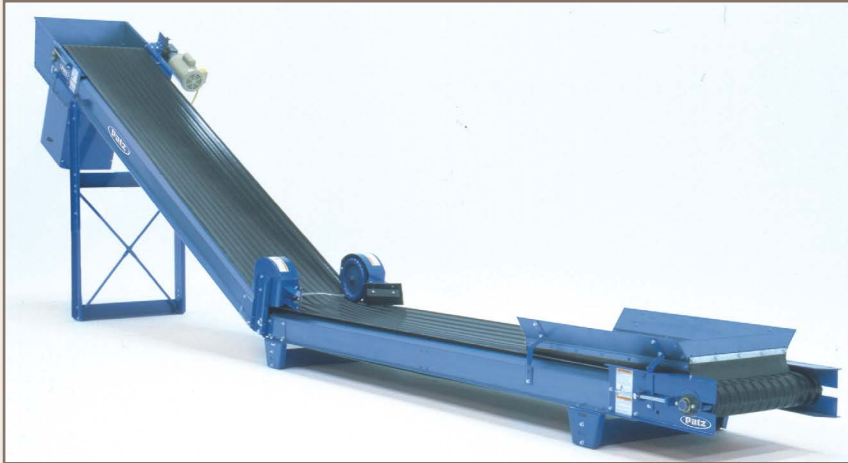




Since 1948

# 2405, 2410, & 3605 Belt Conveyors



**2405**

*Our Patz Belt Conveyors provide a wide variety of lengths, belt widths, and capacities for economical conveying of light-to-medium-density bulk materials.*



**2410**



**3605**

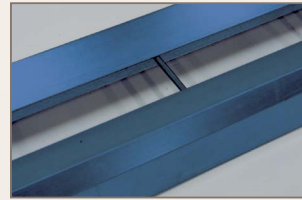
**High-Gloss Polyester Powder Coating**

**FLEXIBLE PAYMENT PLANS AVAILABLE. ASK FOR DETAILS.**



# Standard Features...

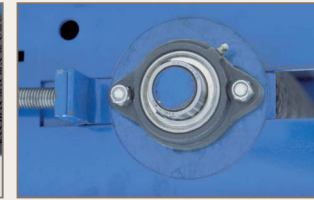
that benefit you day after day.



**Open pan design** provides trough for extra capacity and reduces belt friction for lower power requirements.



**Return wheels carry belt** on return bottom to reduce friction for longer belt life and less strain on the drive system.



**Precision bearings** are sealed and grease-able, ensuring a long-life and trouble-free, continuous duty.



**Convenient adjustment for belt tension** and tracking.

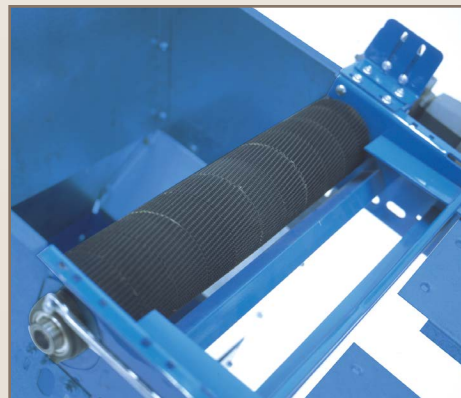


**High-gloss polyester powder coated steel** sections resists rust. The rugged, formed frame with bolt-together conveyor sections, is made of heavy-gauge steel for durability.

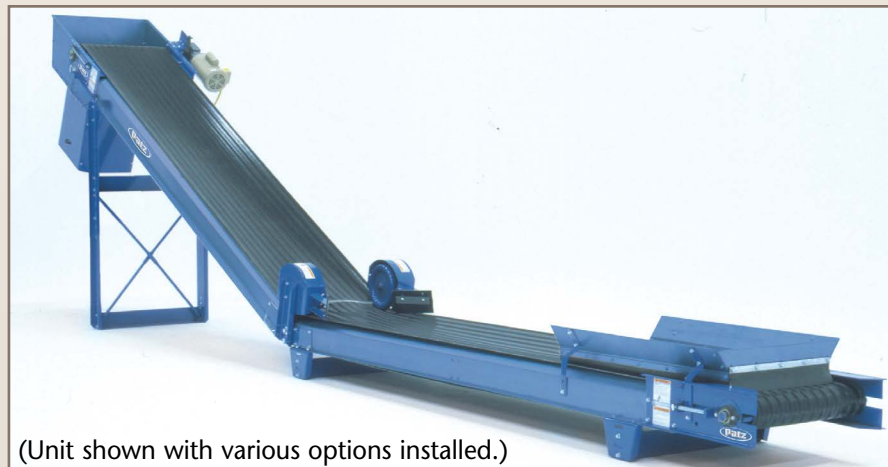
Unit	2405	2410	3605
<b>Belt Width</b>	24" (610 mm)	24" (610 mm)	36" (914 mm)
<b>Belt Speed</b>	Available in V-Belt or Direct Drive in speeds ranging from 65-370 FPM		
<b>Overall Lengths</b>	4' to 120' (1.219 m to 36.6 m)	4' to 200' (1.219 m to 60.9 m)	4' to 120' (1.219 m to 36.6 m)
	Note: 10' sections standard. 5' sections available. Can field cut to exact length for custom fit.		
<b>Full-load Capacity</b>	Up to 209 ft <sup>3</sup> /min (5.91 m <sup>3</sup> /min) or Up to 3,700 lbs/min (1678 kg/min)	Up to 136 ft <sup>3</sup> /min (3.85 m <sup>3</sup> /min) or Up to 2,400 lbs/min (1089 kg/min)	Up to 440 ft <sup>3</sup> /min (12.46 m <sup>3</sup> /min) or Up to 3,700 lbs/min (1678 kg/min)

## 2405

Turn profits with this reversible conveyor!



