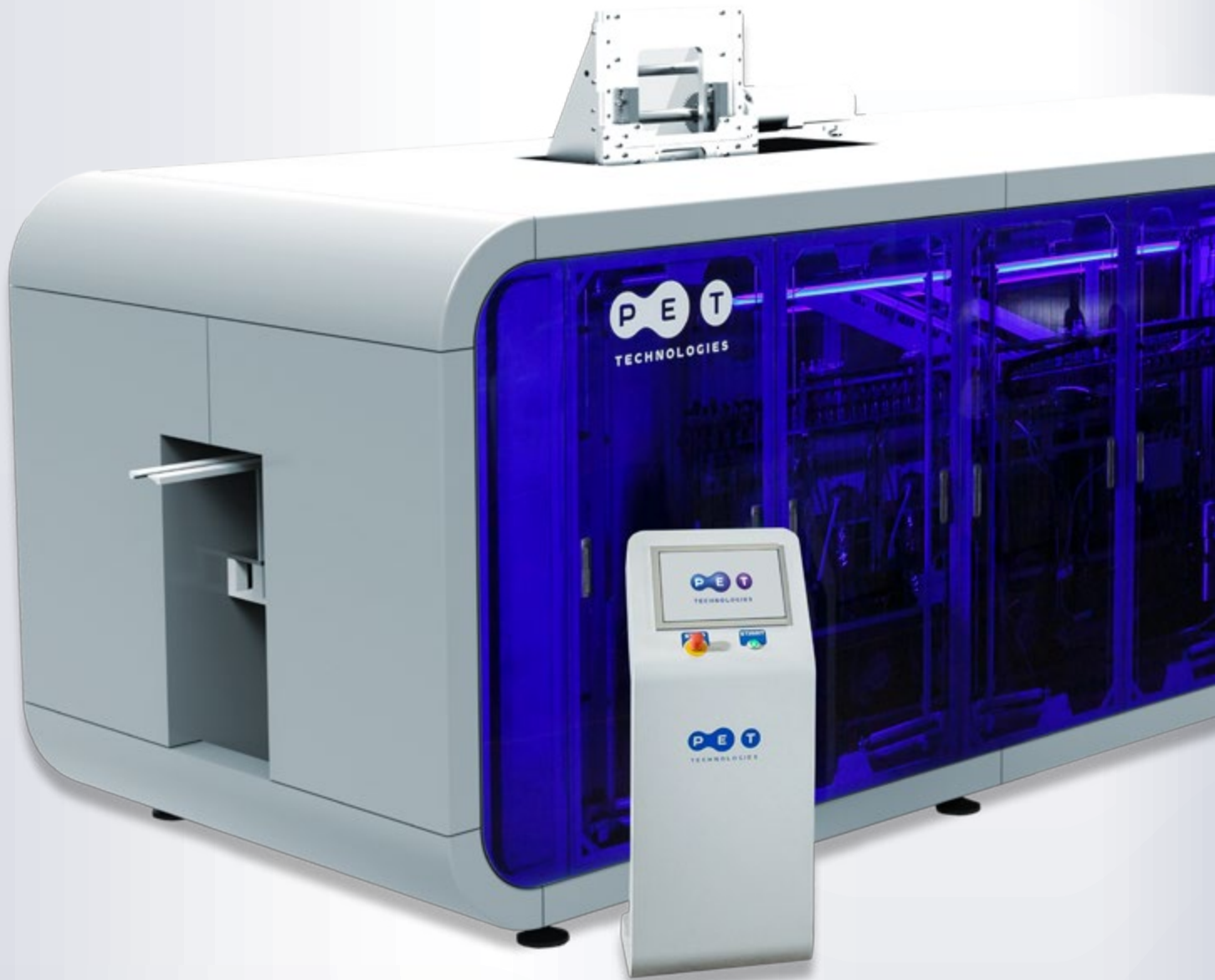




TECHNOLOGIES

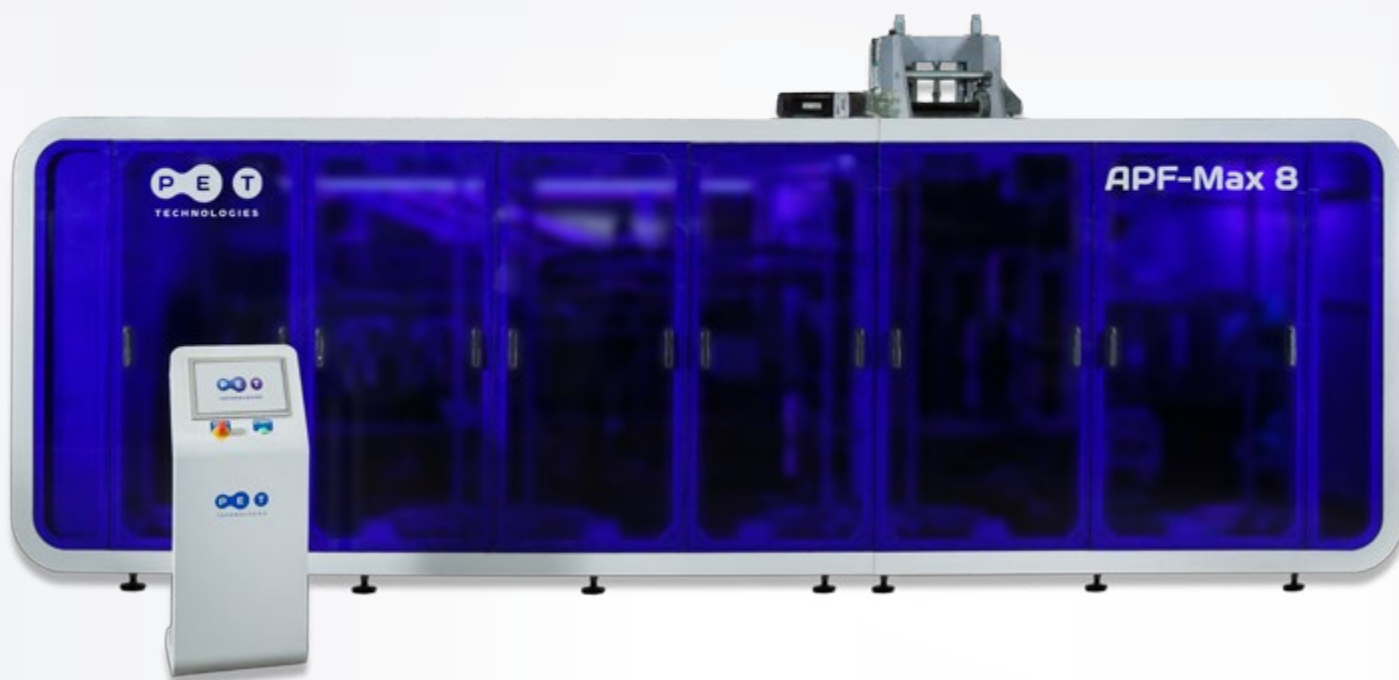
Series of innovative stretch  
blow molding machines  
**APF-Max**



