

**Features & Benefits:**

Compact design facilitates integration into any packaging system or can simply be

**Gentle Handling:**

A reciprocating 'ladder' moves through the bulk hopper's floor to elevate a step width of components per stroke ensuring the gentlest

**Economic:**

The compact "foot print" means maximum lifting, for minimum floor space used.

**Easy Installation:**

No major foundations are required, therefore your installation is easy and very inexpensive.

**Reliability:**

70 years of experience in the industry, with designs & equipment to handle each specific application Podmores equipment has year on year reliability.

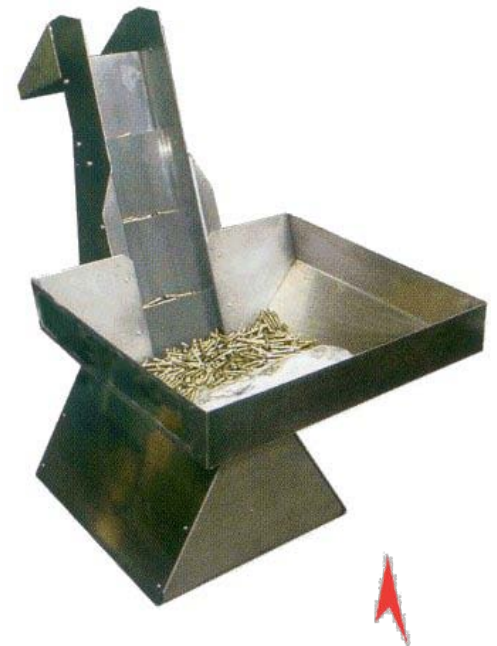


- > Large Bulk Storage Hopper
- > Gentle Handling
- > "Jam Free" feeding
- > Can be tooled with Linear / belt conveyor out feed



- > This unit (shown under-test) is lifting bullet tips. The unit has a pneumatic drive and indexes at 50 strokes per minute.

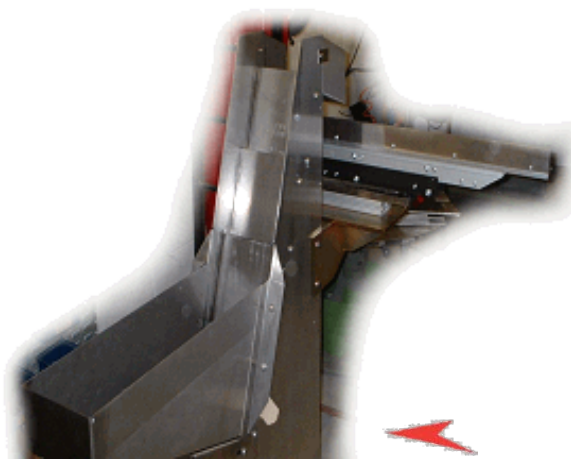
- > Stainless steel / acetal construction
- > Requires minimum maintenance
- > Occupies minimum floor space
- > 230v or 415v Electric or Pneumatic drive options



**Applications**

Include elevating bulk materials such as:

- Bullets Pens Nuts / Screws Steel Billets**
- Capacitors Plastic Components Battery Cans**
- Medical Components Machined Parts**
- Wrapped sweets Cosmetic Cases Auto Parts**
- Bottles Caps**

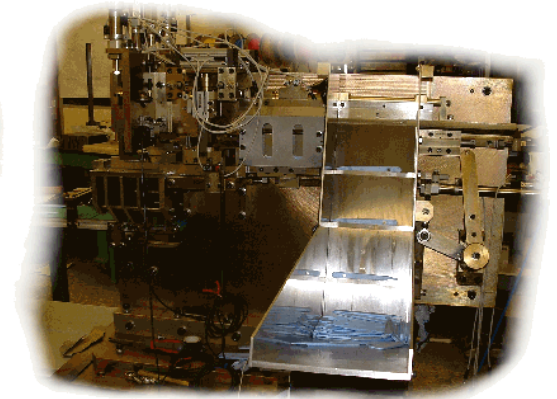
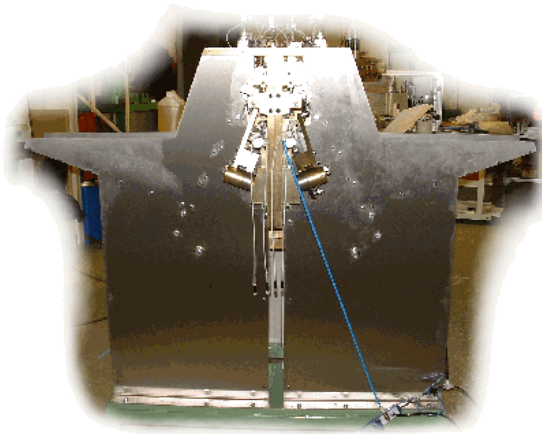


This unit was designed to elevate medical swabs. It transfers into an automatic assembly machine that pushes the swab into a plastic handle, and then the whole assembly into a safety tube.



This unit elevates tubular components at a rate of 50 parts per minute. It transfers onto an electromagnetic track feeder, and then into an automatic assembly machine.

- Feed rates up to 500 Parts per Min
- Ideal for Heavy Components
- Ancillary tooling / mechanisms optional
- Feeder not sensitive to hopper loading



The two views above are that of a "Siamese twin" step feed unit handling surgical scalpel handles. Each side has a store hopper into which the handles are placed. They are lifted at a rate of 60 parts a minute from each side into the feed conveyor of an automatic assembly machine.



The pneumatic step feeder shown here is used to elevate a range of steel tubes between 15-52mm diameter and 30 – 60mm long. They are loaded into an automatic assembly machine at the required rate of 20 parts per minute..



To increase the performance of the system, a "store -belt" feeder can be sited prior to the bulk store hopper of the step feeder. This allows much longer batches to be processed before the re - filling the hopper.

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