

YLP Bottle Unscrambler



YLP bottle unscrambler is composed of carrying bottle part, bottle arrangement turntable, main bottle arrangement part, electronic control unit and pneumatic device.

A large amount of disorganized bottles is involved in bottle arrangement turntable, which is sent by carrying bottle part, and then conveyed to bottle arrangement part by the belt so as to the bottles can be stood and transferred to the user's conveyor in an organized way.

Bottle storage part can store a great number of bottles and is able to convey the bottles to bottle arrangement turntable. The speed of conveyor line can be adjusted by potentiometer of electrical box. Motor on and off can be controlled by photo electricity, which is external set on the cover of turntable.

Applicable bottle: The bottle mouth and membrane line should be flat. The deviation of the bottle mouth should be less than $\pm 0.25\text{mm}$. The deviation of the bottle height should be less than $\pm 0.2\text{mm}$.
Applicable bottle material: HDPE/PP/PS etc.

Technical Parameters

Standard capacity:	Depending on the bottle size
Qualification rate:	$\geq 99.5\%$
Bottle height range:	80~280mm
Bottle dia range:	$\phi 40 \sim \phi 85\text{mm}$
Total power:	3.16Kw
Running power:	60%-80%
Air pressure:	$\geq 0.6\text{MPa}$
Air consumption:	$\geq 0.8\text{m}^3/\text{min}$
Power supply(optional):	3+N+PE 50Hz 380/220V $\pm 10\%$
Carrying bottle part size:	L2100×W1100×H1600mm
Machine dimension:	L2500×W2200×H1600mm
Machine weight :	800Kg