


**Roller Conveyor**
**ASHLAND** CONVEYOR PRODUCTS

## Heavy-Duty Chain-Drive Powered Roller Conveyors

For moving heavy items such as pallets, drums, and bulk containers in manufacturing, distribution, and other dirty or oily applications. Each section has a bed of sprocketed rollers that engage with the drive chain to help prevent slipping. Steel frames.

Note: Roller spacing affects the size of the items that can be conveyed on it. The smallest item on the conveyor should be supported by at least three rollers at all times.

**Unpowered Extensions**—Connect with powered drive sections to create a complete conveyor system.

Overall Width	Between Frame Width	Overall Length	Roller Spacing	Maximum Load Capacity	Roller Dia.	DRIVE SECTION Item No.	UNPOWERED EXTENSION Item No.
34 in	27 in	5 ft	5 in	800 lb/ft	2 1/2 in	45VY55	45VY56
	27 in	10 ft	5 in	800 lb/ft	2 1/2 in	45VY53	45VY54
58 in	51 in	5 ft	5 in	800 lb/ft	2 1/2 in	45VY51	45VY52
	51 in	10 ft	5 in	800 lb/ft	2 1/2 in	45VY49	45VY50

**5VEJ4**

**BESTFLEX**

## Extendable Flexible-Frame Belt-Drive Powered Roller Conveyors

Conveyors help minimize the effort required to move loads with rimmed or uneven bottoms. Excellent for loading and unloading trailers, creating temporary assembly lines, and adding length to an existing conveyor. The accordion-style aluminum frames can stretch, curve, and contract to change length and shape, or collapse for compact storage. Rollers are self-tracking to ensure that items follow conveyor curves. Locking swivel casters allow units to be rolled into position.

Note: Roller spacing affects the size of the items that can be conveyed on it. The smallest item on the conveyor should be supported by at least 3 rollers at all times.

Overall Length	Roller Spacing	Maximum Load Capacity	Roller Dia.	24 in Item No.	30 in Item No.
12 ft	Up to 5 in	100 lb/ft	1 1/2 in	5YDF3	5VEJ1
24 ft	Up to 5 in	100 lb/ft	1 1/2 in	5YDF4	5VEJ2
36 ft	Up to 5 in	100 lb/ft	1 1/2 in	5YDF5	5VEJ3
48 ft	Up to 5 in	100 lb/ft	1 1/2 in	5YDF6	5VEJ4


**Rectangular Grate 34TA01**

**Round Grate 34TA09**

**Tube Magnet 34TA17**

## Magnetic Separators

High-strength magnets remove metal shavings and contamination from conveyors. They help prevent ferrous particles and parts from contaminating the product, causing damage in machinery downstream, and potentially creating a spark that could ignite explosive materials.

Ceramic magnets capture large ferrous contaminants such as nuts, bolts, or staples.

Rare earth magnets capture fine or weakly magnetic material such as rust or scale.

**Grate Magnets**—Made up of magnetic tubes arranged in a grid and welded into a frame. They drop into openings on steep-sloped hoppers, odd and irregularly shaped hoppers, floor openings, vertical closed chutes, and ducts. As bulk material falls through the grate during conveying, any ferrous particles and parts stick to the face of the magnetic tubes, removing them from the conveyed material.

**Tube Magnets**—Can be passed over bulk materials to attract and remove ferrous particles. Multiple tubes can be screwed onto stainless steel tie bars to create custom-configured grates. 1"-dia.

Overall Length	Overall Width	Item No.	CERAMIC Max. Magnetic Pull Strength	Item No.	RARE EARTH Max. Magnetic Pull Strength
<b>Rectangular Grate Magnets</b>					
6 in	6 in	34TA01	20 oz	34TA28	80 oz
	10 in	34TA03	20 oz	34TA30	80 oz
8 in	8 in	34TA02	20 oz	34TA29	80 oz
10 in	10 in	34TA04	20 oz	—	—
12 in	12 in	34TA06	20 oz	—	—
	16 in	34TA07	20 oz	34TA34	80 oz
14 in	14 in	34TA08	20 oz	—	—
Dia. (in.)	Item No.	CERAMIC Max. Magnetic Pull Strength	Item No.	RARE EARTH Max. Magnetic Pull Strength	
<b>Round Grate Magnets</b>					
6	34TA09	20 oz	34TA36	80 oz	
8	34TA10	20 oz	34TA37	80 oz	
10	—	—	34TA38	80 oz	
14	—	—	34TA40	80 oz	
16	—	—	34TA41	80 oz	
18	—	—	34TA42	80 oz	
20	34TA16	20 oz	34TA43	80 oz	
Overall Length	Tube Magnet Diameter	Item No.	CERAMIC Max. Magnetic Pull Strength	Item No.	RARE EARTH Max. Magnetic Pull Strength
<b>Tube Magnets</b>					
4 in	1 in	34TA17	20 oz	34TA44	80 oz
6 in	1 in	34TA18	20 oz	34TA45	80 oz
12 in	1 in	34TA21	20 oz	34TA48	80 oz
14 in	1 in	34TA22	20 oz	—	—
24 in	1 in	34TA27	20 oz	—	—