

The background of the entire page is a deep blue gradient. Overlaid on this are several translucent, concentric circles and radial light beams emanating from the center, creating a sense of depth and focus. In the center, there is a collection of PET bottle necks and caps. Some are clear, some are white, and one prominent one is green. They are arranged in a way that suggests they are being processed or are part of a manufacturing cycle.

PET NECK CRYSTALLIZER

EB Series



BOTTLE-TOP DEVELOPMENT CO.,

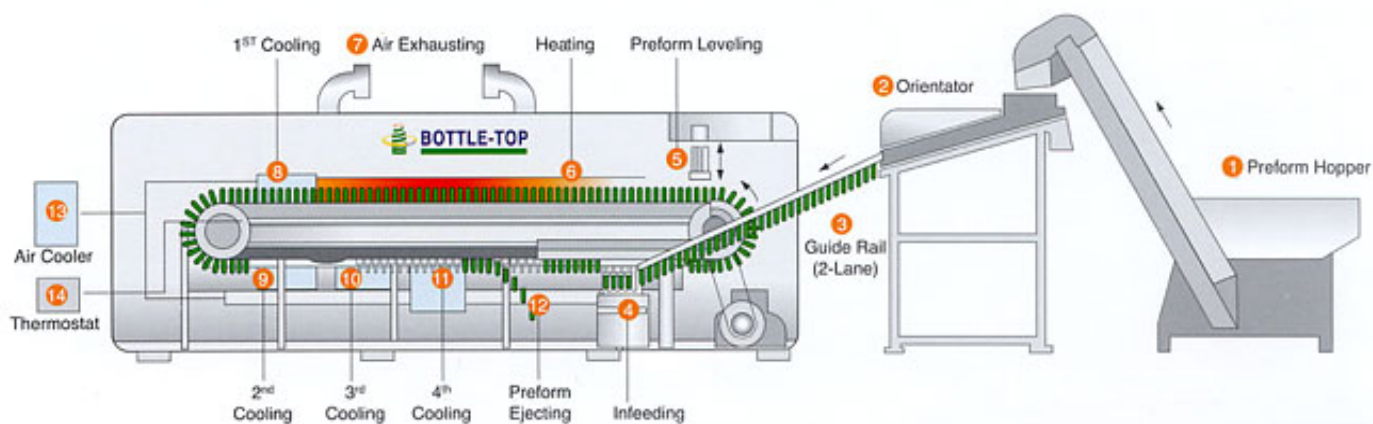
EB Series PET Neck Crystallizer

13

2.199



PROCESS DESIGN



Model Features

■ Minimize aging time and moisture requirement ----- by additional ovens and heating level.

■ Even cooling effect ----- a new post oven cooling by additional preform rotation.

■ Stable cooling effect ---installation of air cooler on post cooling section to maintain the consistency of temperature and pressure.

■ Significant reduction of capital investment ----- latest developed high production capacity crystallizer with capacity up to 30000pph.

■ Upgrade of ovality to cope the strict demand of one piece cap ----- prolong shrinking of neck finish on adaptor.

■ Alarm for cooling efficiency of preform and adaptor before ejecting.



▲ Fast cooling down design on preform body-----with a new adjustable air-knife, preform body and adaptor can be more efficiently cooled down respectively.



■ Quick core-change design to deal with different preform body height.



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