



WOOD PROCESSING BELT CONVEYORS

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



INVESTMENT FLEXIBILITY
Ask Dealer for Financing Options



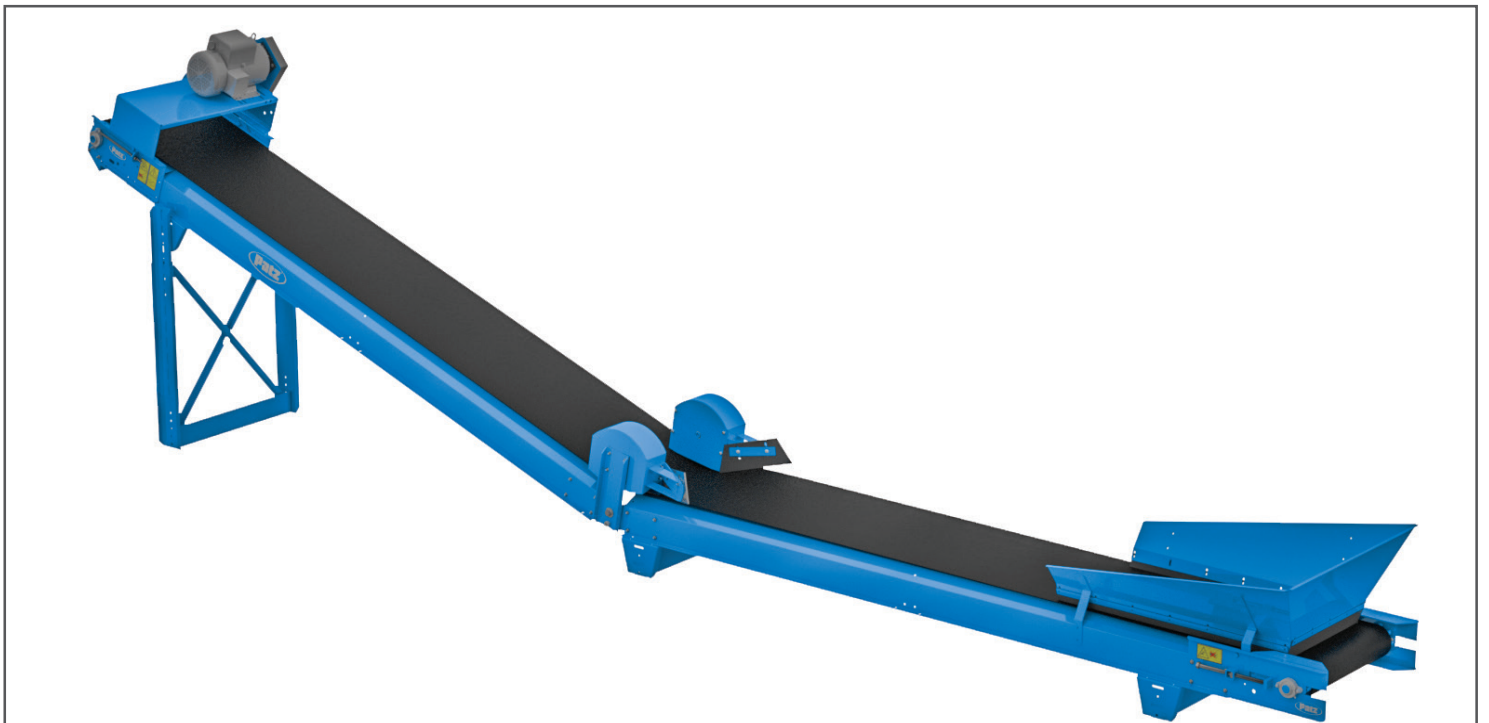


Choose a 12" - 36" Belt for Maximum Capacity!

