

EFFICIENT DOSING AND DISENTANGLING OF BULK MATERIALS AND INTERLOCKING MATERIALS

STORAGE FEEDER

The storage feeder type FVE is a combination of a storage hopper and a vibratory feeder.

With the SKAKO VIBRATION storage feeder, controlled proportioning of components, including difficult interlocking materials such as nails, screws and pins can be achieved.

The FV storage feeder ensures an evenly controlled flow from the material stack, and by adjusting the stroke of the vibrator, the flow rate is infinitely variable. With the numerous options available, integration into many production processes are possible.

FEATURES

Numerous design options allow for the storage feeder to be customised to suit the exact process and applicational requirements :

- 6 standard sizes.
- Depending on the application, 3 drive types available
- Load capacity up to 4,000 kg and 2240 litres.
- Various liner options, gates and outlets available.
- SKAKO – weigh system for integration into fully automatic loading systems.



Storage feeder (up to 2.0t) for furnace feeding



Charging bowl feeder



Storage feeder prior to sorting machine

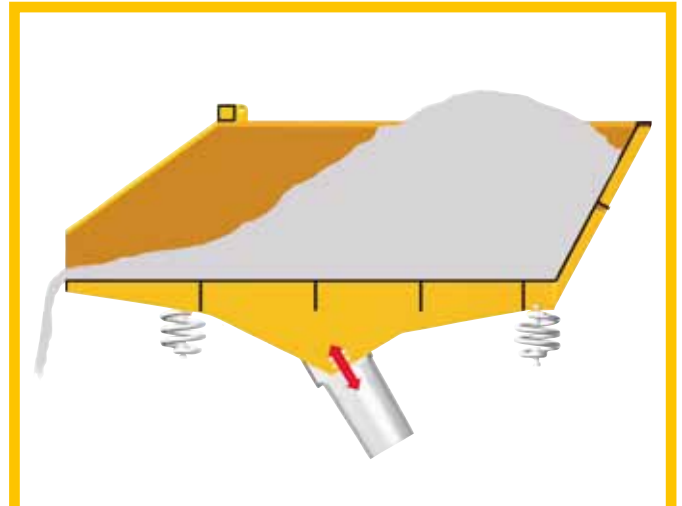


Multiple storage feeders loading thread rolling machines

Application possibilities

The SKAKO VIBRATION storage feeder type FV is especially suitable for the charging of materials for:

- Hardening furnaces, equipment for thermal surface treatment
- Industrial washing machines, dryers, degreasers
- Surface treatment equipment
- Electroplating
- Thread rolling, clutch / sharpeners, etc.
- Sorting and inspection machines
- Screening and separation equipment
- Treatment plants
- Weighing and packaging machines
- Melting furnaces



Advantages

- Easy installation
- Easy filling
- Easy visual inspection when changing the product
- Optimum product activation
- Effective disentangling of interlocking bulk materials
- Continuous, consistent product dosing
- Highest dosing accuracy
- Gentle handling of material
- Easy to use
- Noise reduced product dosing
- Wear-and maintenance-free

OPTIONS



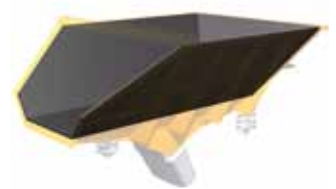
Discharge outlet
Diagonally cut for optimum spreading to suit the width of the succeeding machine.



Catch gate
For the safe collection of in-flight material after the conclusion of proportioning, e.g. proportioning of coins into polishing machines, plating barrels etc.



Retaining bars
Ensure that only disentangled materials move forward.



Trough lining
To prevent wear, corrosion or sticking. Type and design selected to suit customer requirements.



Outlet gate
Prevents passage of material when refilling the feeder.



Finger gate
For the removal of fine material, e.g. cuttings, nibs, etc.



Drain
For the draining of a small volume of liquid, e.g. oil, water, etc.



SKAKO Weigh System
Facilitate precise batch charging or accurate flow rate control.