



LANFRANCHI *The right side of technology*

rotative preform unscrambler LRPU TW



The new rotative unscrambler Twister for preforms has been designed using the now proven Twister technology, which is successfully employed to unscramble special preforms, such as those that have the neck ring diameter smaller than the body diameter, and therefore cannot be oriented using traditional unscrambling systems.

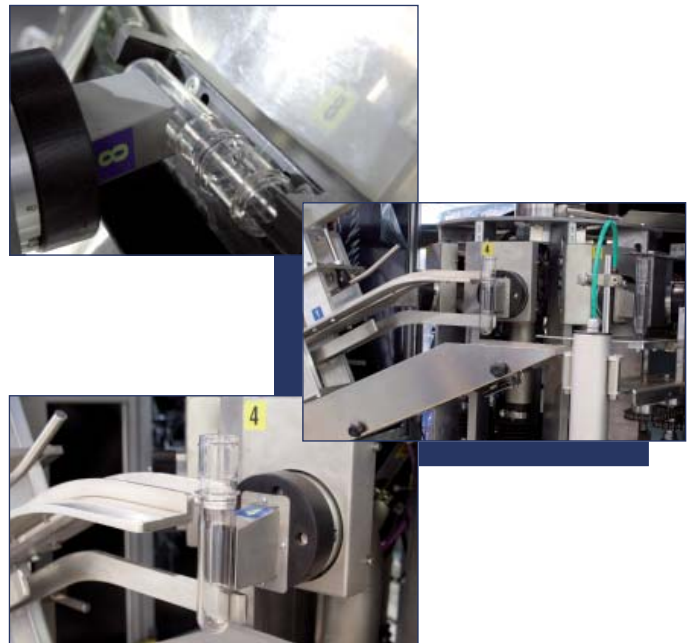
The LRPU TW can be used to unscramble special preforms, like those shown in pictures or even conventional preforms.

This rotating unscrambler is available in various models according to the required production speed, however the machine overall dimensions are kept to a small footprint.



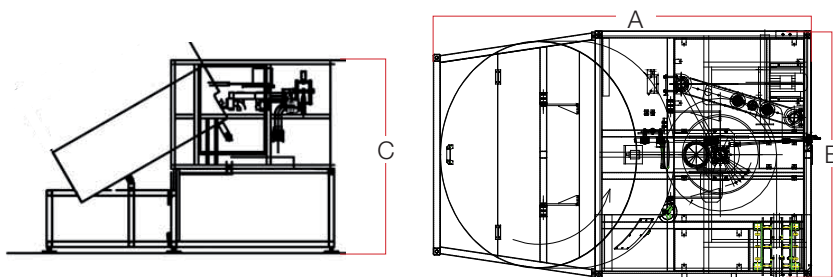
The working operation of LRPU TW preform unscrambler can be simply summarized in five steps:

1. preforms are introduced in the lower part of the selection cylinder and fall into specially designed spaces (cradles) on the circumferences of the cylinder.
2. preforms inside the cradles go through a reading station which determines the position of the neck.
3. preforms reach an opening in the side structure and are extracted by the suction head of the vacuum starwheel.
4. the suction head, driven by an electrical or pneumatic system, rotate in clockwise or counter clockwise direction, depending on the instruction received from the reading station, in order to turn the preforms to a vertical position.
5. preforms are inserted in the descent channel guides to be conveyed to the blow-molder machine.



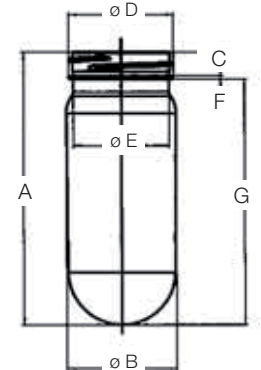
dimensions

model	ph	A	B	C
LRPU TW 1100-4-16	8,000	2,400	1,850	1,980
LRPU TW 1600-8-24	12,000	2,675	1,850	1,980
LRPU TW 2400-12-36	18,000	3,550	2,200	2,150



preform dimensions

	min (mm)	max (mm)
A	30	150
B	15	80
C	5	50
D	14	80
E	12	78
F	1	8
G	24	144



preform dimensions

	min (mm)	max (mm)
A	30	150
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H	24	144

