



ECO

Machine available in

800 - 1100 - 1400



Automatic bag making machine for the manufacture of bottom weld bags in LDPE, HDPE and LLDPE

Characteristics:

- **Side frame** in aluminium.
- **Single servo motor** for control of the front draw rollers of Ø 100 mm. , all equipped with helical gears. It is possible to fit on this machine double draw rollers driven by a belt from the front draw rollers, with pneumatic opening / closing of centre draw rollers.
- **Touch screen** for the programming and control of operations as listed below:
 - ✓ Adjustment of bag length.
 - ✓ Alternating bag length feature for staggering seals to avoid the self welding of seals, suitable also for printed material associated with use on heavier films. The stagger is adjustable on the touch screen up to 12 mm.
 - ✓ Repeat weld (to seal twice on the same bag) with the possibility to retard the film in order to make a stronger seal or to have two separate seals at the bottom of the bag, movement from 0 to 5 mm.
 - ✓ Dwell control to provide variation of the cycle speed in order to obtain a longer sealing time.
 - ✓ Preheat facility will retard the film 12 mm on machine start up, cycle the machine to the value set by the touch screen (from 0 to 12) allowing sealing wires time to heat.
 - ✓ Full cam control within the PLC with access via the touch screen with a pass number.
 - ✓ Machine set up via the touch screen with a pass number.
 - ✓ Setting of photo-cell parameters for printed film.
 - ✓ Alarm detection by the photo-cell if a predetermined number of print repeats is missing.
 - ✓ Index table can be interrupt or non-interrupt index.
 - ✓ Machine cycle speed regulated by frequency controlled AC motor with progressive start-up allowing smooth start-up of transmission.
 - ✓ Preselect totaliser and hour counter-digital.
 - ✓ 50 memory programs
 - ✓ Single control of top and bottom weld bars.
- **Static eliminator bars.**
- **Two welding bars** for bottom welding.
- **Electrical panel** PLC controlled.
- **Arvor clamp stacking system.**
- **Bag cutting by continuous flying knife** synchronised to the machine's cycle speed.
- **Push button override of rear capstan feed rollers to assist webbing up.**
- **Dancing bar accumulator** controls the input speed of capstan roller. It is fitted with two pneumatic pistons which allows the weight of dancing bar to be adjusted. It also permits lifting of dancing bar to assist webbing of the film.
- **Pneumatic system** with reservoir to provide sufficient air to finger bars for air cushion bag delivery.
- **Upper and lower air bars** have individual fingers for replacement without removal of the complete bar.
- **Instant emergency stopping** of machine by brake for safety.
- **Machine automatically stops** with the weld bars open when normal stop buttons are operated.

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- Anti-jamming device for sealing head and cutting system protection.
- Safety guards.
- Film cut-out tabs.

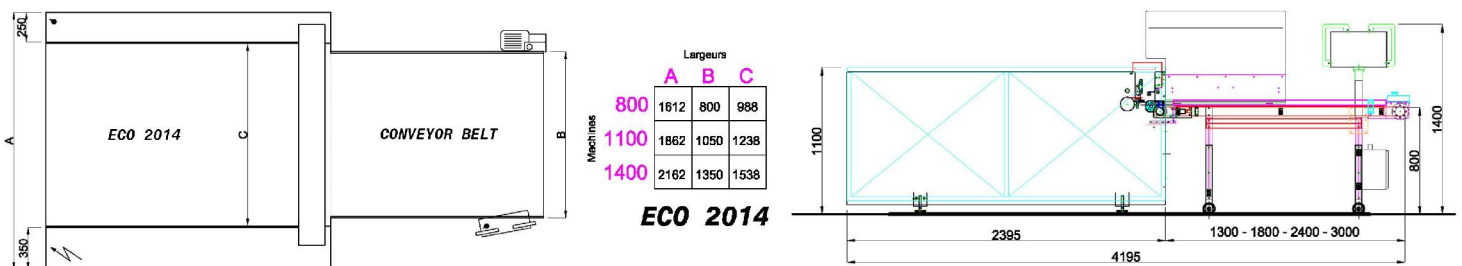
The machine can be equipped with:

- ✓ **CPE - Photocell** for printed film with easy settings made on touch screen. The photocell is a self teaching type and will stop the machine after selected number of missed print marks.
- ✓ **PB - Two station unwind stand** with 25 mm diameter reel bars and cones, braking by belts and weights. Other types of unwind stands are also available.
- ✓ **TE - automatic indexing table** 1.80 / 2.40 / 3.00 meters long, with timers to control the index table movement giving non interrupt index or interrupt index.
- ✓ It is possible to add accessories ...

Technical Specifications:

	800	1100	1400
Max sealing width	850 mm	1100 mm	1400 mm
Max bag length	3000 mm	3000 mm	3000 mm
Min bag length (with belt)	150 mm	150 mm	150 mm
Min bag length (with folder)	300 mm	300 mm	300 mm
Max film thickness	2 x 200 µ	2 x 200 µ	2 x 200 µ
Min film thickness	2 x 12 µ	2 x 12 µ	2 x 12 µ
Max cycle speed*	120 C/min	120 C/min	120 C/min
Min cycle speed	15 C/min	15 C/min	15 C/min
Max production speed*	100 m/min	100 m/min	100 m/min
Power supply	400V/3/50	400V/3/50	400V/3/50
Installed power	9 KW	9 KW	9 KW
Power used	6 KW	6 KW	6 KW
Air consumption	40 m3/h	45 m3/h	50 m3/h
Air pressure	6 bars	6 bars	6 bars

(*Production speed dependent on type of material used)



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