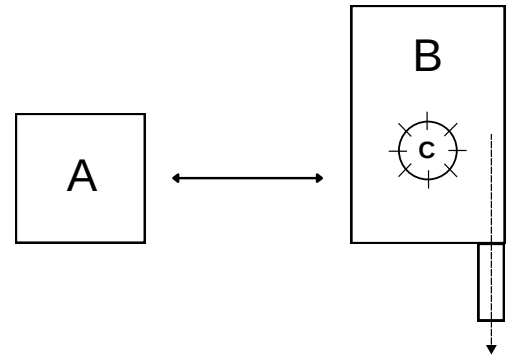


(ORBETRON'S SMALLEST FEEDER)

50 Series Disc Feeder

Typical application of 50 Series:

- A. OC50 Controller
- B. 50 Disc Feeder
- C. Disc



Description

Orbetron's 50 Series Feeder is the smallest feeder in the world. The design offers a 50mm (2") in diameter feeding disc. The base feeder design is sized to feed low rate feeding applications 0.002 to 1.0lb/hr (1g/hr to 50g/hr). All rates can vary based upon the density, flowability, and size of material.

The 50 series is the size of a standard coffee mug, the mounting ability holds unlimited possibilities! No auger or vibratory feeders can match the 50'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, flowability, and size of material.

Specifications

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

OC50 Controller

- Separate Mounted Controls
- HMI Color Touchscreen
- PLC Control with I/O for Stepper



Design

- Standard disc sizes include 24, 12, & 6 holes per revolution. Special disc sizes are designed based upon your feeding needs
- 3D printing technology is utilized to design disc specifications
- High exchange and easy-clean capabilities

Options

- External Alarm Audible & Light
- Spare Station for Easy Changeover
- Optional Agitation for Special Materials
- Continuous running software
- Extension Cable
- SS Hopper
- Multi-component capability up to 4 units

