



1205, 1605, & 1608 BELT CONVEYORS



**SIMPLE, RELIABLE,
& FLEXIBLE**

- ✓ Customize Layout Based on Needs
- ✓ Economical
- ✓ Durable High-Gloss Polyester Powder Coating

INVESTMENT FLEXIBILITY

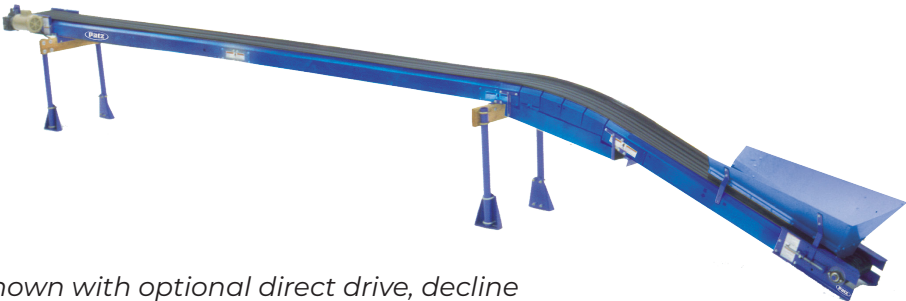
Ask Dealer for Financing Details



1205, 1605, & 1608 Belt Conveyors

MODELS

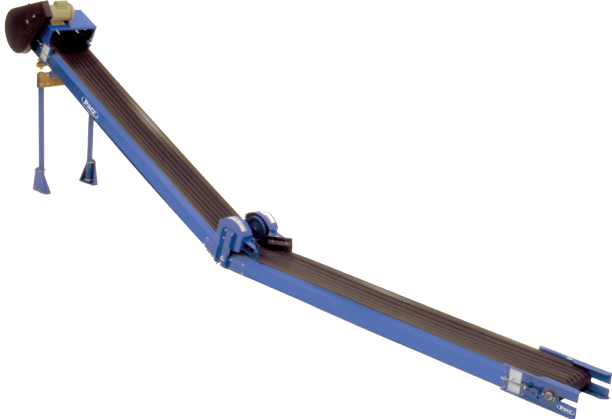
1205: ONE-WAY CONVEYING



Shown with optional direct drive, decline roller elbow, and loading hopper

- 4 Belt Speeds
- Adjustable decline or straight-line
- Optional end spout and loading hopper available

1605: ONE-WAY OR TWO-WAY CONVEYING



Shown with optional V-belt drive, incline elbow and stands

- 4 Belt Speeds
- Adjustable incline, decline or straight-line conveying and plow-off
- Reversible
- Optional V-belt drive, belt wiper, and stands available

1608: ONE-WAY CONVEYOR FOR LARGE VOLUMES



Shown with optional stands

- 2 Belt Speeds
- Heavy-duty 8” steel drive pulley is crowned and rubber lagged for positive traction
- Adjustable incline, decline or straight-line one-way conveying and plow-off
- Moves large volume and bulky materials
- Optional stands available

1205, 1605, & 1608 Belt Conveyors

FEATURES

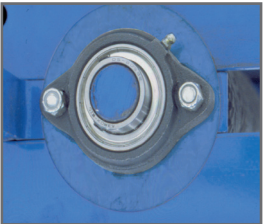
STANDARD FEATURES



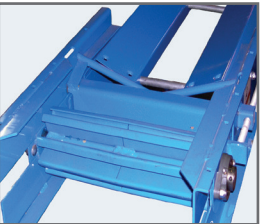
Open pan design provides extra capacity and reduces belt friction for lower power requirements. Reduces material buildup on pans for improved belt tracking.



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 greasable ensuring a long-life and trouble-free, continuous duty.

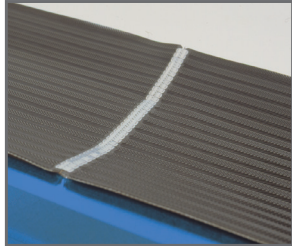


Convenient adjustment for belt tension and tracking. A 5/8” screw provides up to 20” of belt take-up. The pulley is finned for clean-out.



High-gloss polyester powder coated steel resists rust. The bolt-together conveyor sections are made of heavy-gauge steel for durability.

