



WOOD PROCESSING BELT CONVEYORS

Manufactured by Patz Corporation, a
Wisconsin-based, family-owned company



INVESTMENT FLEXIBILITY
Ask Dealer for Financing Options



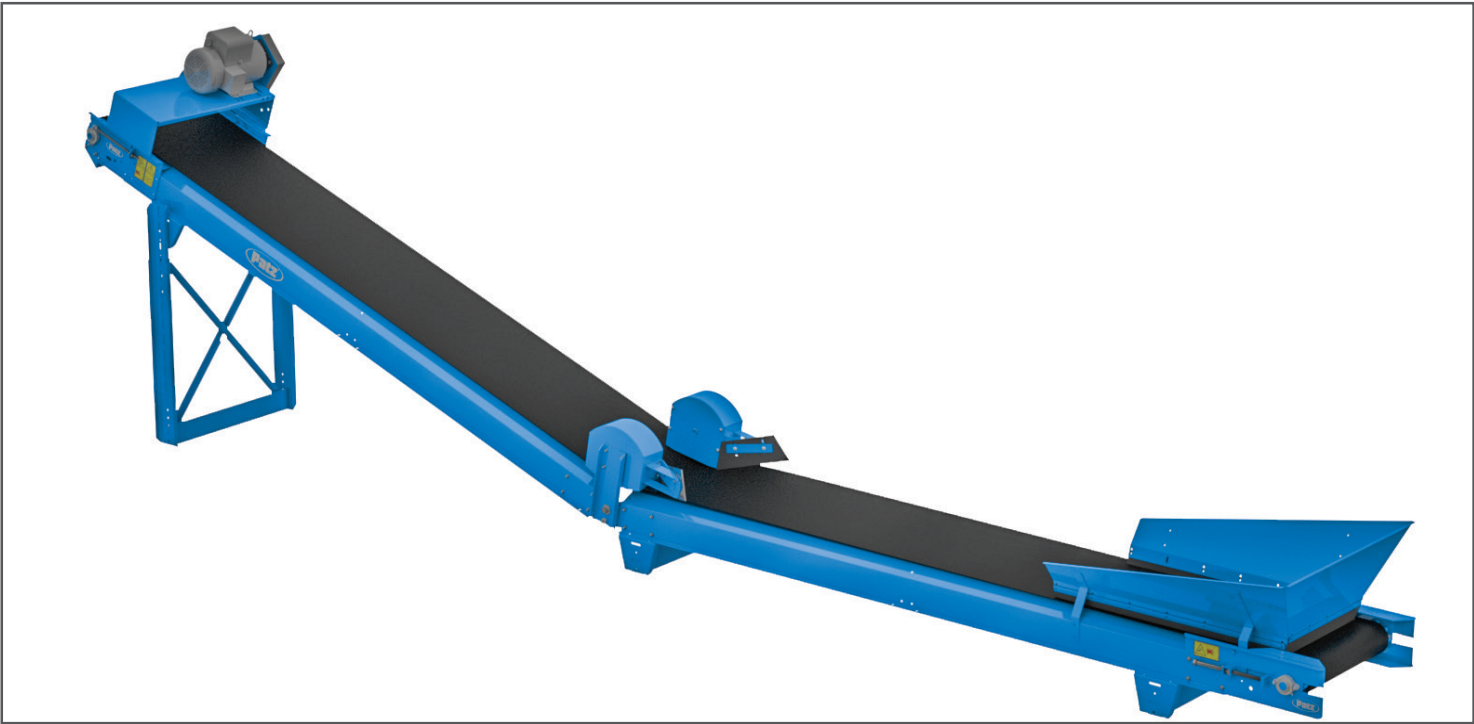


Choose a 12 to 36 inch Belt for Maximum Capacity!

