

Syntron® Orienting & Elevating Feeders

Feeders that orient parts during elevation

Elevates and Orients Round, Lightweight Parts

The Syntron® Orienting and Elevating Feeder (OEF) is built to handle a wide range of round, lightweight parts such as caps, lids and plastic discs.

The OEF is designed to draw parts from its hopper via a cleated belt. Parts rest on these cleats and advance to a vertical elevator section where orientation occurs. Parts with their heavy side toward the belt remain on the cleat. A cam bar and/or air jet directs the part through an external side discharge chute on to their next destination. All other parts over-balance and fall off the cleat, back into the hopper.

A variable speed DC motor with slip clutch arrangement drives the OEF. In addition, this unit comes complete with a control, wired for 115 volt, 60 cycle, single phase AC power supply.

Features and Benefits

- One unit does it all—elevates and orients parts, all from one piece of equipment
- Available in 3, 5, 7, 10 and 15 cubic-foot capacities
- Right or left hand discharge
- Optional wear-resistant and/or noise-reduction linings
- Operates intermittently when signaled by an external sensor
- Intermittent operation—optional photoelectric sensor on external track provides signal for intermittent operation—prevents jamming of parts, reduces part damage and noise levels
- 12-inch wide belt with hopper capacity of 3,5, or 7 cubic feet available, with discharge height of 66 to 114 inches
- 24-inch wide belt with hopper capacity of 10 or 15 cubic feet available, with right or left-hand discharge height of 72 to 120 inches.



Syntron® Orienting and Elevating Feeders are ideal for round, light-weight plastics such as lids.

