



PRESS RELEASE

4XL

1 BLOW expands its XL range with the launch of the **New 4XL!**

New four-cavity stretch-blow moulding machine delivers up to 6,000 bph for large-format PET bottles

1 BLOW announces the launch of the 4XL, a new high-performance linear PET stretch-blow moulding machine developed to bridge the gap in its XL product range and answer growing customer demand for higher production of large-format PET bottles.



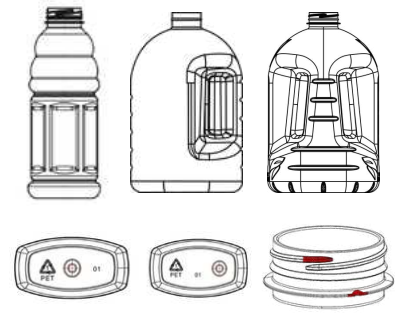
Positioned between the existing 2XL and higher-output rotary solutions, the 4XL offers manufacturers a unique combination of productivity, flexibility and compactness. Designed to process PET and rPET preforms, it produces bottles from 500 ml to 12 litres at outputs ranging from 2,800 bottles per hour for 10-litre containers, 4,000 bottles per hour for 5-litre bottles and up to 6,000 bottles per hour for smaller bottles.

The new machine features a four-cavity blowing unit while retaining the compact footprint and all-electric architecture that have become the signature of every 1 BLOW system. Servo-driven movements, optimized infrared heating and high-pressure air recovery minimize energy consumption and operating costs without compromising bottle quality or production reliability.

The 4XL has been designed to offer maximum production flexibility. It can produce round, oval and Hot Fill bottles with neck finishes from 22 to 53 mm, allowing converters and brand owners to manufacture a wide variety of packaging formats on a single machine.

To support more demanding bottle designs, the machine is available with several advanced technologies, including Oval, Neck Orientation, Hot fill, and the SureGrip® option.

SureGrip® enables the production of bottles with integrated moulded handles, eliminating the need for separately attached handles. This improves consumer convenience while simplifying the recycling process by reducing the number of plastic components.



Quick format changeovers (from 10 to 90 minutes, depending on bottle configuration) allow manufacturers to switch efficiently between products and bottle sizes, increasing overall production flexibility and reducing downtime. Shell moulds, GUPM as well as existing 2XL blow-moulds may be used on the 4XL machine, providing higher flexibility to customers.

The 4XL also introduces the new “J Transfer” system, an innovative magnetic shuttle preform transfer technology that significantly reduces the machine footprint while improving operator accessibility and production flexibility. The independent shuttle concept allows preform spacing and handling to be freely adapted to different bottle formats and future process developments.



"Our customers increasingly asked for a solution capable of producing large PET bottles at significantly higher output while preserving the flexibility and energy efficiency of our linear technology" says Benoit Sanchez, CEO at 1 BLOW. "The 4XL was developed specifically to meet this demand. It completes our XL range by offering a new level of productivity without compromising the compact design and operational efficiency that distinguish every 1 BLOW machine."

The introduction of the 4XL further strengthens 1 BLOW's portfolio of linear stretch-blow moulding solutions, providing manufacturers with an efficient alternative for medium- to high-volume production of large-format PET packaging.



1 BLOW designs and manufactures all-electric linear PET stretch-blow moulding machines for the production of PET and rPET bottles. Combining compact design, energy efficiency and production flexibility, 1 BLOW solutions are used worldwide across the beverage, food, household and personal care industries.



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