

200 Series Micro Feeder

Brief Description

Our 200 series feeder is the largest of our Micro Disc Feeders. The 200 series offers the same options, and versatility, which is the key to its performance. The design offers a 200mm (8") diameter feeding disc.

The base feeder design is sized to feed low rate feeding applications 0.1 to 800lb/hr (.05-362kg/hr). All rates can vary based upon the density, flow-ability, and size of material.

The 200 series small size allows easy mounting to almost any processes. Like all of our other series feeders it holds unlimited possibilities! No auger or vibratory feeders can match the 200's capabilities, in terms of size, feeding capability and repeatability.

All of Orbetron's Disc series feeders are designed to handle bulk materials ranging from powder to pellets. This rate can vary based upon the density, flow-ability, and size of material.

This is the Orbetron difference!

General Specifications

Standard disc sizes include 48, 24, & 12 holes per revolution. Special disc sizes are designed based upon your feeding needs.

Orbetron offers our engineering expertise to help handle you unique application needs.

Orbetron designs our disc feeder to be quick exchange capable, and easy clean capable.

We use our stepper motor technology to ensure precise measurement by volume. This is all tied into our O50 touch screen controller.

Incorporating our 3D printing technology we can design and produce a 3D model of this unit based upon the design requirements.



Specifications

- 110/220Vac single phase 50/60 hz
- Stepper Motor Drive
- Volumetric/Gravimetric Capable (Batch/Continuous)
- Quick Exchange Housing
- Dose Powder to Pellet Materials
- Multiple Mounting Capabilities
- Separate Mounted Controls

Controls O50

- Separate Mounted Controls
- HMI Color Touchscreen
- PLC Control with I/O for Stepper, DC, or AC Motors



Options

- External Alarm Audible & Light
- Spare Station for Easy Changeover
- Optional Agitation for Special Materials
- Modbus Ethernet
- Continuous running software
- Extension cables
- SS Hopper
- Small loader adapter
- Multi-component capability up to 4 units (additional units upon request)

Disc Chart

Additional Disc sizes and designs are available

Disc Type	Disc Thickness	48 Holes	24 Holes	12 Holes	6 Holes
SD	1.0, 2.5, 5mm	Y	Y	Y	Y
HD	1.0, 2.5, 5mm	Y	Y	Y	Y