

Syntron® Model BE Parts Elevators For Controlled Elevation of Parts

Gentle Elevation Of Parts

If your packaging, assembly or processing lines need gentle elevation of parts, look to Syntron® Parts Elevators to do the job. These units combine a hopper, vibratory trough feeder and inclined cleated belt to elevate parts to a parts feeder or other processing points.

Controlled Feed Rates

The vibratory trough feeder assures controlled flow of parts from the hopper to the parts elevator. All hoppers are manufactured with an adjustable gate to control depth of parts in the trough. This assures that parts are properly located onto the belt cleats.

Intermittent Operation

Syntron Parts Elevators can operate intermittently when signalled by a flow switch positioned beyond the discharge of the elevator. This flow switch signals the elevator to deliver parts when required.

Range of Discharge Heights

The Parts Elevator is available with standard discharge heights ranging from 41-1/2 to 134-1/4 inches, with either a 6 or 12-inch-wide rubber cleated belt. Both belts have standard cleat spacing of 12 inches. Optional 6-inch cleat spacing is also available. For heights other than those listed, please consult our factory.

The standard discharge chute has a 6-inch-wide opening and is adjustable from a 15 to 45-degree slope.

Optional equipment includes a part diverter chute which provides two lines of flow, controlled independently, from a single elevator.

Hopper Ranges

These units can be supplied in 5, 10 or 15 cubic foot capacities. The hopper can be furnished with a vibrator to gently assist part flow from the hopper.

The standard control for the Parts Elevator operates the motor, vibratory trough feeder and optional hopper vibrator. The control operates from 230 or 460 volt, three phase, 60 cycle, AC power supply. An optional DC drive with variable speed control is available for operation from 115 volt, 60 cycle, single phase power supply.



Syntron® Model BE Parts Elevator

Available Options:

- Stainless steel part contact surfaces with FDA-approved white belt
- Various linings for hopper, vibratory trough and discharge chute
- Casters with floor lock
- Flow switch
- 6-inch-wide cleat spacing
- Molded belt side walls

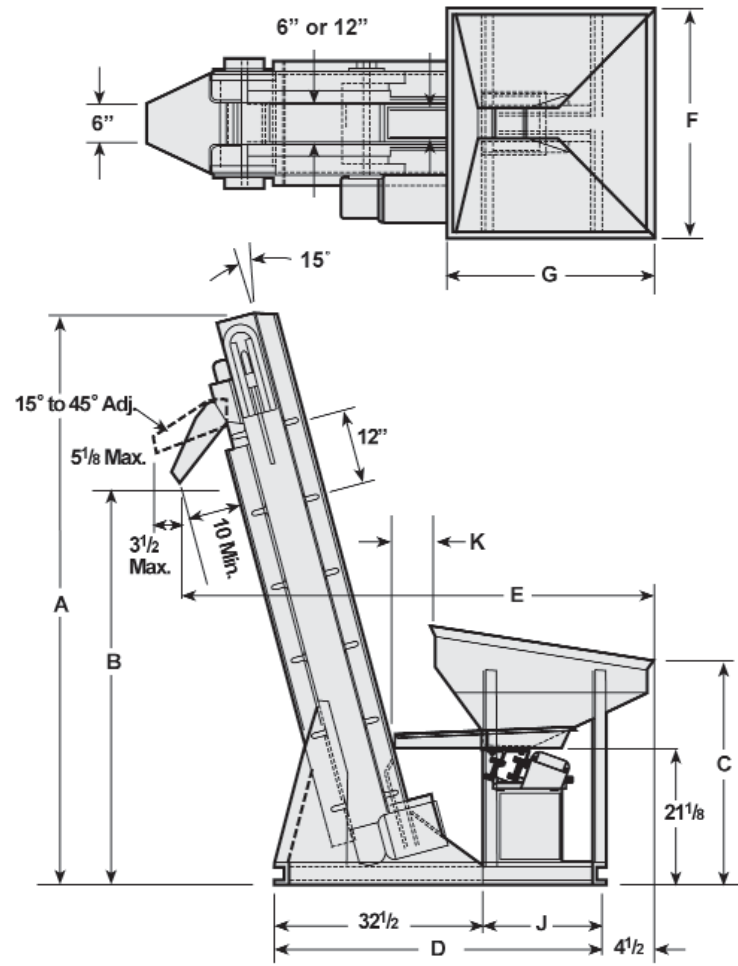


BE Parts Elevators

Parts Elevator Identification Guide

BE 4 - 6 - 15

BE Parts Elevator	4 Elevator Frame Length (feet)	6 Belt Width (inches)	15 Hopper Capacity (cubic feet)
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Dimensions in inches

Elevator Frame Length	Hopper Capacity	A	B*	C	D	E	F	G	H	J	K
BE4-6	5 cu. ft.	67	41 1/2	35	51 7/8	66 1/2	36 1/2	32 3/4	5 3/4	19 3/8	3 1/4
or	10 cu. ft.	67	41 1/2	37	59 1/4	74	50 1/4	41 1/4	or	26 3/4	2
BE4-12	15 cu. ft.	67	41 1/2	39	63 1/4	78 1/4	58 1/4	47	11 3/4	30 3/4	1/2
BE6-6	5 cu. ft.	90 1/4	64 3/4	35	51 7/8	72 3/4	36 1/2	32 3/4	5 3/4	19 3/8	3 1/4
or	10 cu. ft.	90 1/4	64 3/4	37	59 1/4	80 1/4	50 1/4	41 1/4	or	26 3/4	2
BE6-12	15 cu. ft.	90 1/4	64 3/4	39	63 1/4	84 1/2	58 1/4	47	11 3/4	30 3/4	1/2
BE8-6	5 cu. ft.	113 1/4	87 3/4	35	51 7/8	79	36 1/2	32 3/4	5 3/4	19 3/8	3 1/4
or	10 cu. ft.	113 1/4	87 3/4	37	59 1/4	86 1/2	50 1/4	41 1/4	or	26 3/4	2
BE8-12	15 cu. ft.	113 1/4	87 3/4	39	63 1/4	90 3/4	58 1/4	47	11 3/4	30 3/4	1/2
BE10-6	5 cu. ft.	136 1/2	111	35	51 7/8	85 1/4	36 1/2	32 3/4	5 3/4	19 3/8	3 1/4
or	10 cu. ft.	136 1/2	111	37	59 1/4	92 3/4	50 1/4	41 1/4	or	26 3/4	2
BE10-12	15 cu. ft.	136 1/2	111	39	63 1/4	97	58 1/4	47	11 3/4	30 3/4	1/2
BE12-6	5 cu. ft.	159 3/4	134 1/4	35	51 7/8	91 1/2	36 1/2	32 3/4	5 3/4	19 3/8	3 1/4
or	10 cu. ft.	159 3/4	134 1/4	37	59 1/4	99	50 1/4	41 1/4	or	26 3/4	2
BE12-12	15 cu. ft.	159 3/4	134 1/4	39	63 1/4	103 1/4	58 1/4	47	11 3/4	30 3/4	1/2

* Minimum dimensions with discharge chute adjusted to 45 degrees

