



the new age of bottling

...BEGINS AT
STAND 14/B69

NEW EBS ERGON
FULLY ELECTRONIC BLOWERS



EBS ERGON
VIDEO
...scan & discover it!

NEW EBS ERGON BLOWERS

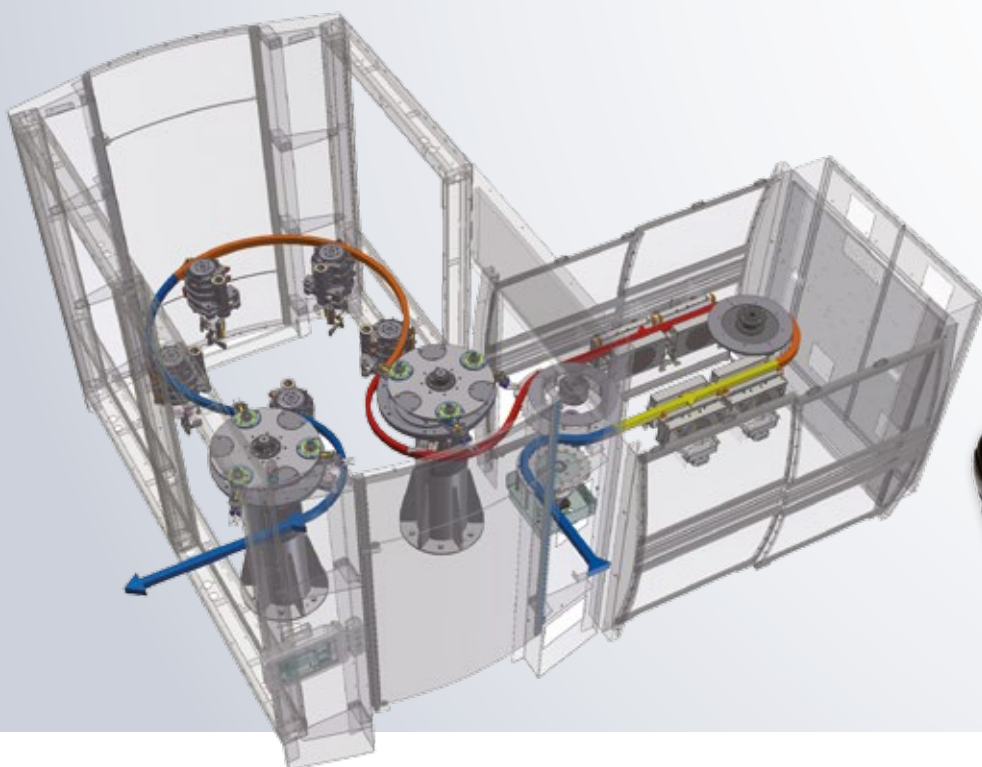
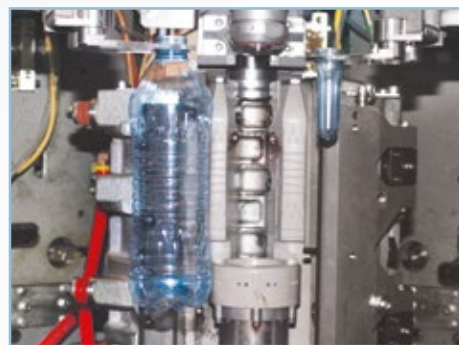
Fully electronic technology for manufacturing PET containers up to 33,600 bph

The new EBS (Electronic Blowing System) ERGON series is the outcome of a 2-year intensive R&D project thanks to which SMI has introduced innovative concepts, summed up in the new ERGON brand, for both the design and production of SMI's rotary stretch-blow moulders. The current EBS ERGON range includes 7 models, from 4 to 16 cavities, suitable for the production of PET containers up to 3 liters at the max speed of 2,100/2,200 bottles per hour per cavity in the 1-liter format (still water). There are also 3 HC models, from 3 to 6 cavities, for the production of containers up to 10 liters at the max speed of 1,200 bottles per hour per cavity in the 5-liter format. The model displayed at K includes the ReduxAir optional kit to blow bottles with lower pressure compressed air.

GREAT INNOVATIONS IN A SMALL BODY

The new EBS stretch-blow moulders designed by SMI engineers incorporate many cutting-edge solutions inspired to the ERGON platform:

- compact frame, ensuring significant space saving in the bottling line;
- ergonomic and user-friendly design, simplifying the machine's running, cleaning and maintenance;
- new preform-heating module, featuring compact dimensions, horizontal frame of the preform-holding mandrels chain and a ventilation system that optimize the preform-heating process;
- heat-reflecting and high energy-efficient panels made of ceramic materials, positioned both on the front and to the rear of IR ray lamps, ensuring more uniform distribution of the heat on the preform's surface;
- stretch-blowmoulding module equipped with motorized stretching rods, controlled by electronic drives with no need of mechanical cams. This innovation enables a precise descent of the stretching rod, an accurate control of its position, remarkable energy saving, reduced mechanical stress and easy and fast changeovers;
- high-performance, low dead volume valves system, reducing pre-blowing and blowing times with great benefits in terms of machine efficiency and final bottle quality;
- mould-holder opening/closing/locking system operated by a brushless motor, which avoids all inconveniences of traditional cam-based systems and improves the machine's efficiency and reliability.



SMI S.p.A.
Via Carlo Ceresa, 10 I-24015 San Giovanni Bianco (BG)
Tel.: +39 0345 40.111 - Fax: +39 0345 40.209
info@smigroup.it - www.smigroup.it