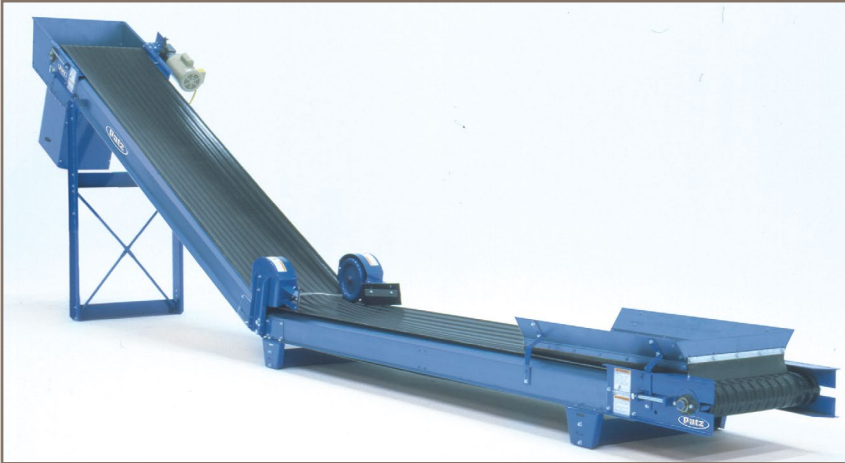




Since 1948

2405, 2410, & 3605 Belt Conveyors



2405

Our Patz Belt Conveyors provide a wide variety of lengths, belt widths, and capacities for economical conveying of light-to-medium-density bulk materials.



2410



3605

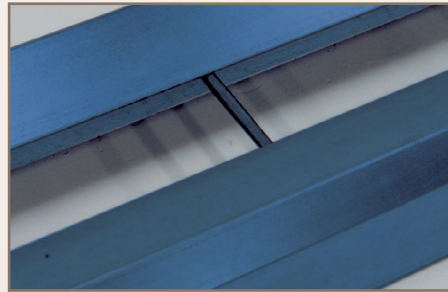
**High-Gloss
Polyester Powder
Coating**

**FLEXIBLE PAYMENT
PLANS AVAILABLE.
ASK FOR DETAILS.**



Standard Features...

that benefit you day after day.



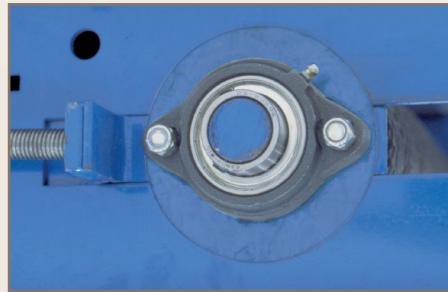
Open pan design provides trough for extra capacity and reduces belt friction for lower power requirements.



Return wheels carry belt on return bottom to reduce friction for longer belt life and less strain on the drive system. Heavy duty return wheels are available for longer run time.



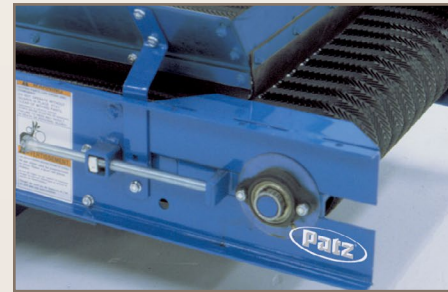
Covers available to protect material and conveyor from wind, rain, and other contaminants.



Precision bearings are sealed and greasable, ensuring a long-life and trouble-free, continuous duty.



The high-gloss polyester powder coated steel sections resists rust. The rugged, formed frame with bolt-together conveyor sections, is made of heavy-gauge steel for durability.



Note the convenient adjustment for belt tension and tracking.