OPTIONAL FEATURES



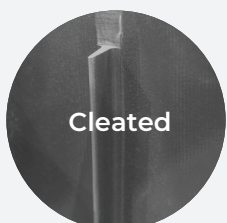
PVC Belting Options:



Smooth



Textured



Cleated

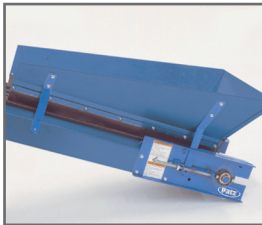
Standard or Low-Stretch, cold temperature belts are available with a textured or smooth surface. A cleated belt is available for 1605. The alligator or clipper splice is stainless steel.



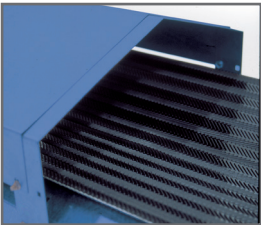
Adjustable 0 - 30° incline and decline. Belt stays concave when passing over the elbow for maximum capacity.
Note: 1605 & 1608 models only.



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



Loading hopper controls material loading and helps prevent spillage.



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

1205, 1605 & 1608 Belt Conveyors

SPECIFICATIONS

STANDARD Equipment	1205	1605	1608
Direction	One-way	Two-way	One-way
Overall Lengths Max length of individual bed section: 10' (3.05mm); Bolt sections together for lengths > 10' (3.05mm)	10' - 160' (3.05 - 48.77m) 10" (3.05m) increments	10' - 120' (3.05 - 36.58m) 10" (3.05m) increments	10' - 200' (3.05 - 60.96m) 10" (3.05m) increments
Frame concave open bed, formed 16 ga. powder coated steel	Depth: 6-1/2" (165mm) Width: 13" (330mm)	Depth: 6-1/2" (165mm) Width: 17" (435mm)	Depth: 6-1/2" (165mm) Width: 17" (435mm)
Belt Width	12" (305mm)	16" (406mm)	
Belt Black, PVC, 120 COS *ask about other options	Smooth or textured; Standard or cold temp		Smooth or textured; Standard or cold temp; Cleated; 10' - 40' (3.05 - 12.19m)
Belt Speed dependent on drive selected	65-370 FPM		260-390 FPM
Drive Pulley (diameter) Crowned, steel, rubber lagged	5" (127mm)		8" (203mm)
Tail Pulley (diameter) Finned, steel	5" (127mm)		
Bearings Long-life, sealed, prelubricated, greasable	1-1/4" (31.75mm) - Idler and Drive End		
Belt Take-up	Screw-type take-up at tail pulley		
Load Capacity	<56 ft ³ /min (1.58m ³ /min) 3700 lb/min (1678 kg/min)	<90 ft ³ /min (3.85m ³ /min) 3700 lb/min (1678 kg/min)	<95 ft ³ /min (2.69m ³ /min) 3900 lb/min (1769 kg/min)
Span	< 20' (6.096m) between supports		
Electrical Controls	Customer supplied, except optional equipment		
Assembly	Conveyor is shipped unassembled		
OPTIONAL Equipment	1205	1605	1608
Overall Lengths Intermediate lengths are possible by field cutting	4' - 160' (1.22 - 48.778m)	4' - 120' (1.22 - 36.58m)	4' - 200' (1.22 - 60.96m)
Drive Mount	Mount in various positions to match installation requirements		
Drive Motors	1-3 HP - 1 or 3 phase electric motor drive; Hydraulic motor drive also available		3 or 5 HP - 1 or 3 phase electric motor drive
Covers	10' (3.05m) lengths; 20 ga. powder coated		
Loading Hoppers	Material is funneled into conveyor trough		
End Spout	Directs material discharge		
Belt Wipers	Blade or brush for cleaning tops of belt		
Magnets	Ferrous metals are captured as it travels over the magnets		
Adjustable Decline	0 - 30°		
Adjustable Incline	n/a	0 - 30°	
Convey Sides	Positions material and seals edges to prevent material from getting under belt		
Plow-Off	n/a	Designate location on conveyor to plow-off in one direction	
Electrical Control	n/a	Reversing drum switch	n/a



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.