

## *NM Series Auto Bottle Unscramble*



The NM Series Automatic bottle unscrambles is a reliable; belt type and flexible solution for your demands of unscramble randomly distributed PET containers in a harmless way. Equipped with multiple sets of elastic belts for bottle unscramble without causing additional scratches on the external surface of PET container. In the case of different bottle specifications, this machine can be adjusted simply via hand wheels and inter connected adjustment system with minimal downtime.

This machine is integrated with adjustable air conveyor system and vacuum stabilizer at the discharge end for high stability and repeatability. An outstanding production capacity of 400 bottles per minute makes the NM Series automatic bottle unscramble one of best solutions for unscramble PET containers in the market. This machine can be integrated easily upstream of downstream of an existing production line.

### **Your benefit:**

- High flexibility thanks to inter connected adjustment system
- Compact design for optimal space utilization
- High safety standard with safety doors and guards
- Minimal harmless thanks elastic belt unscramble system

### **Method of operation:**

PET containers are initially loaded into temporary container elevator for automatic feeding. With the help of elevator, containers are then fed row by row into the unscramble tank, where individual container will fall naturally into side channel due to the inclined slope in the tank. Container in the channel is then unscrambled via unscramble device and rotary disk. In that case, individual container is sorted into single direction for filling purpose. Unscrambled containers are further discharged via multiple sets of elastic belt and air conveyor system at the discharge end.

### **Facts and figures:**

- Production capability: 400 bottles/minutes
- Application containers: PET
- Application container type: round, square or rectangular shape
- Application volume: 200~2000ml (Design dependent)
- Construction material: SUS304 Stainless steel and painted carbon steel

**Additional Equipments:**

- Vacuum stabilizer
- Adjustable air conveyor system