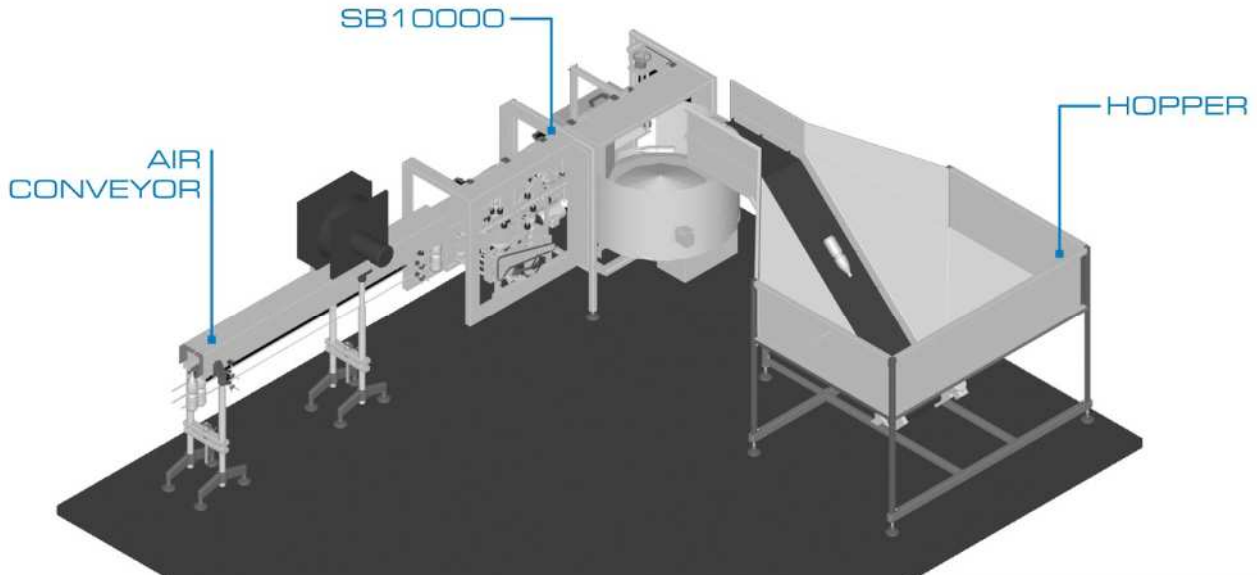


# SB

PET BOTTLES UNSCRAMBLER

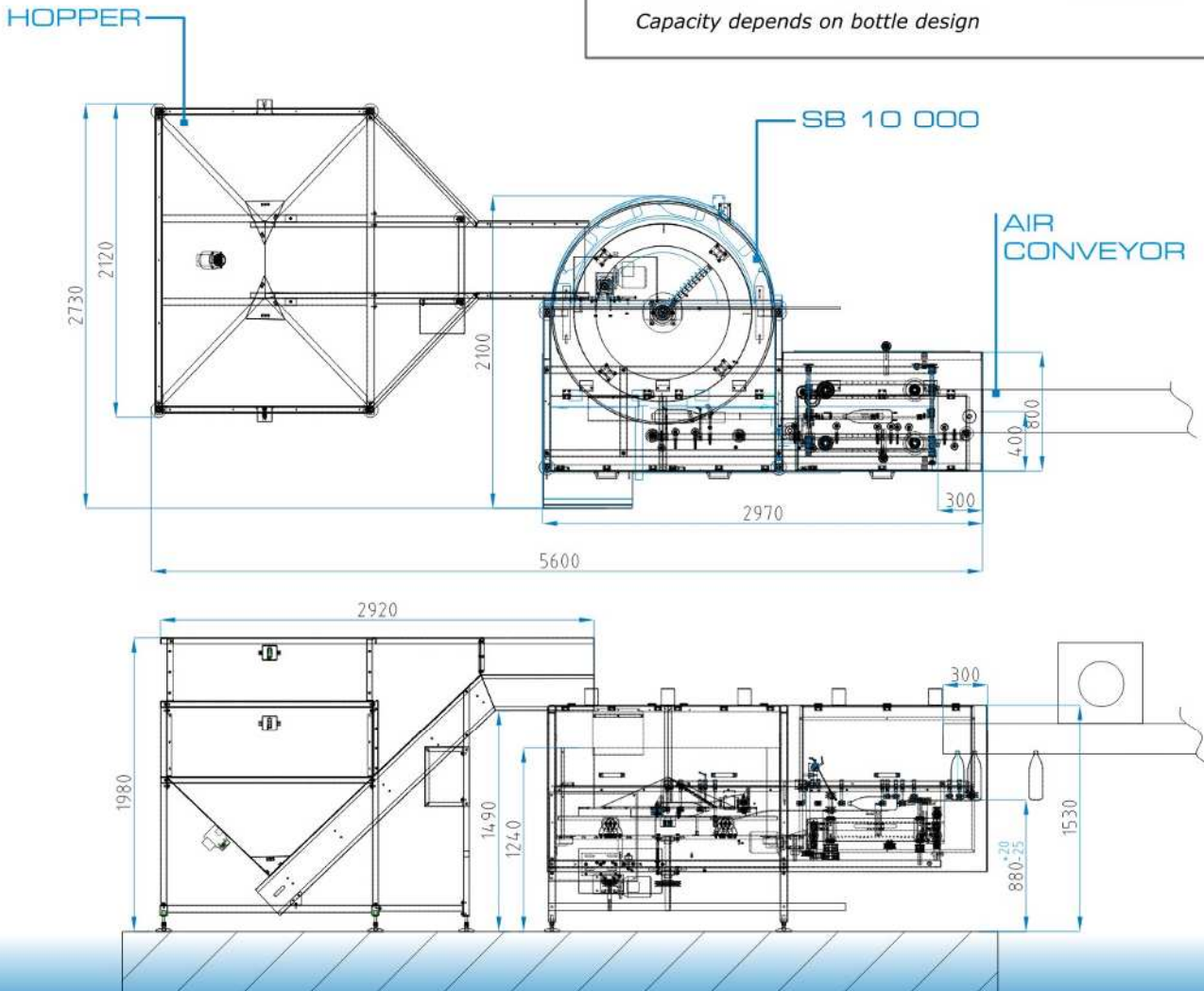
**smf**  
GERMANY



### CAPACITY

	Uniline SB-6000	Uniline SB-10000
Bottles 0.5L	12.000BPH	12.000BPH
Bottles 1.0L	9.000BPH	11.000BPH
Bottles 1.5L	6.000BPH	10.000BPH
Bottles 2.0L	5.000BPH	8.000BPH

*Capacity depends on bottle design*



Randomly orientated bottles are received in bulk into the hopper and supplied to the centrifugal disc by means of a conveyor. In the disc, the bottles are guided into a qualified position suitable for the stand-up unit to process them into the required discharge position. Bottles are stabilized and released on the conveyor. The start/stop of the motor is controlled by a sensor mounted next to the disc. It controls the level of bottles on the disc.

### MAIN PARAMETERS

Power installed 1.5KW  
Air requirement 0.5 m<sup>3</sup>/h  
Working pressure 0.4MPa  
Steering Mitsubishi (24 V/DC)



## OPTIONAL EQUIPMENT - BAO

The drive system of BAO models has full mechanical synchronization between the base conveyor, the turning drive and the overhead neck contact belts. This principle provides the control required to maintain stability during orientation of irregularly shaped bottles. The in-line design provides a simple and cost-effective solution to axial orientation of non-symmetrical bottles.



WITHOUT BAO MODULE



WITH BAO MODULE

## SPECIFICATION

- Electrical input of 380V, 3Ph, 50/60Hz and internal control circuit of 24V
- Versatility in running many bottle formats and sizes on same machine
- Capable of handling cylinders, jars, ovals, squares, rectangles, trigger sprays and other odd shaped bottles
- Hygienic process - bottles does not have contact with line operators
- Low power and air consumption
- NEMA 12 wiring and enclosures
- Equipment uses no open-air jets
- DC motor drives and SCR controls provide full compatibility with operating rates of adjacent equipment
- Electrical power and control circuits fully wired from central cabinet to all functional locations
- Junction boxes provided at all disassembly points.
- All guard doors provided with approved safety interlock switches
- All stainless steel and plastic bottle contact parts