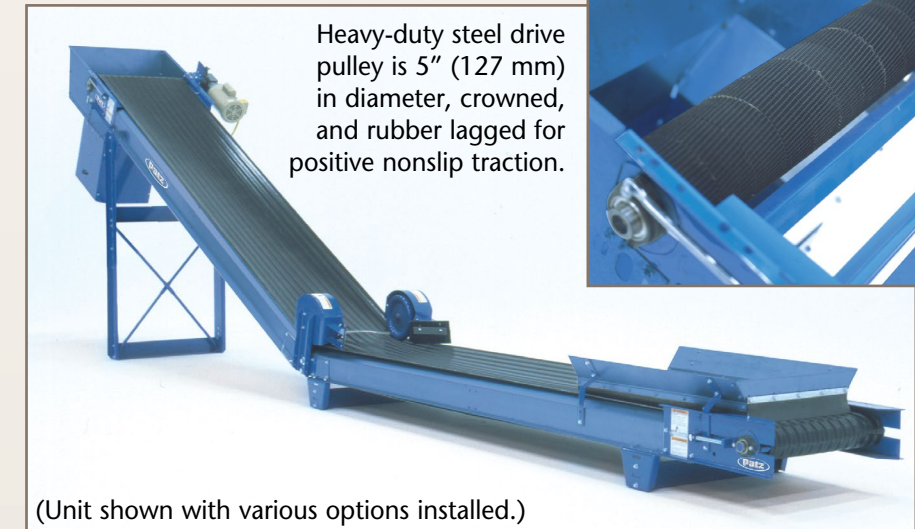
2405

Specification Table

Overall Lengths		Bed Lengths	
ft.	m	ft.	m
12' 5"	3.785	10'	3.048
22' 5"	6.833	20'	6.096
32' 5"	9.881	30'	9.144
42' 5"	12.929	40'	12.192
52' 5"	15.977	50'	15.240
62' 5"	19.025	60'	18.288
72' 5"	22.073	70'	21.336
82' 5"	25.121	80'	24.384
92' 5"	28.169	90'	27.432
102' 5"	31.217	100'	30.480
112' 5"	34.265	110'	33.528
122' 5"	37.313	120'	36.576

Weights available upon request.

Note: Sections can be field cut to exact lengths for custom fit.



(Unit shown with various options installed.)

Heavy-duty steel drive pulley is 5" (127 mm) in diameter, crowned, and rubber lagged for positive nonslip traction.

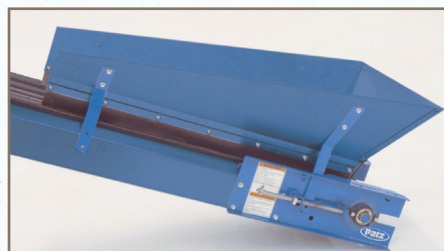
- Designed to move higher volumes of material.
- Deliver material exactly where you want with one-way or two-way conveying, adjustable elbow or straight-line conveying and plow-off.
- Move material at your choice of 4 belt speeds.

Optional Features...

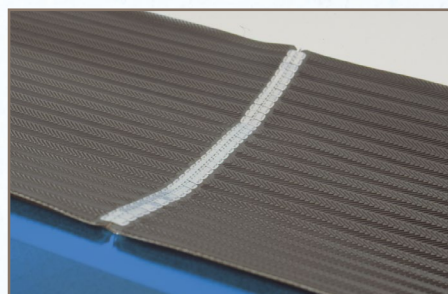
for extra versatility.



An optional powered brush belt wiper cleans the top surface of the belt.



The loading hopper controls material loading and helps prevent spillage.



Choose from a variety of belts:

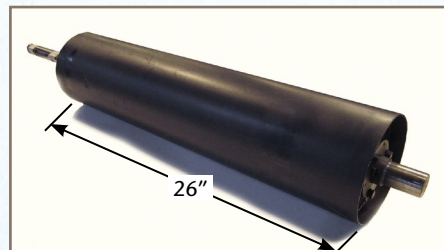
- PVC Smooth or Textured, Standard or Cold Temperature
- Rubber, Rufftop
- Neoprene, Rufftop
- Food Grade

A cleated belt is available for Models 2405 and 3605.

Choice of stainless steel splices available on all belting.



Elevate 0°-30° and then convey level with an adjustable elbow. Belt stays concave when passing over the elbow for maximum capacity.