Heavy-duty steel drive pulley is 5" (127 mm) in diameter, crowned, and rubber lagged for positive nonslip traction.

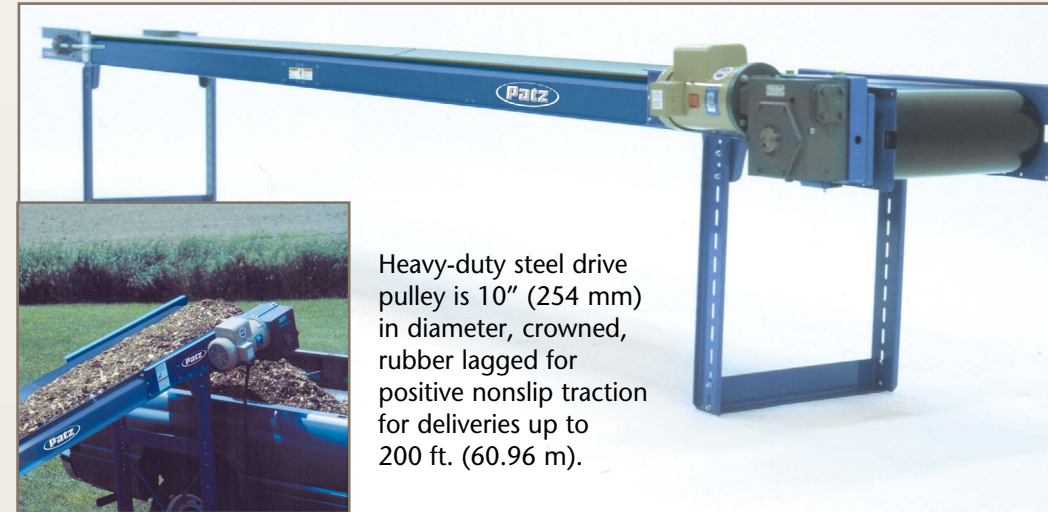


(Unit shown with various options installed.)

- Designed to move higher volumes of material.
- Deliver material exactly where you want with one-way or two-way conveying, adjustable elbow or straight-line conveying and plow-off.
- Move material at your choice of 4 belt speeds.

## 2410

Out measures them all!



Heavy-duty steel drive pulley is 10" (254 mm) in diameter, crowned, rubber lagged for positive nonslip traction for deliveries up to 200 ft. (60.96 m).

- Designed to move higher volumes of material.
- Deliver material exactly where you want with an adjustable elbow or straight-line conveying and plow-off.
- Move material at your choice of 3 belt speeds.

## 3605

Our widest belt conveyor!

Heavy-duty steel drive pulley is 5" (127 mm) in diameter, crowned, rubber lagged for positive nonslip traction.



(Unit shown with various options installed.)

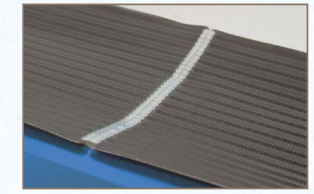
- Designed to move higher volumes of material.
- Move material at your choice of 4 belt speeds.

## Options...

for extra versatility.

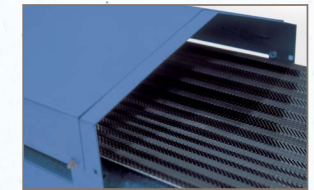


An **optional wiper** or powered brush (shown) belt wiper cleans the top surface of non-cleated belting.



**Choose from a variety of belts:**

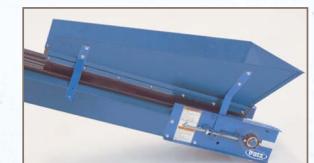
- PVC Smooth or Textured, Standard or Cold Temperature
- Rubber, Rufftop
- Neoprene, Rufftop
- Food Grade
- Cleated



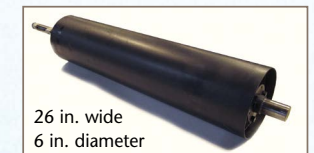
**Covers available** to protect material and conveyor from wind, rain and other contaminants.



**Elevate 0°-30° and then convey level** with an adjustable decline. Belt stays concave when passing over the elbow for maximum capacity.



The **loading hopper** controls material loading and helps prevent spillage.