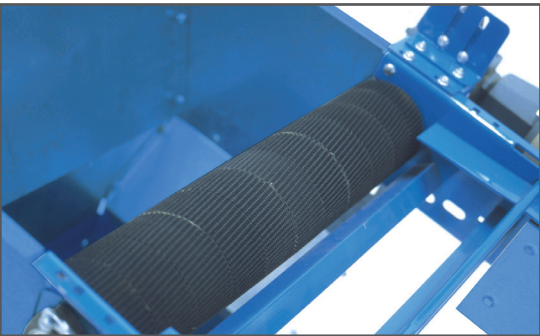
1205, 1605, 1608, 2405, 2410, & 3605

Patz Belt Conveyors are economically priced and offer exceptional performance and layout versatility with many valuable features. Adding options as needed provides a custom-built layout for your exact needs, saving you money.

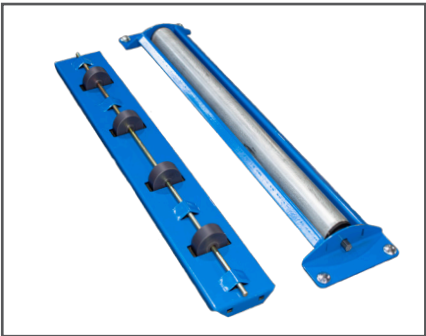
- Conveyors mount down the center or on wall sides, or can be ceiling mounted in barns/storage buildings
- Adjustable stands both support and couple conveyor sections for convenient installation
- Height adjusts easily
- Durable belt uses a proven alligator staple splice of stainless steel or a Clipper® or Hot Finger splice
- A take-up idler provides easy adjustment of belt tension and tracking



Customized lengths up to 400 feet (2410) 200 feet (1608), 120 feet (1205, 3605), and 100 feet (1605, 2405)



Heavy-Duty Steel drive pulley is 5 inches (127 mm) in diameter, crowned, and rubber lagged for positive nonslip traction



Return Wheels Carry Belt on return bottom to reduce friction for longer belt life and less strain on the drive system



Elevate Material and then Convey Level with an adjustable elbow. The belt stays concave with a deep trough when passing over the elbow for maximum capacity (shown with optional end hopper).



Double V-Belts or Direct Drive through a speed reducer (65 - 390 FPM)



Open-Pan Design provides deep trough for extra capacity and reduces belt friction for lower power requirements. Fin pulley helps avoid wood by-products buildup.

OPTIONS for Extra Versatility



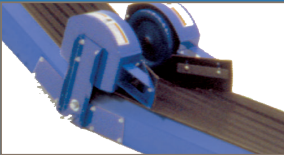
An **Optional Wiper** or powered brush (shown) belt wiper cleans the top surface of non-cleated belting



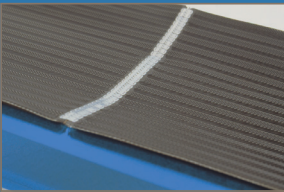
Elevate 0° - 30° and then Convey Level with an adjustable decline — Belt stays concave when passing over the elbow for maximum capacity



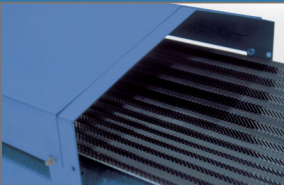
The **Loading Hopper** controls material loading and helps prevent spillage



Adjustable Incline permits horizontal conveying with maximum 30° incline — Available on 1605, 1608, 2405, and 2410 conveyors only



Cold Temperature or Standard Temperature Belts are available with a textured or smooth surface. A cleated belt is available for 1605, 2405, and 3605. The alligator or clipper splice is stainless steel.



Covers Available to protect material and conveyor from wind, rain and other contaminants

