

EBS KL ERGON

A NEW FRONTIER IN THE STRETCH-BLOW
MOULDING INDUSTRY

DESIGNED
& MADE IN ITALY

EBS KL ERGON



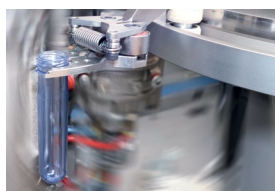
EASY TRANSPORT, INSTALLATION AND MAINTENANCE

Small size can make a big difference! SMI is aware of it and for this reason has developed a stretch-blow moulder that: can be installed even in small bottling lines, can be transported in a container and is subject to easy set-up and maintenance.



ENERGY SAVING

Energy saving means cost saving. In the EBS KL series, this is achieved by means of different elements: the motorized stretch rods of the stretch-blow moulding carousel are equipped with electronic drives instead of pneumatic cams, resulting in a higher precision and no consumption of compressed air. Moreover, the blow moulder consumption is constantly controlled by means of an energy consumption meter. Lastly, the heating tunnel is equipped with ceramic panels featuring high efficiency.



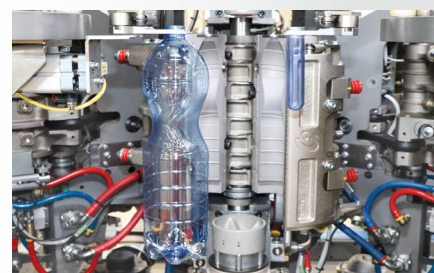
FAST AND EASY FORMAT CHANGEOVER

Format changeover operations are easy and fast, thanks to the numerical position settings and the cam-free technology the preform feeding system is equipped with.



HIGH QUALITY OF THE PRODUCED BOTTLE

The high quality of the bottle is ensured by the new ventilation system, that reduces the temperature of the preform neck, thus optimizing the thickness and eliminating the ovalization and deformation of the preform neck and by the use of low dead volume valves, that allow to reduce pre-blowing and blowing times.



SMI S.p.A.

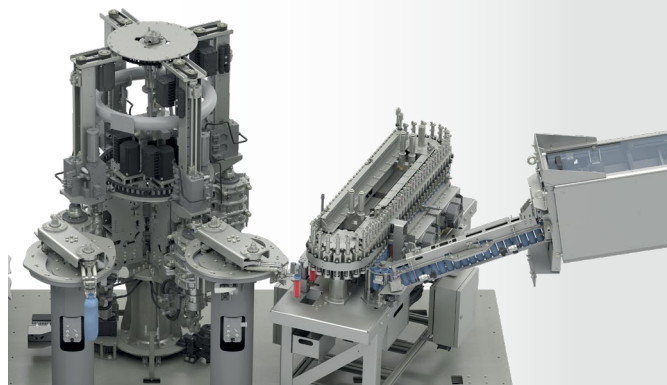
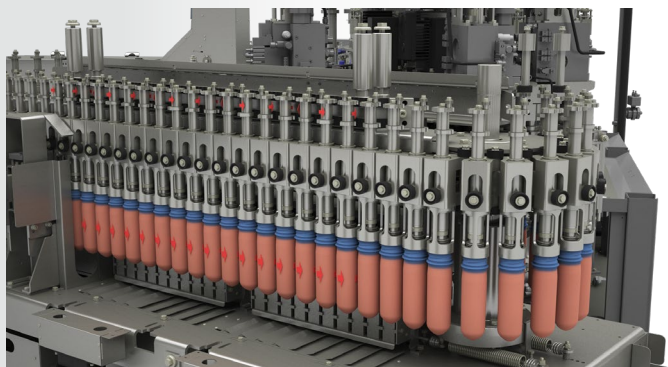
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VIEW IT AND FIND OUT ALL THE REASONS TO CHOOSE IT

High performance, ultra-compactness and low running and maintenance costs, three qualities, one solution: the stretch-blow moulder from the EBS KL ERGON range, suitable for the stretch-blow moulding of bottles of any size and shape, mainly used in the beverage industry, with an output up to 25,000 bottles/hour. This machine enables to blow even rPET containers and to produce extremely lightweight bottles (starting from 9 g for 0.5 containers, neck 26 mm). These elements show the sustainability of such solution, which makes it particularly suitable for manufacturers who are currently following an environmentally sustainable pattern, exactly as SMI is currently doing.



EVEN FOR HIGH CAPACITY CONTAINERS

Thanks to SMI blow moulders even high capacity containers can be manufactured. In particular the EBS KL HC and EBS HC series are suitable for blow moulding containers with a capacity from 3 up to 10 L with an output up to 1,200 bph/cavity (the models are available in 3, 4 and 6-cavity-version). These machines stand out for high technological content, very low running and maintenance costs, as well as the great quality/price ratio.

GREATER EFFICIENCY WITH THE ECOBLOC® VERSION

In addition to being available in stand-alone version, the EBS KL stretch-blow moulder can also be combined with a filler and a capper into a single machine. This results in the ECOBLOC® ERGON, an ultra-compact solution where the rinser and the conveyors between the stretch-blow moulder and the filler are not required, the risks of product contamination are minimized and the causes of line inefficiency are eliminated. This system is suitable for several sectors: flat and carbonated water, fresh milk, juices, edible oil, vinegar, CSD and detergents.

MODEL	Maximum output (bottles/hour)*
EBS 4 KL ERGON	10,000 bph
EBS 6 KL ERGON	15,000 bph
EBS 8 KL ERGON	20,000 bph
EBS 10 KL ERGON	25,000 bph
EBS 3 KL HC ERGON	3,600 bph
EBS 4 KL HC ERGON	4,800 bph
EBS 6 KL HC ERGON	7,200 bph



EBS KL ERGON
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*Notes: These values may change according to the container weight and capacity.