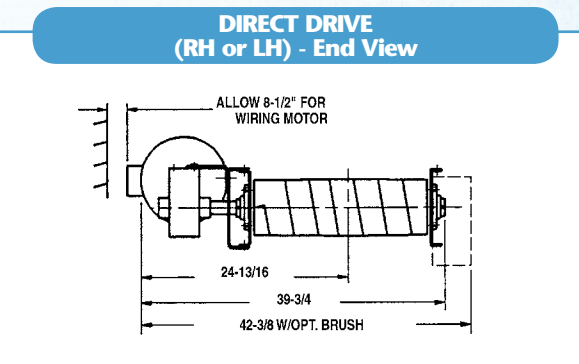
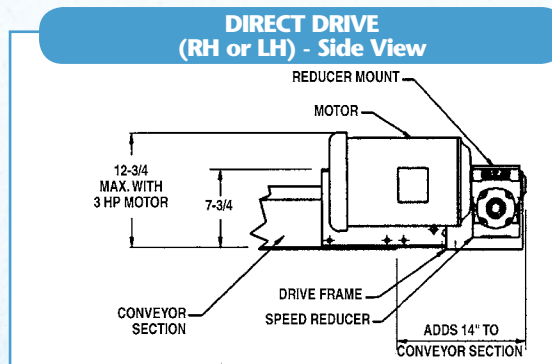
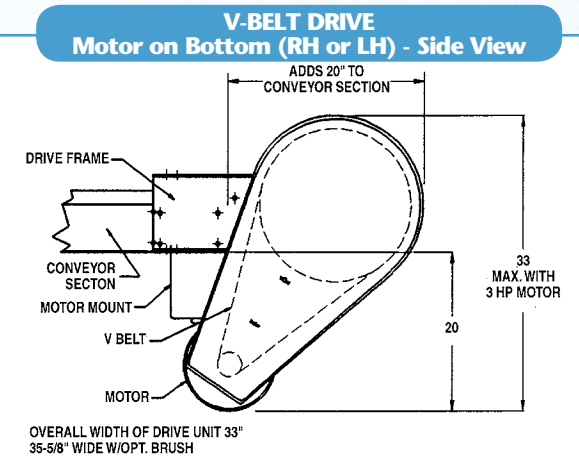
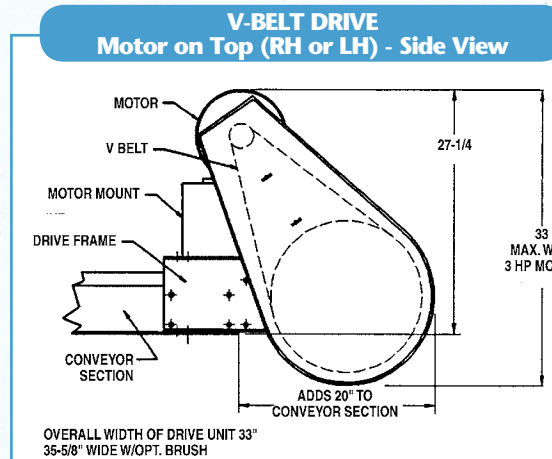
Magnetic pulley captures and removes tramp metal from material flow. (Available on Model 2405 only.)

Belt Width: 24" (610 mm)

Overall Lengths: 4' to 120' (1.219 m to 36.576 m)

Full Load Capacity:

- Up to 209 ft³/min (5.91 m³/min) or
- Up to 3,700 lbs/min (1678 kg/min)



2410

Specification Table

Overall Lengths		Bed Lengths	
ft.	m	ft.	m
15' 3"	4.648	10'	3.048
25' 3"	7.696	20'	6.096
35' 3"	10.744	30'	9.144
45' 3"	13.792	40'	12.192
55' 3"	16.840	50'	15.240
65' 3"	19.888	60'	18.288
75' 3"	22.936	70'	21.336
85' 3"	25.984	80'	24.384
95' 3"	29.032	90'	27.432
105' 3"	32.080	100'	30.480
115' 3"	35.128	110'	33.528
125' 3"	38.176	120'	36.576
135' 3"	41.224	130'	39.624
145' 3"	44.272	140'	42.672
155' 3"	47.320	150'	45.720
165' 3"	50.368	160'	48.768
175' 3"	53.416	170'	51.816
185' 3"	56.464	180'	54.864
195' 3"	59.512	190'	57.912
205' 3"	62.560	200'	60.960

Weights available upon request.

Note: Sections can be field cut to exact lengths for custom fit.



Heavy-duty steel drive pulley is 10" (254 mm) in diameter, crowned, rubber lagged for positive nonslip traction for deliveries up to 200 ft. (60.96 m).

- Designed to move higher volumes of material.
- Deliver material exactly where you want with an adjustable elbow or straight-line conveying and plow-off.
- Move material at your choice of 3 belt speeds.

