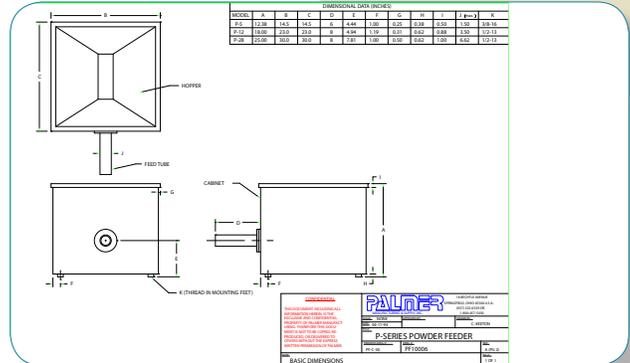


P-Series Volumetric Powder Feeders



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DIMENSIONAL DATA (INCHES)

MODEL	A	B	C	D	E	F	G	H	I	J (max.)	K
P-5	12.38	14.5	14.5	6	4.44	1.00	0.25	0.38	0.50	1.50	3/8-16
P-12	18.00	23.0	23.0	8	4.94	1.19	0.31	0.62	0.88	3.50	1/2-13
P-28	25.00	30.0	30.0	8	7.81	1.00	0.50	0.62	1.00	6.62	1/2-13

General

The Palmer P-Series provides accurate, consistent additions of: Red Iron Oxide, Black Iron Oxide, and Bentonite. It also works with other difficult to meter solids. Capacities from .1 to 942 cu. ft. per hour. Includes solid state DC drive. The flexible, externally massaged hopper is an integral machine component. The P-Series can be custom sized for each application.

General details:

- Flexible Polyurethane Hopper
- Stainless Steel Massaging Paddles
- 304 Stainless Steel Feed Tube and Auger
- 90-Volt DC Gearhead Drive Motor
- Flexible Roller Chain Drive System
- Sealed Drive Train & Cabinet
- Solid State Control, Pushbutton Controls

Hopper

The polyurethane hopper is extremely flexible and is stronger, more resilient, and more abrasion resistant than traditional vinyl designs. There are no internal cracks or ledges to collect and retain material. The hopper interlocks with the cabinet for an airtight seal. The hopper sides are kept in constant motion by stainless steel paddles that continually moves material around the feed auger to maintain consistent material density.

Cabinet and Drive Train

The cabinet is made of stainless steel. The cabinet is sealed by the hopper protecting the working parts from water, dust, and dry materials. The drive train is housed in a galvanized steel chassis that completely lifts out of the cabinet for easy inspection and maintenance. The drive train features stainless steel massaging paddles, sealed roller bearings, and a flexible roller chain drive that never requires tension adjustment. The drive motor is a 90-volt DC gearhead motor that provides consistent and accurate output RPM.

Available Models

Model	Standard Motor Horsepower	Max Cubic Ft. Per Hour	Max Output Lbs. Per Min. at 70 Lbs. Per Cubic Ft.
P-5	1/8	8	9.3
P-12	1/2	118	137
P-28	3/4	942	1,099

Controls

The electrical controls are housed in a remote NEMA enclosure for mounting in a convenient location. Auger RPM is controlled by a pushbutton potentiometer located in the door of the enclosure. The three-digit pushbutton adjustment allows for very precise output adjustment.

Options

Standard P-5 Hoppers:

- 1 Cubic Ft. Hopper
- 5 Cubic Ft. Hopper

Standard P-12 Hoppers:

- 5 Cubic Ft. Hopper
- 10 Cubic Ft. Hopper

P-28 Hoppers Available -- Consult Factory

High/Low Addition Levels with Remote Selector Switch
 EZ-Calibrate Kit

Mount Kit for Continuous and Batch Mixers