

# POWER HOPPERS

*Auger Conveying System*

*Smart Solutions To Keep You Moving!*

The Ensign power hopper is an economical method to move or load material quickly and efficiently.

This product is designed to feed pellets, granules, and free flowing powders into storage vessels, mixers or other downstream processes. It is often used in conjunction with our hydraulic box dumper to deliver material from Gaylords to point-of-use systems.

Using VSD's and other automation, we can also integrate this product into your overall process to provide more precise control of feed rates and process requirements.

Ensign power hoppers are built with durable, high quality components designed for years of trouble-free operation. If you should ever need it, superior customer service is immediately available from the Ensign Service Team. Most parts are in stock and available to ship same day.

#### **Key features:**

- Heavy duty steel or stainless steel construction
- Direct gear drive for long life
- Flanged idler bearing
- Adjustable Teflon dust seal
- Baldor TEFC motors
- Hoffman NEMA 12 control panel
- Stacking pads for Porta-Stor filling
- Industry leading two year warranty on all parts and workmanship

*See back page for additional options and specifications.*



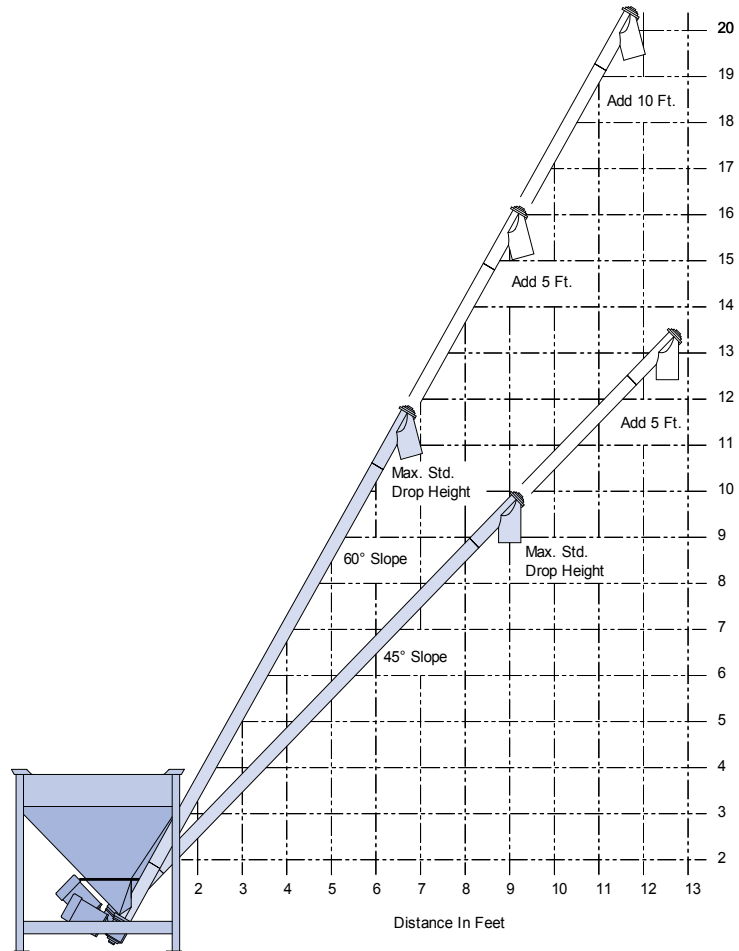
# Power Hoppers

## Standard Features:

- Heavy duty steel construction
- 20 cubic feet hopper capacity (level full)
- 44" x 44" x 46" tall
- Direct gear drive for low maintenance
- Compressible Teflon bearing dust seal
- TEFC motor
- NEMA 12 control panel
- 45 deg or 60 deg auger slope
- Two-way fork channels
- Stacking pads for Porta-Stor filling
- Foot mounting pads
- Ensign Blue Epoxy

## Optional Features:

- 30 cubic feet hopper capacity (level full)
- 44" x 44" x 56" tall
- Stainless steel construction
- Variable speed drive
- Hinged cover
- Level control switch
- Vibrator
- Agitator
- Bag break grate and / or hood
- Custom Paints and Coatings



Model No.	Auger Dia (Inches)	Tube Dia (Inches)	Max Length	HP	RPM	Slope	Delivery (per hour)
20-1100	2.7 *	3.5	50'	1.5	345	60 deg	50 ft3
20-2100	2.7 *	3.5	50'	1.5	345	45 deg	60 ft3
20-3100	3.6 *	5	30'	2	345	60 deg	100 ft3
20-4100	3.6 *	5	30'	2	345	45 deg	120 ft3
20-5100	4	5	20'	2	230	60 deg	150 ft3
20-6100	4	5	20'	2	230	45 deg	180 ft3
20-7100	6	7	20'	3	173	60 deg	280 ft3
20-8100	6	7	20'	3	173	60 deg	320 ft3

\* Indicates coreless or "flex" augers

Note: delivery rates above are calculated using dry, free-flowing plastic pellets with a bulk density of 35 lbs/ft3. Contact us for more information relating to your materials and processes.

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