



Italian packaging technology

POLARIS EVOLUTION



*since 1988*





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# YANG



## POLARIS EVOLUTION 560



**YANG srl - via al Bassone, 30 - ITALY**

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## **POLARIS EVOLUTION 560**

### **DESCRIPTION**

- AISI 304 stainless steel framework.
- Sealing plate with molten resistances.
- Sealing group with pressure management.
- Control cams.
- Motorized lever for trays moving.
- Pusher opening device moved by piston.
- Lower die-holder columns group.
- Film reel holder.  
Max weight: 30 kg for diameter of 300 mm.
- Brushless movimentation.
- Film unwinding unit with self-braking gear motor and pitch control microswitches.
- Adjustable rewinding shaft collector.
- Electrical control panel located inside a stainless steel cabinet and closed by protective gaskets.
- Control panel with push buttons placed in the front of the machine, complete with warning light for failure, weld timer and temperature controls showing the following indexes:
  - Upper film ending device
  - Reel holder with conical fixing
  - Cut carter security
  - Motor thermics
- Machine built in respect of the CE regulations with double contact magnetic sensor (open-closed).
- Adjustable discharge rollers.
- 1500 mm charge conveyor equipped with adjustable trays guides.

**MACHINERY HAS BEEN CONSTRUCTED COMPLETELY IN STAINLESS STEEL, ITS MOVEMENT ARE COMPLETELY MECHANICAL**





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## TRAYS MAXIMUM DIMENSIONS POLARIS 560

POLARIS EVOLUTION 560 SINGLE LINE		POLARIS EVOLUTION 560 DOUBLE LINE	
1 IMPRESSION		1+1 IMPRESSION	
2 IMPRESSIONS		2+2 IMPRESSIONS	
3 IMPRESSIONS		3+3 IMPRESSIONS	
4 IMPRESSIONS		4+4 IMPRESSIONS	
5 IMPRESSIONS		5+5 IMPRESSIONS	
6 IMPRESSIONS		6+6 IMPRESSIONS	





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## TRAYS MAXIMUM DIMENSIONS POLARIS 1000

POLARIS EVOLUTION 1000 SINGLE LINE		POLARIS EVOLUTION 1000 DOUBLE LINE	
1 IMPRESSION		1+1 IMPRESSION	
2 IMPRESSIONS		2+2 IMPRESSIONS	
3 IMPRESSIONS		3+3 IMPRESSIONS	
4 IMPRESSIONS		4+4 IMPRESSIONS	
5 IMPRESSIONS		5+5 IMPRESSIONS	
6 IMPRESSIONS		6+6 IMPRESSIONS	
7 IMPRESSIONS		7+7 IMPRESSIONS	
8 IMPRESSIONS		8+8 IMPRESSIONS	





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## TECHNICAL DATA

<b>Electrical alimentation</b>	3x380 V+N+PE
<b>Frequency</b>	50 Hz
<b>Machine power consumption</b>	6 kW max
<b>Vacuum pump power consumption</b>	12 kW max
<b>Air consumption</b>	80 nl/minute max
<b>Compressed air</b>	6 bar
<b>Machine weight</b>	1200 kg



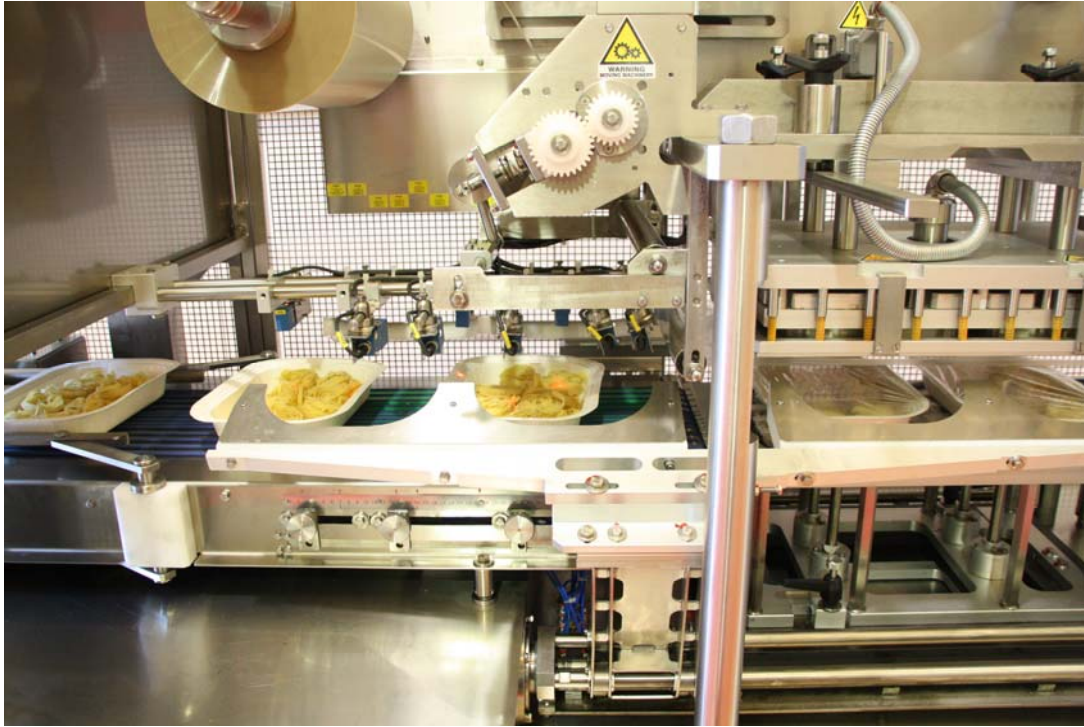


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## POLARIS EVOLUTION 560 DETAILS



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## POLARIS EVOLUTION 1000 DETAILS

