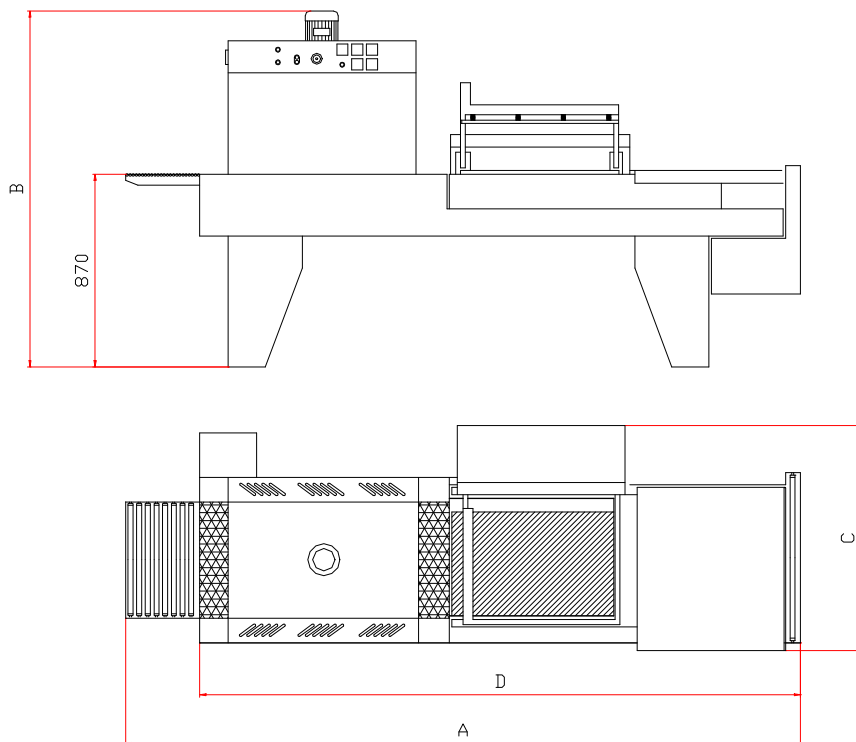
	MATRIX 5040	MATRIX 7550	MATRIX 8065	MATRIX 11580
Sealing bar	longitudinal bar 500 mm x cross bar of 400 mm	longitudinal bar 750 mm x cross bar of 550 mm	longitudinal bar 800 mm x cross bar 650 mm	longitudinal bar 1150 mm x cross bar of 800 mm
Tunnel opening	450 x H 230 x 700 mm lenght	550 x H 230 x 900 mm lenght	680 x H 230 x 900 mm lenght	800 x H 230 x 1100 mm lenght
Max reel size	Ø 250 x 600 mm	Ø 250 x 750 mm	Ø 250 x 850 mm	Ø 250 x 950 mm
Electrical	3 Ph + N + T 220/380 V 5,5 KW	3 Ph + N + T 220/380 V 9,5 KW	3 Ph + N + T 220/380 V 11 KW	3 Ph + N + T 220/380 V 12 KW
Air consumption	6 Atm - 2 nl./cycle	6 Atm - 2 nl./cycle	6 Atm – 5,11 nl./ciclo	6 Atm – 5,1 nl./cycle
Products width max	370 mm	480 mm	580 mm	700 mm

All data are not engaging



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	A	B	C	D	Weight Kg.	Max conveyor load Kg.
5040	2500	1500	850	2200	240	8
7550	3000	1500	950	2700	340	8
8065	3300	1500	1080	3000	420	8
11580	4000	1500	1400	3700	470	8

Sizes in millimetres – Data not engaging



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