



BTU

EMPTY PLASTIC CONTAINERS TRANSFER UNIT



The unscrambler and **BTU** combination **allows unstable empty bottles to be transferred to the filler in a stable condition**, as well as ensuring that they are handled throughout the entire bottling process.

The BTU is positioned at the exit of the unscrambler and transfers the bottles, that may have been oriented or spun, into pucks.

The BTU can be installed integral to the POSIMAT unscrambler or added later as a standalone machine.



Unit description

The orientation of the BTU allows two options:

- **Ideal for bottles oriented or spun 180°.** Perfect for bottles with an oval or rectangular base.
- **360° Orientation.** Suitable for cylindrical bottles, offering multiple orientation options.

“No bottle - no puck” principle ensures that the integrated unscrambler and BTU **system only delivers filled pucks to the line.**

Quick and simple format change: Easy extraction / positioning system for format pieces, **requiring no tools or adjustments.**



Insertion of bottles in pucks - BTU 180°



Insertion of bottles in pucks - BTU 360°

Line pucks requiring BTU

Labelling Puck

Allows bottles inserted in the puck to be labelled.



Tight Puck

Puck with internal clamps to stabilise the bottle. Some pressure is necessary to insert the bottle into it.



Pre-oriented Puck

Puck with asymmetrical cavity. The bottle can only be inserted in one direction.
Symmetrical bottles that require orientation.



Advantages of using POSIMAT units

Effective and reliable handling.

Bottles are handled with great care.

Cabin with doors and windows, which provide a full view of what is happening inside the unit at all times and also provides access to the inside after the unit is stopped for cleaning and maintenance.

Compact dimensions.