Belt Width: 24" (610 mm)

Overall Lengths: 4' to 200' (1.219 m to 60.960 m)

Full Load Capacity:

- Up to 136 ft³/min (3.85 m³/min) or
- Up to 2,400 lbs/min (1089 kg/min)



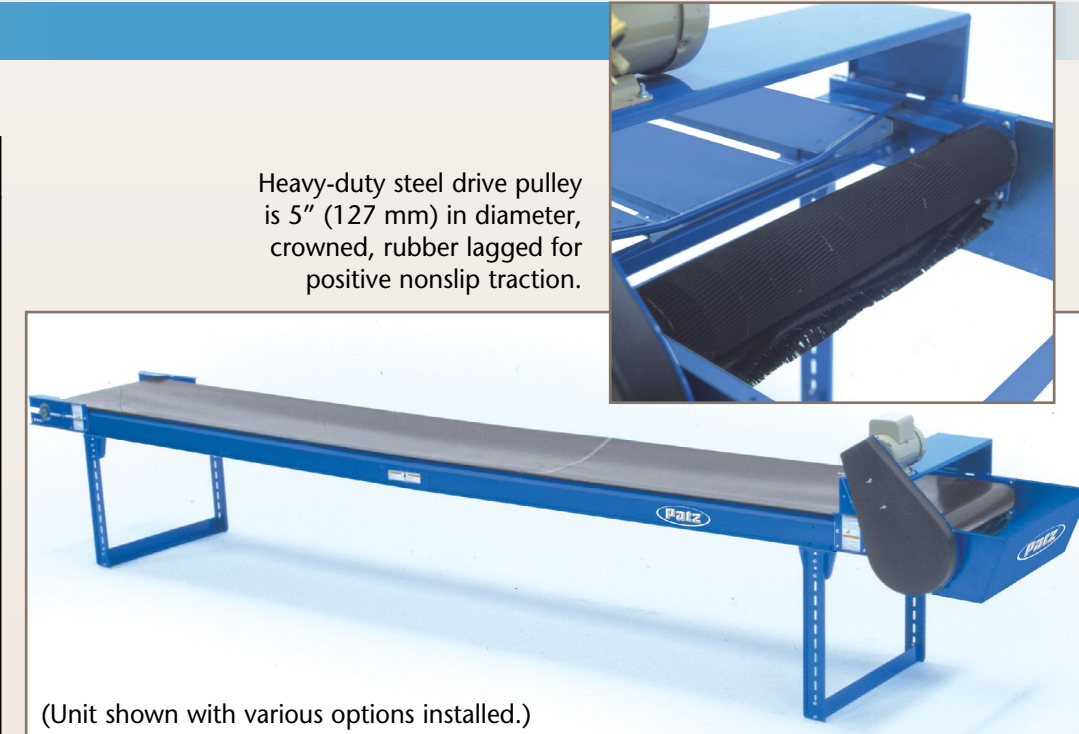
3605

Specification Table

Overall Lengths		Bed Lengths	
ft.	m	ft.	m
12' 5"	3.785	10'	3.048
22' 5"	6.833	20'	6.096
32' 5"	9.881	30'	9.144
42' 5"	12.929	40'	12.192
52' 5"	15.977	50'	15.240
62' 5"	19.025	60'	18.288
72' 5"	22.073	70'	21.336
82' 5"	25.121	80'	24.384
92' 5"	28.169	90'	27.432
102' 5"	31.217	100'	30.480
112' 5"	34.265	110'	33.528
122' 5"	37.313	120'	36.576

Weights available upon request.

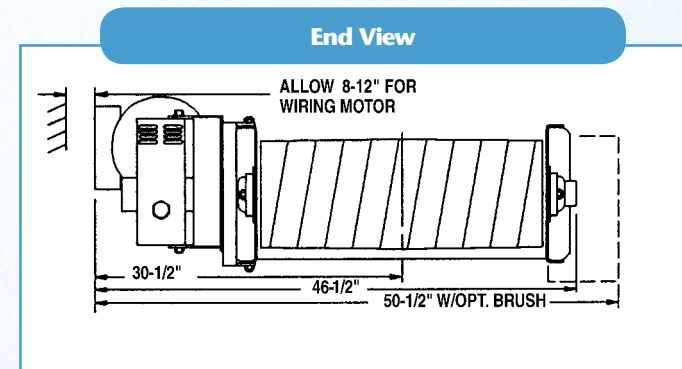
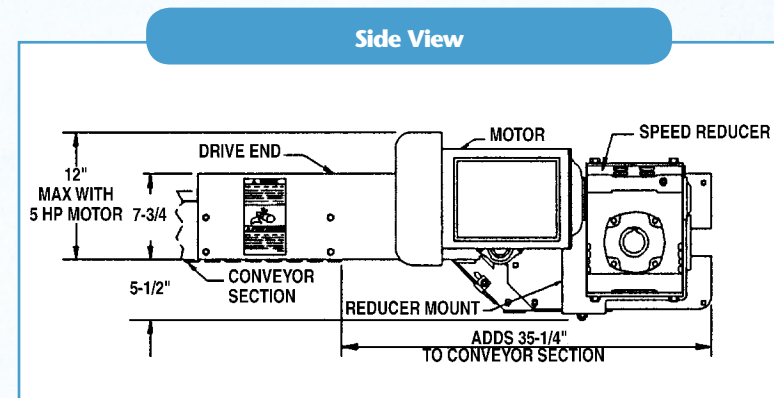
Note: Sections can be field cut to exact lengths for custom fit.



