

### Features & Benefits:

#### Drive Units:

Electromagnetic or pneumatic drives available to suit your requirements.

#### Flexibility:

Modular design facilitates integration into any process or automation system or can simply be a stand-alone unit. Ancillary products can be added to ensure that all your production requirements are met.

#### Gentle Handling:

Provides the absolute minimum vibration transfer, ensuring the gentlest handling of your valuable product.

#### Easy Installation:

No major foundations are needed, making installation easy and very inexpensive. Bowl feeders can be mounted on independent support stands, or built-in to your existing machinery.

#### Reliability:

With over 70 year's experience in the industry and equipment designed to handle each specific application – Podmores equipment has year on year reliability.



A specially designed unit that has a programmable control system giving the choice of total or batch counting.



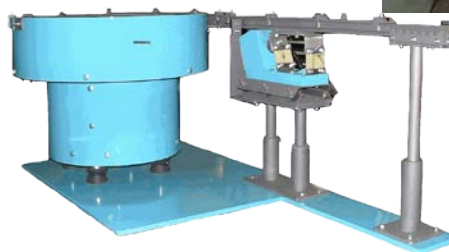
Two of four Bowl feeders supplying plastic components to a robotic assembly machine. The system assembles plastic roller bearings.

Podmores bowl feeders are available in a variety of materials to meet food, pharmaceutical, and industrial applications. This unit is feeding and counting surgical monolet needles into a pack sitting on a Vibratory consolidating unit.



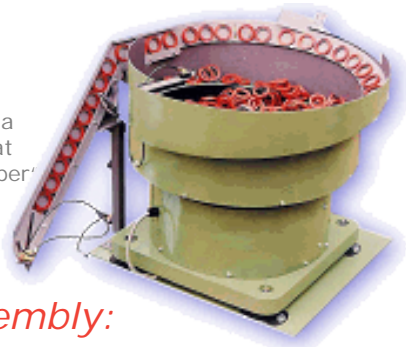
Plastic spice containers are fed from a bulk storage hopper into bowl feeder, which then feeds an automatic filling line.

Here, a bowl feeder is being used to feed plastic measuring scoops. 45 scoops per minute are delivered to an automatic escapement in order to be placed into a container passing below in a specific orientation.



Here, a bowl feeder is being used to feed parts onto a linear track feeder. The parts accumulate in 6's at the end of the track where a pick and place unit moves them to the next manufacturing process.

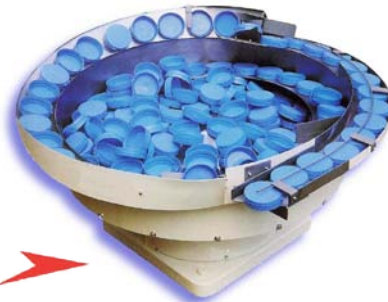
This Podmores bowl feeder is a simple unit that orientates rubber 'o ring seals' for packaging.



The product is fed into the bowl and travels around the flights of the unit through vibration. Specialised tooling is used to ensure the correct orientation of the product. Bowl Feeders can be supplied as stand alone units, or be incorporated into packaging or automation systems.

### Bowl Assembly:

- Widths: 165mm-1100mm diameters
- Fabricated stainless steel, mild steel or cast aluminium.
- Dull finish, polished, or painted to suit specific requirements
- Interchangeable bowl tops allow for a variety of products to be handled in one unit.
- No moving parts for safety & minimal maintenance.



Bowl feeder handling & sorting plastic carton cap into the correct orientator prior to a capping machine



Dual Storage Conveyor Feeding System, for packs of snack food. Each of the dual hoppers feeds one flavour of bagged snacks into the bowl feeders for orientation and presentation to a robot picker arm that places the product on to the in-feed chutes, two flow conveyors or page conveyors, belt conveyors, & bucket elevators all working together to form a specialised random sweet mixing system

This bowl feeder is tooled with four tracks to allow the product to be split into four lanes before passing to the next manufacturing



### Applications

- |                   |                  |                    |               |                  |
|-------------------|------------------|--------------------|---------------|------------------|
| Hardware          | Medical Supplies | Aerospace          | Confectionery | Pharmaceuticals  |
| Electronics       | Automotive       | Toys & Games       | Packaging     | Food & Drinks    |
| Domestic Products | Parts Feeding    | Factory Automation | Bullets       | Metal Components |

**Making a difference in manufacturing**

**PODMORES**  
you make it > we move it

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