

Orbetron



Orbetron Powder Loaders & Receivers

Brief Description

Our OPL series pneumatic conveying units are designed to convey low rates of material ranging from granulate to powders. All conveying units are very versatile, and offer Orbetron's **Mechanical Cleaning Technology (MCT)** for all sizes of our loaders & receivers. This eliminates any type of air purging or blowback that most conveying units incorporate. **(MCT)** eliminates all dust in the area of the conveying units, to ensure a clean processing environment.

The base conveying units are design to be easily cleaned and incorporate a quick disconnect for easy change overs. There are 4 basic models which are designed to fit on all standard Disc Series Feeders, and other type of feeders in the market.

All of Orbetron's OPL series conveying units are designed to handle bulk materials in the standard; self-contained loader configuration, or in a central conveying arrangement. Note: All rate calculations can vary based upon the density, flow-ability, size of material, and distance.

This is the Orbetron difference!

General Specifications

Standard self-contained loader units come with a butterfly valve and adapters to fit directly to our disc feeder.

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

Orbetron designs our OPL conveying units to be quick exchange capable, and easy to clean.

All self-contained loader use our OPL50 conveying controller, for easy operation.



Industries

Pharma

Food

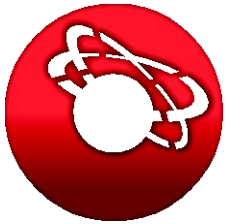
Packaging

Chemical

Lab

Agricultural





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Specifications

- 110/220Vac single phase 50/60 hz
- Mechanical Cleaning Technology (MCT)
- Quick Exchange Housing
- Butterfly valve discharge for on-demand conveying
- Multiple Mounting Capabilities
- SS design with Disc mounting
- Wand (dual tube) and hose

Controls OPL50

- Separate Mounted Controls
- PLC Control with I/O for sensors and AC Motor



Options

- Extension hoppers for greater volume
- External Alarm Audible & Light
- Spare Station for Easy Changeover
- Optional Agitation for Special Materials
- Modbus Ethernet
- Extension cables
- Optional adapters for 3 party mounting

Sizing Chart

Conveying Unit	Type	(MCT)	Outlet Valve	Inlet	Rate lbs
OPL125	Loader	Y	2.5"	1.5"	20
OPLR125	Receiver	Y	4"	1.5"-2"	100
OPL200	Loader	Y			
OPLR200	Receiver	Y	4"-6"	2"-3"	300
OPL300	Loader	Y			
OPLR300	Receiver	Y	4"-6"	2"-3"	650
OPL400	Loader	Y			
OPLR400	Receiver	Y			

Specification can change without notice and all rates are subject to material type (contact Orbetron for further information)