

1205, 1605 & 1608 Belt Conveyors

SPECIFICATIONS

STANDARD Equipment	1205	1605	1608
Direction	One-way	Two-way	One-way
Overall Lengths <i>Max length of individual bed section: 10' (3.05m); Bolt sections together for lengths > 10' (3.05m)</i>	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 <i>concave open bed, formed 16 ga. powder coated steel</i>	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 <i>Black, PVC, 120 COS *ask about other options</i>	Smooth or textured; Standard or cold temp		Smooth or textured; Standard or cold temp; Cleated; 10' - 40' (3.05 - 12.19m)
Belt Speed <i>dependent on drive selected</i>	65-370 FPM		260-390 FPM
Drive Pulley (diameter) <i>Crowned, steel, rubber lagged</i>	5" (127mm)		8" (203mm)
Tail Pulley (diameter) <i>Finned, steel</i>	5" (127mm)		
Bearings <i>Long-life, sealed, prelubricated, greasable</i>	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 <i>Intermediate lengths are possible by field cutting</i>	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.