**New concept and  
innovative design -  
high output and  
flexibility**



# New generation of universal automatic PET stretch blow molding machines **APF-Max**



## Technical data

	<b>APF-Max 8</b>	<b>APF-Max 6</b>	<b>APF-Max 4</b>
Output, bottles/h	up to 14 000	up to 10 000	up to 7 000
Bottle volume, l	0,2 - 2,0	0,2 - 2,0 (option 3.0)	0,2 - 2,0 (option 3.0)
Blowing pressure, bar	up to 40	up to 40	up to 40
Low pressure, bar	8 - 10	8 - 10	8 - 10
Low and high pressure air demand, m <sup>3</sup> /min*	17,4	12,8	9,3
Cooling liquid temperature, °C	7 - 9	7 - 9	7 - 9
Voltage supply	400V/50Hz	400V/50Hz	400V/50Hz
Installed power, kW	140	110	80
Overall dimensions, mm		9520x3300x3200	
Weight, kg	~10000	~10000	~10000

\*1.5 liter bottle with 30-35 gr. PCO preform



All-electric configuration



Blow molds quick change



Hot Fill option



Quick changeover for other preform type



NIR heating system



Space-saving overall dimensions

APF-Max has 8 modifications with output between 6000 and 14000 bph, 0.2 - 3.0 l. All the equipment range has quick changeover for another preform type with 18 mm - 48 mm neck diameters.



#### Quick change and Flexibility:

- 4-,6-,8-cavities configurations
- Option to increase the output by installation of additional blow mold cavities
- Modular blow mold system with separated mold cavities
- Individual block of valves for each mold cavity with air recovery system

#### NIR heating and low total installed power:

- Near infrared (NIR) heating system consumes less energy, its waves are more intensive
- More efficient system than convectional IR
- 8 heating modules with only 7 lamps
- 108 mandrels in the heater



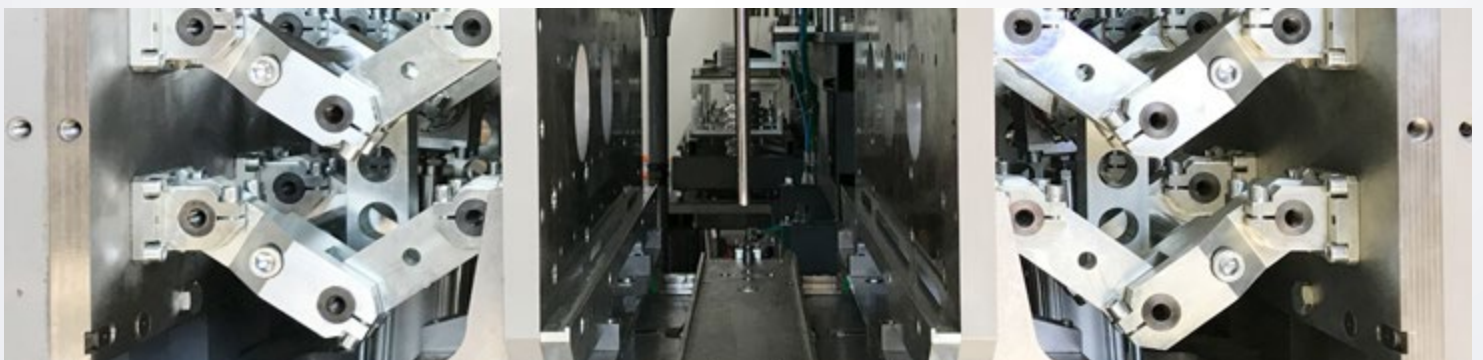
#### All-electric configuration:

- 6 servo drives: in the mold closing unit, stretching unit, heater rotation, preform transfer to the blowing unit and bottle outfeed system
- Pressure control in the blow mold
- Preblow controlled via PLC
- Automatic temperature regulation

#### User-Friendly concept and innovative design:

- Streamline form and alternative coloring that meet corporate style
- PLC that stands alone from the machine makes it easier to operate
- All the communications are connected from the top of the machine
- Electric cabinet backside

APF-Max blow molder compact overall dimensions due to the NIR heating system make it easy to transport both by land and by sea to 5 continents. PET Technologies service centers and representatives in Europe, Asia, North and South America support with the maintenance and start-up.







TECHNOLOGIES

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