Heavy-duty steel drive pulley is 5" (127 mm) in diameter, crowned, rubber lagged for positive nonslip traction.

(Unit shown with various options installed.)

- Designed to move higher volumes of material.
- Move material at your choice of 4 belt speeds.

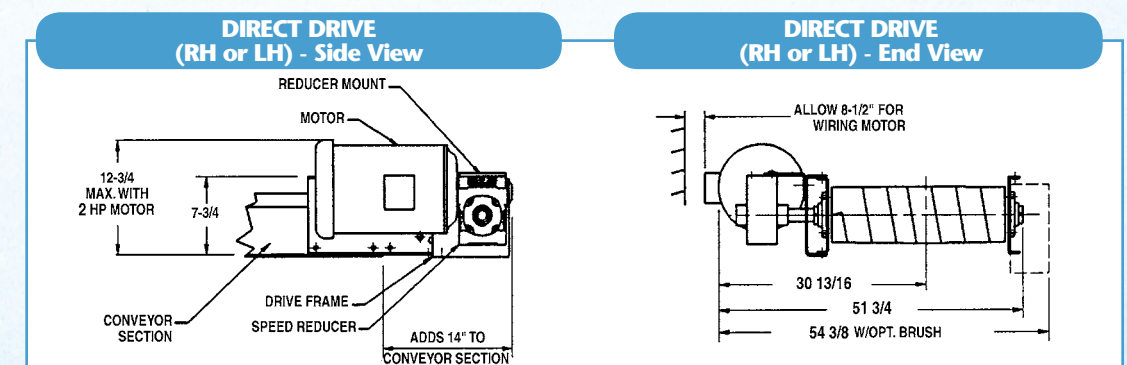
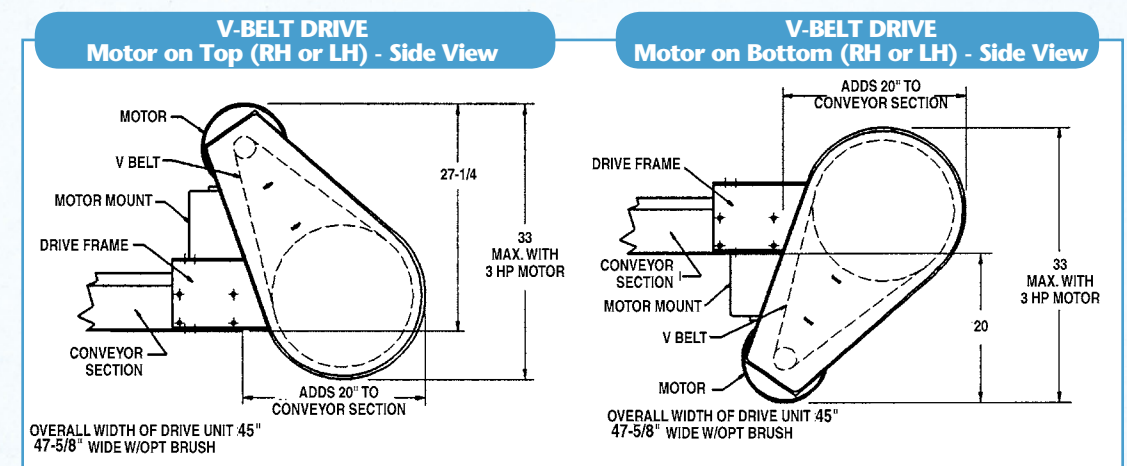


Belt Width: 36" (914 mm)

