

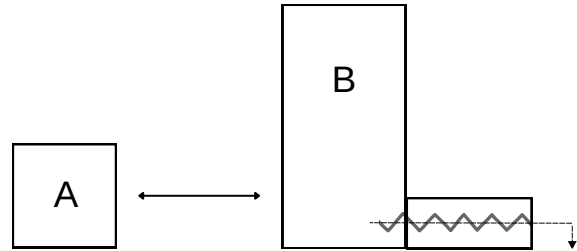
## Single & Twin Screw Micro Feeders

### Typical application of OSS-Micro:

- A. Motor Control
- B. Single Screw Feeder

### Typical application of OTS-Micro:

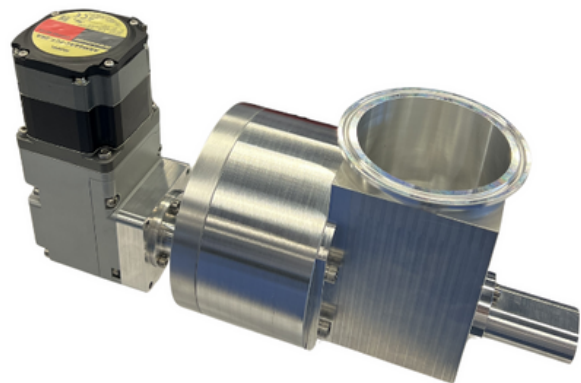
- A. Motor Control
- B. Twin Screw Feeder



## Description

Orbetron's OSS / OTS Micro feeders are designed to feed free-flowing materials and poor-flowing powders at very low rates.

The sanitary clamp feed hopper makes it ideal for applications that require material changes by removing the existing hopper and replacing it with a new clean hopper. The feeders' small footprint can be used as a storage container, eliminating cleaning and the possibility of product contamination. These include a single screw hopper to feed free-flowing products, and a twin screw with a horizontal agitator to feed materials. The feeder can be easily integrated with gravimetric or volumetric controls, as well as installed separately or in a production line with multiple feeding devices.



OTS-Micro is displayed above.

## Dosing Performance

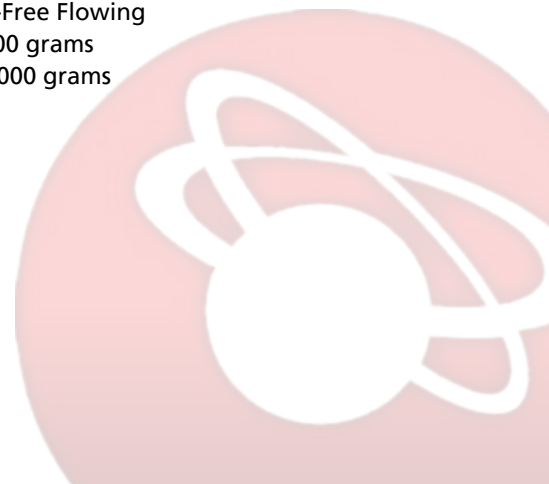
### OSS-Micro

- Used for pellets and powders
- Free-flowing
- Stepper Motor 20 - 1,000 grams
- AC/DC Motor 80 - 5,000 grams

### OTS-Micro

- Used for powder material
- Free-flowing & Non-Free Flowing
- Stepper Motor 5 - 500 grams
- AC/DC Motor 50 - 3,000 grams

Note: All throughputs are estimates and is dependent on bulk density.



## Design

- Compact feeder and gearbox design
- High modularity for easy dismantling and cleaning
- Horizontal material outlet discharge
- Tool-free change of the feeder screw
- Applicable for single spiral and auger screws
- All metal parts which are in material contact are aluminum
- Motor configuration AC/DC, Stepper
- Gearboxes in multiple configurations
- Weight without accessories volumetric 5 lbs

## Options

- *Gravimetric and volumetric controls*
- *Hopper extension modules*
- *Special hoppers are available by request*
- *Removable vertical outlet tube with the size of 2"*
- *Silicon sealing*
- *Gravimetric loss-in-weight batch*
- *Gravimetric gain-in-weight*
- *Gravimetric low-in-weight continuous*
- *Volumetric continuous or batch*
- *Ezi-Dock adaptation for material containment*
- *Integration with OSB Series*
- *Vertical Discharge*
- *SS Configuration*

## Additional

Top-view and interior of OTS-Micro