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

Patz Belt Conveyors are economically priced, 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, on wall sides, or ceilings 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)



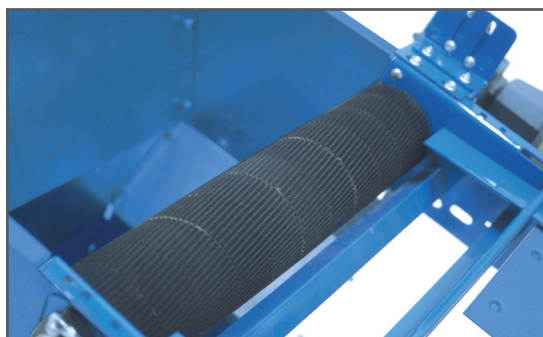
OPTIONS for Extra Versatility



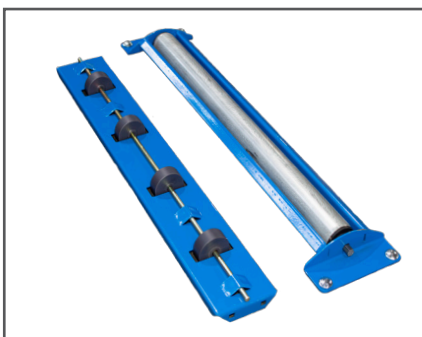
An **Optional Wiper** or powered brush (shown) belt wiper cleans the top surface of non-cleated belting



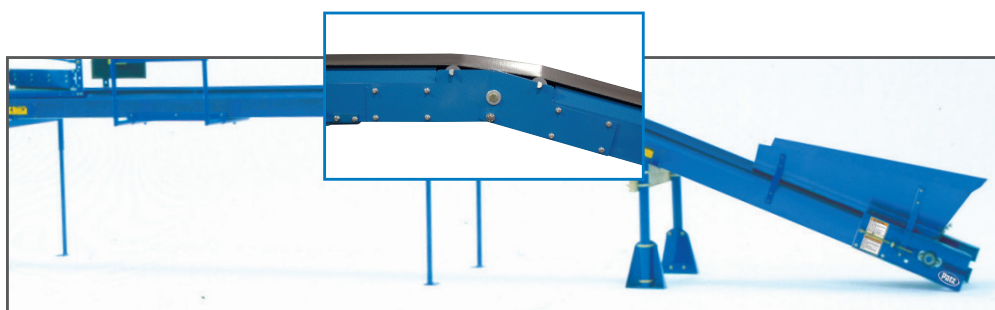
Elevate 0° - 30° and then Convey Level with an adjustable decline -Belt stays concave when passing over the elbow for maximum capacity



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



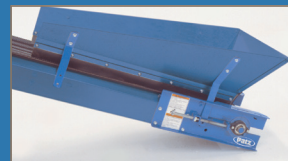
Elevate Material and then Convey Level with an adjustable elbow. The belt stays concave with a deep trough when passing over the elbow for maximum capacity (shown with optional end hopper).



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



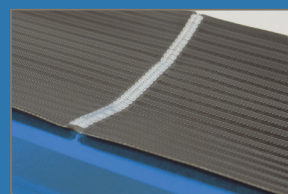
Open-Pan Design provides deep trough for extra capacity and reduces belt friction for lower power requirements. Fin pulley helps avoid wood by-products buildup.



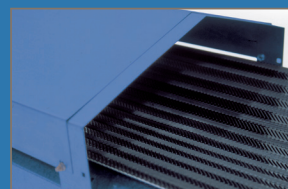
The **Loading Hopper** controls material loading and helps prevent spillage