1205, 1605, 1608, 2405, 2410, & 3605 Belt Conveyors

UNIT	1205	1605	1608	2405	2410	3605			
Belt Width	12" (305 mm)	16" (406 mm)	16" (406 mm)	24" (609 mm)	24" (609 mm)	36" (914 mm)			
Belt Speed	V-Belt Drive: 370 FPM	V-Belt Drive: 370 FPM	—	V-Belt Drive: 370 FPM	—	V-Belt Drive: 370 FPM			
	Direct Drive: 260, 130, or 65 FPM	Direct Drive: 260, 130, or 65 FPM	Direct Drive: 390 or 260 FPM	Direct Drive: 340, 260, 130, or 65 FPM	Direct Drive: 325, 240, 120, or 95 FPM	Direct Drive: 340, 260, 130, or 65 FPM			
Overall Lengths	10' to 160' (3.048 m to 48.768 m)	10' to 120' (3.048 m to 36.576 m)	10' to 200' (3.048 m to 60.960 m)	10' to 120' (3.048 m to 36.576 m)	10' to 400' (3.048 m to 121.92 m)	10' to 120' (3.048 m to 36.576 m)			
	Note: 10' sections standard. 5' sections available. Can field cut to exact length for custom fit.								
Full-load Capacity	Up to 56 ft ³ /min (1.58 m ³ /min) or	Up to 90 ft ³ /min (2.55 m ³ /min) or	Up to 95 ft ³ /min (2.69 m ³ /min) or	Up to 209 ft ³ /min (5.91 m ³ /min) or	Up to 136 ft ³ /min (3.85m ³ /min) or	Up to 440 ft ³ /min (12.46 m ³ /min) or			
	Up to 3,700 lbs/min (1678 kg/min)	Up to 3,700 lbs/min (1678 kg/min)	Up to 3,900 lbs/min (1769 kg/min)	Up to 3,700 lbs/min (1678 kg/min)	Up to 2,400 lbs/min (1089 kg/min)	Up to 3,700 lbs/min (1678 kg/min)			
STANDARD Equipment				1205	1605	1608	2405	2410	3605
Frame	Concave open bed, formed 14 ga. powder coated steel. 6 ½" (165 mm) depth, 26 ¾" (679 mm) width. 6 ¾" (165 mm) depth, 26 ¾" (679 mm) width.			o	o	o	o	o	o
Belt	None standard; order as optional equipment.			o			o	o	o
Drive Pulley	5" (127 mm) dia., crowned, steel, rubber lagged. 8" (203 mm) dia., crowned, steel, rubber lagged. 10" (254 mm) dia., crowned, steel, rubber lagged.			o	o	o	o		o
Tail Pulley	5" (127 mm) dia., finned, steel.			o			o	o	o
Bearings	Long-life, sealed, prelubricated, greasable.			o			o	o	o
Belt Take-up	Screw-type take-up at tail pulley.			o			o	o	o
Drive Mount	None standard; order as optional equipment.			o			o	o	o
Span	Up to 20' (6.096 m) between supports.						o	o	o
Color	Blue high-gloss polyester powder coat.			o	o	o	o	o	o
Electrical Controls	Customer supplied, except optional equipment.			o	o	o	o	o	o
Assembly	Conveyor supplied unassembled.			o	o	o	o	o	o
OPTIONAL Equipment				1205	1605	1608	2405	2410	3605
Belt	Black, P.V.C. 120 COS, smooth or textured, standard & cold temp.			o	o	o	o	o	
	Black, P.V.C. 120 COS, cleated for 10' (3.048 m) to 40 (12.192 m).				o				o
Drive Motors	1 to 3 HP, 1 Ph. or 3 Ph; hydraulic motor drive also available.			o	o		o		o
	3 to 5 HP, 1 Ph. or 3 Ph.					o		o	
Conveyor Supports	Supports and mounting hardware available.			o	o	o	o	o	o
Covers	16 ga. powder coated in 10' (3.048 m) lengths.						o	o	
	14 ga. powder coated in 10' (3.048 m) lengths.								o
Loading Hoppers	Funnels material into conveyor trough.			o	o	o	o	o	o
End Spout	Directs material discharge.			o	o	o	o	o	o
Spout Extension	Attaches to end spout.						o	o	
Belt Wipers	Spring assist wiper blade or brush types for cleaning top of belts.			o	o	o	o	o	o
Adjustable Decline	Adjust 0° to 30°.			o	o	o	o	o	
Adjustable Incline	Adjust 0° to 30°				o	o	o	o	
Convey Sides	Positions material and helps seal edges to prevent material under belt.			o	o	o	o	o	o
Plow-Off	Locate anywhere along the conveyor to plow off in one direction.				o	o	o	o	
Electrical Control	Reversing drum switch.				o		o		
Magnetic Pulley	Captures and removes tramp metal from material flow.				o		o		



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. Specifications and prices subject to change without notice.

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.