Overall Lengths: 4' to 120' (1.219 m to 36.576 m)

Full Load Capacity:

- Up to 440 ft³/min (12.46 m³/min) or
- Up to 3,700 lbs/min (1678 kg/min)



STANDARD Equipment		2405	2410	3605
Overall Lengths	10' (3.048) to 120' (36.576 m) in 10' (3.048 m) increments.	■		■
	10' (3.048) to 200' (60.960 m) in 10' (3.048 m) increments. Maximum length of individual bed section is 10' (3.048 m); modular sections bolt together for lengths beyond 10' (3.048 m).	■	■	■
Frame	Concave open bed, formed 16 ga. powder coated steel.	■	■	■
	6 1/2" (165 mm) depth, 26 3/4" (679 mm) width. 6 1/2" (165 mm) depth, 26 3/4" (679 mm) width.	■	■	■
Belt Width	24" (610 mm)	■	■	
	36" (914 mm)			■
Belt	None standard; order as optional equipment.	■	■	■
Belt Speed	370 ft/min (112.8 m/min), 260 ft/min (79.2 m/min), 130 ft/min (39.6 m/min). or 65 ft/min (19.8 m/min), depending on drive selected.	■		■
	240 ft/min (73.15 m/min), 120 ft/min (36.57 m/min) or 95 ft/min (29 m/min), depending on drive selected.		■	
Drive Pulley	5" (127 mm) dia., crowned, steel, rubber lagged.	■		■
	10" (254 mm) dia., crowned, steel, rubber lagged.		■	
Tail Pulley	5" (127 mm) dia., finned, steel.	■	■	■
Bearings	Long-life, sealed, prelubricated, greasable.	■	■	■
Belt Take-up	Screw-type take-up at tail pulley.	■	■	■
Drive Mount	None standard; order as optional equipment.	■	■	■
Load Capacity	Up to 209 ft ³ /min (5.91 m ³ /min), 3,700 lbs/min (1678 kg/min).	■		
	Up to 136 ft ³ /min (3.85 m ³ /min), 2,400 lbs/min (1089 kg/min).		■	
	Up to 440 ft ³ /min (12.46 m ³ /min), 3,700 lbs/min (1678 kg/min).			■
Span	Up to 20' (6.096 m) between supports.	■	■	■
Color	Blue high-gloss polyester powder coat.	■	■	■
Electrical Controls	Customer supplied, except optional equipment.	■	■	■
Assembly	Conveyor supplied unassembled.	■	■	■
OPTIONAL Equipment		2405	2410	3605
Overall Lengths	Conveyor lengths from 4' (1.219 m) to 200' (60.960 m) are possible.*		■	
	Conveyor lengths from 4' (1.219 m) to 120' (36.576 m) are possible.* <i>*Intermediate lengths are possible by field cutting.</i>	■		■
Belt	Black, P.V.C. 120 COS, smooth or textured, standard & cold temp. Other belts available on request.	■	■	
	Black, P.V.C. 120 COS, cleated for 10' (3.048 m) to 40 (12.192 m).			■
Drive Motors	1 to 3 HP, 1 Ph. or 3 Ph; hydraulic motor drive also available.	■		■
	3 to 5 HP, 1 Ph. or 3 Ph.		■	
Conveyor Supports	Supports and mounting hardware available.	■	■	■
Covers	16 ga. powder coated in 10' (3.048 m) lengths.	■	■	
	14 ga. powder coated in 10' (3.048 m) lengths.			■
Loading Hoppers	Funnels material into conveyor trough.	■	■	■
End Spout	Directs material discharge.	■	■	■
Spout Extension	Attaches to end spout.	■	■	■
Belt Wipers	Blade or brush types for cleaning top of belts.	■	■	■
Adjustable Decline	Adjust 0° to 30°.	■	■	
Adjustable Incline	Adjust 0° to 30°	■	■	
Convey Sides	Positions material and helps seal edges to prevent material under belt.	■	■	■
Plow-Off	Locate anywhere along the conveyor to plow off in one direction.	■	■	
Electrical Control	Reversing drum switch.	■		
Magnetic Pulley	Captures and removes tramp metal from material 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.

Proven Performance You Can Count On!
Patz Corporation
 917 Business 141, POB 7 • Pound, Wisconsin 54161-0007
 Ph: (920) 897-2251 • Fax: (920) 897-2142
 www.patzcorp.com • info@patzcorp.com