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 SPECIFICATIONS

STANDARD Equipment	1205	1605	1608	2405	2410	2410
Overall Lengths Standard: 10' sections; 5' sections available. Field cut to exact lengths.	10' to 120' (3.048 m to 36.58 m)	10' to 100' (3.048 m to 30.45 m)	10' to 200' (3.048 m to 60.96 m)	10' to 100' (3.048 m to 30.45 m)	10' to 400' (3.048 m to 121.92 m)	10' to 120' (3.048 m to 36.58m)
Frame concave open bed, powder coated steel	16 ga. Depth: 6 ½" (165mm) Width: 12" (327mm)	16 ga. Depth: 6 ½" (165mm) Width: 17" (435mm)	16 ga. Depth: 6 ½" (165mm) Width: 17" (435mm)	14 ga. Depth: 6 ½" (165mm) Width: 26 ¾" (679mm)	14 ga. Depth: 6 ½" (165mm) Width: 26 ¾" (679mm)	14 ga. Depth: 6 ½" (165mm) Width: 26 ¾" (679mm)
Belt Width	12" (305 mm)	16" (406 mm)	16" (406 mm)	24" (609 mm)	24" (609 mm)	36" (914 mm)
Belt	Not a standard. Order as optional equipment.					
Belt Speed, V-Belt Drive	370 ft/min (112.8m/min)	370 ft/min (112.8m/min)	--	370 ft/min (112.8m/min)	--	370 ft/min (112.8m/min)
Belt Speed, Direct Drive	260 ft/min (79.2m/min) 130 ft/min (39.6m/min) 65 ft/min (19.8m/min)	260 ft/min (79.2m/min) 130 ft/min (39.6m/min) 65 ft/min (19.8m/min)	390 ft/min (118.9m/min) 260 ft/min (79.2m/min)	340 ft/min (xx.xm/min) 260 ft/min (79.2m/min) 130 ft/min (39.6m/min) 65 ft/min (19.8m/min)	325 ft/min (xx.xm/min) 240 ft/min (73.2m/min) 120 ft/min (36.6m/min) 95 ft/min (29.0m/min)	340 ft/min (xx.xm/min) 260 ft/min (79.2m/min) 130 ft/min (39.6m/min) 65 ft/min (19.8m/min)
Drive Pulley (diameter) Crowned, steel, rubber lagged	5" (127mm)	5" (127mm)	8" (203mm)	5" (127mm)	10" (254mm)	5" (127mm)
Tail Pulley (diameter) Finned, steel	5" (127mm)	5" (127mm)	5" (127mm)	5" (127mm)	5" (127mm)	5" (127mm)
Bearings Long-life, sealed, prelubricated, greasable	Idler & Drive End info?					
Belt Take-up	Screw-type take-up at tail pulley					
Drive Mount	Mount in various positions to match installation requirements.					
Load Capacity	<56 ft ³ /min (1.6m ³ /min) 3700 lb/min (1678 kg/min)	<90 ft ³ /min (3.9m ³ /min) 3700 lb/min (1678 kg/min)	<95 ft ³ /min (2.7m ³ /min) 3900 lb/min (1769kg/min)	<209 ft ³ /min (5.9m ³ /min) 3700 lb/min (1678 kg/min)	<136 ft ³ /min (3.9m ³ /min) 2400 lb/min (1089 kg/min)	<440 ft ³ /min (12.5m ³ /min) 3700 lb/min (1678 kg/min)
Span	< 20' (6.096m) between supports					
Color	Blue high-gloss polyester powder coat					
Electrical Controls	Customer supplied, except optional equipment					
Assembly	Conveyor supplied unassembled.					
OPTIONAL Equipment	1205	1205	1608	2405	2405	3605
Belt Black, PVC 120 COS	Smooth or textured; Standard or Cold Temp	Smooth or textured; Standard or Cold Temp	Smooth or textured; Standard or Cold Temp; Cleated 10'-40' (3.1-12.2m)	Smooth or textured; Standard or Cold Temp	Smooth or textured; Standard or Cold Temp	Cleated for 10'-40' (3.1 - 12.2m)
Drive Motors	1-3 HP, 1 or 3 phase; Hydraulic motor drive also available	1-3 HP, 1 or 3 phase; Hydraulic motor drive also available	3-5 HP, 1 or 3 phase	1-3 HP, 1 or 3 phase; Hydraulic motor drive also available	3-5 HP, 1 or 3 phase	1-3 HP, 1 or 3 phase; Hydraulic motor drive also available
Conveyor Supports	Supports and mounting hardware available					
Covers 10' (3.05m) lengths	--	--	--	16 ga. powder coated	16 ga. powder coated	14 ga. powder coated
Loading Hoppers	Material is funneled into conveyor trough					
End Spout	Directs material discharge					
Spout Extension				Attaches to end spout	Attaches to end spout	
Belt Wipers	Spring assist wiper blade or brush for cleaning top of belts					
Magnetic Pulley		Captures and removes tramp metal from flow		9.5 pt		
Adjustable Decline	0 - 30°	0 - 30°	0 - 30°	0 - 30°	0 - 30°	
Adjustable Incline		0 - 30°	0 - 30°	0 - 30°	0 - 30°	
Convey Sides	Positions material and seals edges to prevent material from getting under belt					
Plow-Off	--	Designate location on conveyor to plow-off in one direction				--
Electrical Control		Reversing drum switch		Reversing drum switch		
Magnetic Pulley		Captures & removes tramp metal		Captures & removes tramp metal		



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.