

2405, 2410 & 3605 Belt Conveyors

SPECIFICATIONS

STANDARD Equipment	2405	2410	3605
Direction	Two-way	Two-way	One-way
Overall Lengths <i>Max length of individual bed section: 10' (3.05m); Bolt together for lengths > 10' 3.05m)</i>	10' - 120' (3.05 - 36.58m) 10" (3.05m) increments Reversible < 75'	10' - 400' (3.05 - 120.92m) 10" (3.05m) increments Reversible < 100'	10' - 120' (3.05 - 36.58m) 10" (3.05m) increments
Frame <i>concave open bed, formed 14 ga. powder coated steel</i>	Depth: 6 ½" (165mm) Width: 26 ¾" (679mm)	Depth: 6 ½" (165mm) Width: 26 ¾" (679mm)	Depth: 6 ½" (165mm) Width: 41 ¼" (1048mm)
Belt Width	24" (610mm)	24" (610mm)	36" (914mm)
Belt	Non-standard. Order as optional equipment.		
Belt Speed <i>dependent on drive selected</i>	370 ft/min (112.8m/min) 260 ft/min (79.2m/min) 130 ft/min (39.6m/min) 65 ft/min (19.8m/min)	240 ft/min (73.15m/min) 120 ft/min (36.57m/min) 95 ft/min (29m/min)	370 ft/min (112.8m/min) 260 ft/min (79.2m/min) 130 ft/min (39.6m/min) 65 ft/min (19.8m/min)
Drive Pulley (diameter) <i>Crowned, steel, rubber lagged</i>	5" (127mm)	10" (254mm)	5" (127mm)
Tail Pulley (diameter) <i>Finned, steel</i>	5" (127mm)	5" (127mm)	5" (127mm)
Bearings <i>Long-life, sealed, prelubricated, greasable</i>	1 ¼" (31.75mm) - Idler and Drive End	1 ¼" (31.75mm) - Idler and Drive End	1 ¼" (31.75mm) - Idler and Drive End
Belt Take-up	Screw-type take-up at tail pulley		
Drive Mount	Non-standard. Order as optional equipment.		
Load Capacity	<209 ft ³ /min (5.91m ³ /min) 3700 lb/min (1678 kg/min)	<136 ft ³ /min (3.85m ³ /min) 2400 lb/min (1089 kg/min)	<440 ft ³ /min (12.46m ³ /min) 3700 lb/min (1678 kg/min)
Span	< 20' (6.096m) between supports		
Electrical Controls	Customer supplied, except optional equipment		
Assembly	Conveyor is shipped unassembled		
OPTIONAL Equipment	2405	2410	3605
Overall Lengths <i>Intermediate lengths are possible by field cutting</i>	4' - 120' (1.22 - 36.58m)	4' - 400' (1.22 - 120.92m)	4' - 120' (1.22 - 36.58m)
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 for 10' - 40' (3.05 - 12.19m)
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	1-3 HP, 1 or 3 phase electric motor drive; Hydraulic motor drive also available
Conveyor Supports	Supports and mounting hardware available		
Covers	10' (3.05m) lengths; 16 ga. powder coated	10' (3.05m) lengths; 16 ga. powder coated	10' (3.05m) lengths; 14 ga. powder coated
Loading Hoppers	Material is funneled into conveyor trough		
End Spout	Directs material discharge		
Spout Extension	Attached to end spout		
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°	0 - 30°	
Adjustable Incline	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		
Magnetic Pulley	Captures and removes tramp metal from 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.