



Professional Packaging Systems

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Contact

Our Packaging Experts
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Feeding Concepts Auxiliary Hoppers



At a Glance

- Controls bowl load weight and quantity
- Cold roll steel and stainless steel
- 1/4 cubic foot to 6 cubic foot sizes
- Electromagnetic and belt-driven drives

Pricing

Call us at 888-318-0083

Many options are available. Complete details will need to be finalized to determine requirements and final system costs. Work with your Pro Pac representative to build this machine to your specifications.

Prevent Bowl Overload with an Auxiliary Hopper

Operators can overload feeder bowls. With too much part weight added to the vibratory feeder bowl, it can cause the bowl to essentially go dead. Too many layers of parts can cause parts to stick between the tracks of the bowl.

We recommend including Feeding Concepts auxiliary hoppers with bowl feeding systems. An auxiliary hopper consists of the base drive, stand, and hopper bin. There are also belt driven hoppers which do not require electromagnet coils.

The hopper dispenses parts into the bowl. The bowl level control switch regulates the hopper so it does not overload.

We offer many styles of auxiliary hoppers that can be customized to meet your specifications. Depending on the quantity of parts you want to load at a time you can order anywhere from 1/2 to 6 cubic foot hoppers. Larger hoppers are available using an elevator-style floor feeder.

Please [contact Pro Pac](#) or call 888-318-0083 for your bowl feeding equipment.

Specifications

Types

Square-Back
Slant-Back
Round
Belt-Driven

| | |
|---------------------------|---|
| Materials | <p>Cold roll steel sheet. 11 Gauge (1/8")</p> <p>304/304L Stainless Steel. 11 Gauge (1/8")</p> <p>316/316L Stainless Steel. 11 Gauge (1/8")</p> |
| Base Drive Materials | Carbon steel bar and plating |
| Surface Finishing | <p>Bead blast</p> <p>Hand polished</p> <p>Teflon (total chemical inertness, excellent dielectric stability)</p> <p>Surlyn (FDA approved)</p> |
| Drives | <p>Electromagnetic</p> <p>Belt-driven</p> |
| Electromagnet Frequencies | <p>60hz</p> <p>120hz</p> |
| Controls | <p>Standard electromagnet feeder controller</p> <p>DC motor control built into feeder controller</p> |
| Power/Voltage | <p>115vac control input</p> <p>230vac control input</p> |
| Level Control Switches | <p>Paddle Switch</p> <p>Laser</p> |
| Paints | <p>Vista green</p> <p>Safety blue</p> <p>Machine grey</p> <p>Customer specified Sherwin Williams paint number</p> <p>FCI will match a paint chip if available</p> <p>2-Part epoxys</p> |
| Sizes | <p>1/4 cubic foot</p> <p>1/2 cubic foot</p> <p>3/4 cubic foot</p> <p>1 cubic foot</p> <p>2 cubic foot</p> <p>3 cubic foot</p> <p>4 cubic foot</p> <p>5 cubic foot</p> <p>6 cubic foot</p> |
| Stand Construction | Carbon steel bar and plating |

Fasteners

US (black oxide or stainless)

Metric (black oxide or stainless)

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