

Bottle Unscrambling Systems

PPS Bottle unscrambler machines are designed to feed bottles to filling lines in a controlled and repeatable manner. The machine is useful not only because of its cost effectiveness and reduced labour requirements, but because of the enhanced hygiene and continuous and fast supply of bottles.

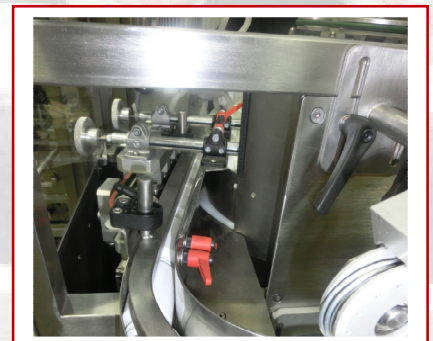
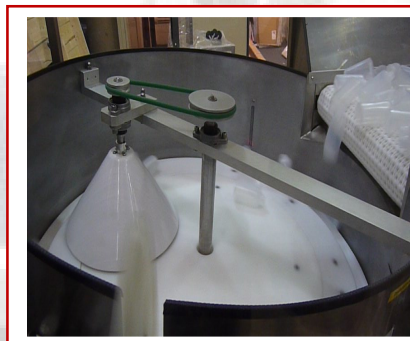
PPS bottle unscrambler machines are designed primarily to fit into pharmaceutical, food and cosmetic production lines. They are aimed at today's ever changing market place that requires versatile equipment able to adapt to numerous size changes and offer gentle handling of containers within a single compact system. The PPS bottle unscrambler is a simplistic approach to container handling along with rapid change over time incorporating latest PLC technology and therefore will fill the needs of even the most demanding customers.

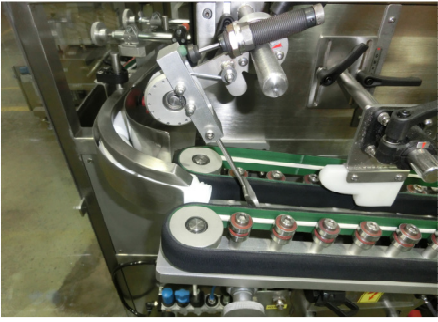


Our full range of bottle unscrambling machines will suit bottles and containers of a wide range of sizes and industries sectors ranging from small tablet bottles all the way through to jugs and cans with handles of 5 litre capacity.

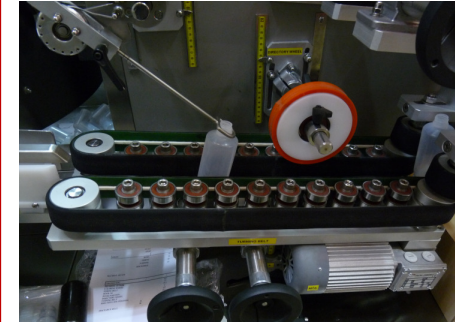
The full range of systems are capable of speeds from 80 bottles per minute with very compact footprints to 350 bottles per minute solutions and all feature simple format changes to maximise flexibility.

Most PPS Machines are designed to operate without air which drastically reduces the operation costs associated typically with this type of machine whilst at the same time reducing the noise output and the need for addition acoustic guarding and covers.





Once bottles are orientated a simple format hook will identify neck/base of bottle to orientate them so base of bottle is leading in readiness to be stood up and discharged onto the out-feed conveyor



Type of Machine	Bottle Diameter/width (mm)	Bottle Height (mm)	Max Speed
PPS M800	12 – 80	150	40 - 200
PPS M1000	12 – 120	200	40 – 200
PSS M1200	30 – 120	260	40 – 250
PPS M1400	40 – 120	300	40 – 250
PPS M1800	40 – 120	360	40 – 300
PPS M2000	50 – 120	400	50 - 350

PPS M Series bottle Unscrambler parameters and capacity

STANDARD FEATURES OF ALL MACHINES

- Stainless steel and anodised aluminium construction
- Totally enclosed machine
- Compact model - integrated hopper and elevator
- No tools, quick and easy change over
- Speeds up to 350 BPM (depending on container size and configuration)
- Low level sensor in hopper
- Integral scanners monitoring the flow of containers



Standard options include integrated bottle blowing devices to clean bottles of debris and selected face orientation devices to consistently feed bottles to conveyor in specific direction.