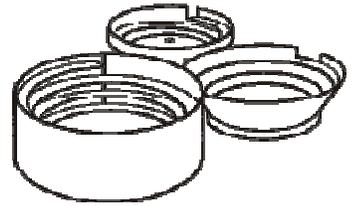


Dyna-Feed

Centrifugal Feeder Solutions



Dyna-Feed Centrifugal Feeders are often configured to meet specialty applications.



Product Overview

Dyna-Feed Centrifugal Feeders feeds and orients a wide variety of parts utilizing the part's natural weight bias and loading ramp. The delivery rate varies from moderate to high speed depending on part characteristics. Every centrifugal feeder is designed to interface with Dyna-Feed prefeeders, Dyna-Slide accumulating conveyors, or Dyna-Belt Discharge Conveyors.

Standard Features

Durable cast urethane foam bowl , C-face motor/reducer,
Square tooling frame for quick changeover, Variable speed motor

Standard Options

Polycarbonate hinged top cover, 304 & 316 Stainless steel construction,
Interchangeable tooling, AC controller, Flat ramps - wide /narrow, Air ramp

Flexible industrial solutions for automatically feeding parts, package or materials.

Dyna-Feed

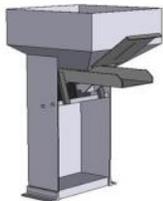
Part Feeding Solutions for every industry.

The basic concept of a Centrifugal Feeder Bowl is to take a particular product from a bulk state to a single lane of oriented parts as it exists the feeder bowl at the discharge. Generally the parts are confined at the discharge of the feeder bowl so as to maintain this specified orientation for the machine or process being supplied can carry out its function with this part i.e.: assembly, packaging, inspection, counting, etc.



Our Centrifugal Feeder Bowls range in size from 6" in diameter to 54" in diameter, and are offered in both USDA approved design and industrial grade design.

- USDA grade bowls have all seams welded and ground free of pits and crevices, with a hand polished #4 brush finish on the stainless steel tooling. This tooling and the other hardware is specifically designed for easy removal and wash down of the complete system, including wash down style gearboxes, bearings, and motors. This makes our USDA centrifugal feeders of choice for both the FOOD and the PHARMACEUTICAL industries.
- The standard centrifugal feeder bowls come with two variable speed DC motors for easy adjustment of the rim and center disc speeds, as opposed to our competitors single speed ratio systems. This is especially helpful when running more than one style of part in each feeder bowl.
- Centrifugal feeders are capable of handling a wide range of parts and sizes, at very high rates of feed for many applications.
- Centrifugal feeder bowl systems are specifically designed for quiet, dependable running for many years of trouble free operation. We use pre-lubed sealed bearings where applicable to reduce or eliminate periodic maintenance scheduling. A specially designed Rim and Center Disc of cast nylon for quiet feeding also reduces or eliminates wear and scuffing of the product being fed.
- Each one is designed and custom tooled for the part handling characteristics required.



Dyna-Feed Product Line includes:

- Bulk Supply Hoppers:**
- Linear Metering Pans**
- Low Level Elevator-Feeders**
- Drives:**
- Vibrator Frequency Controllers:**
- Lined Bowls:**
- Linear Feeder:**
- Discharge Tracks, Rails, Conveyors:**
- Sound Enclosures**
- Escapements & Pick & Place Modules:**
- Pick & Place Devices:**
- Machine Bases & Stands:**
- Specialty Vibratory Feeder Based Machines:**