**Magnetic pulley** captures and removes tramp metal from material flow. (Available on Model 2405 only.)



STANDARD Equipment		2405	2410	3605
<b>Overall Lengths</b>	10' (3.048) to 120' (36.576 m) in 10' (3.048 m) increments. 10' (3.048) to 200' (60.960 m) in 10' (3.048 m) increments. Maximum length of individual bed section is 10' (3.048 m); modular sections bolt together for lengths beyond 10' (3.048 m).	■	■	■
<b>Frame</b>	Concave open bed, formed 16 ga. powder coated steel. 6 ½" (165 mm) depth, 26 ¾" (679 mm) width. 6 ½" (165 mm) depth, 26 ¾" (679 mm) width.	■	■	■
<b>Belt Width</b>	24" (610 mm) 36" (914 mm)	■	■	■
<b>Belt</b>	None standard; order as optional equipment.	■	■	■
<b>Belt Speed</b>	370 ft/min (112.8 m/min), 260 ft/min (79.2 m/min), 130 ft/min (39.6 m/min). or 65 ft/min (19.8 m/min), depending on drive selected. 240 ft/min (73.15 m/min), 120 ft/min (36.57 m/min) or 95 ft/min (29 m/min), depending on drive selected.	■	■	■
<b>Drive Pulley</b>	5" (127 mm) dia., crowned, steel, rubber lagged. 10" (254 mm) dia., crowned, steel, rubber lagged.	■	■	■
<b>Tail Pulley</b>	5" (127 mm) dia., finned, steel.	■	■	■
<b>Bearings</b>	Long-life, sealed, prelubricated, greasable.	■	■	■
<b>Belt Take-up</b>	Screw-type take-up at tail pulley.	■	■	■
<b>Drive Mount</b>	None standard; order as optional equipment.	■	■	■
<b>Load Capacity</b>	Up to 209 ft <sup>3</sup> /min (5.91 m <sup>3</sup> /min), 3,700 lbs/min (1678 kg/min). Up to 136 ft <sup>3</sup> /min (3.85 m <sup>3</sup> /min), 2,400 lbs/min (1089 kg/min). Up to 440 ft <sup>3</sup> /min (12.46 m <sup>3</sup> /min), 3,700 lbs/min (1678 kg/min).	■	■	■
<b>Span</b>	Up to 20' (6.096 m) between supports.	■	■	■
<b>Color</b>	Blue high-gloss polyester powder coat.	■	■	■
<b>Electrical Controls</b>	Customer supplied, except optional equipment.	■	■	■
<b>Assembly</b>	Conveyor supplied unassembled.	■	■	■
OPTIONAL Equipment		2405	2410	3605
<b>Overall Lengths</b>	Conveyor lengths from 4' (1.219 m) to 200' (60.960 m) are possible.* Conveyor lengths from 4' (1.219 m) to 120' (36.576 m) are possible.* <i>*Intermediate lengths are possible by field cutting.</i>	■	■	■
<b>Belt</b>	Black, P.V.C. 120 COS, smooth or textured, standard & cold temp. Other belts available on request. Black, P.V.C. 120 COS, cleated for 10' (3.048 m) to 40 (12.192 m).	■	■	■
<b>Drive Motors</b>	1 to 3 HP, 1 Ph. or 3 Ph; hydraulic motor drive also available. 3 to 5 HP, 1 Ph. or 3 Ph.	■	■	■
<b>Conveyor Supports</b>	Supports and mounting hardware available.	■	■	■
<b>Covers</b>	16 ga. powder coated in 10' (3.048 m) lengths. 14 ga. powder coated in 10' (3.048 m) lengths.	■	■	■
<b>Loading Hoppers</b>	Funnels material into conveyor trough.	■	■	■
<b>End Spout</b>	Directs material discharge.	■	■	■
<b>Spout Extension</b>	Attaches to end spout.	■	■	■
<b>Belt Wipers</b>	Blade or brush types for cleaning top of belts.	■	■	■
<b>Adjustable Decline</b>	Adjust 0° to 30°.	■	■	■
<b>Adjustable Incline</b>	Adjust 0° to 30°	■	■	■
<b>Convey Sides</b>	Positions material and helps seal edges to prevent material under belt.	■	■	■
<b>Plow-Off</b>	Locate anywhere along the conveyor to plow off in one direction.	■	■	■
<b>Electrical Control</b>	Reversing drum switch.	■	■	■
<b>Magnetic Pulley</b>	Captures and removes tramp metal from material flow.	■	■	■



**CAUTION:** Never operate Patz equipment without all shields and guards in place. Safety is no accident. Before operating any piece of equipment, be sure to read and understand the operator's manual. This manual should be kept with the machine at all times. Additionally, make sure all safety shields and devices are functioning properly and are securely in place.



For some photos in this brochure, guards were removed for photographic purposes only to allow viewing of the equipment features. Before operating equipment, all guards must be in place. Because Patz continually improves and updates products, Patz reserves the right to change the construction of machines or attachments or any part thereof without incurring any obligation to make like changes on Patz machines, or attachments previously delivered. Specifications and prices subject to change without notice.

**Proven Performance You Can Count On!**  
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