



Since 1948

8912, 8916, & 1608 Belt Conveyors

**For economical conveying
of light-to-medium-density
bulk materials.**



(Unit shown with optional decline and stands.)

8912

**Choose from a wide
variety of:**

- conveyor lengths
- belt widths
- belt speeds
- full load capacities



(Unit shown with optional incline and stands.)

8916



(Unit shown with optional stands.)

1608

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





8912

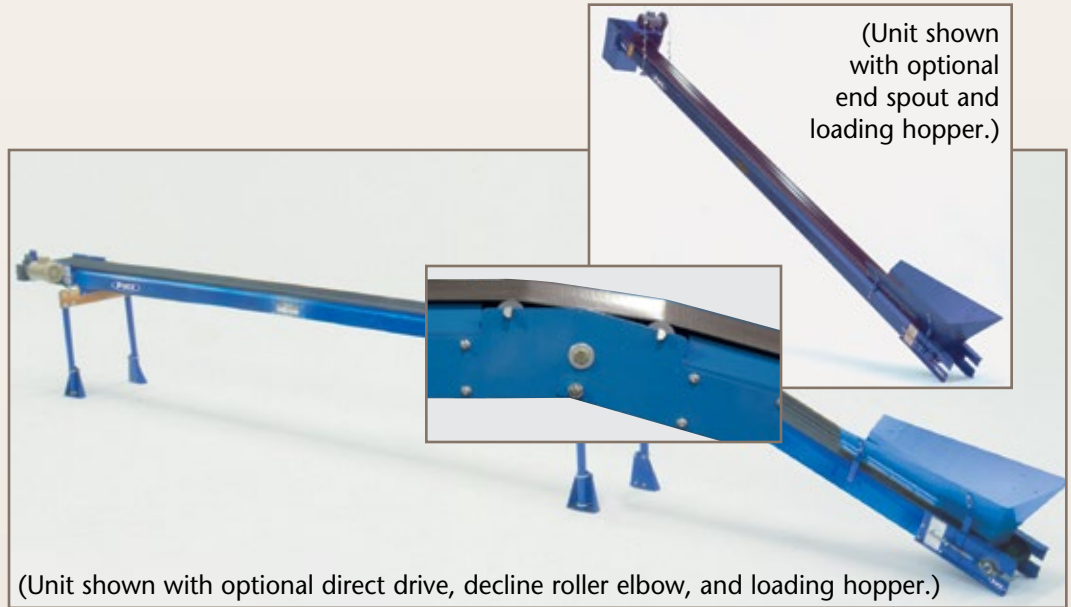
Providing versatility with one-way conveying!

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
132' 5"	40.361	130'	39.624
142' 5"	43.409	140'	42.672
152' 5"	46.457	150'	45.720
162' 5"	49.505	160'	48.768

Weights available upon request.

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



- Move material exactly where you want with one-way conveying with adjustable decline or straight-line one-way conveying.
- Move material at your choice of 4 belt speeds.

Belt Width: 12" (305 mm)

Belt Speed:

- V-Belt Drive: 370 RPM
- Direct Drive: 260, 130, or 65 RPM

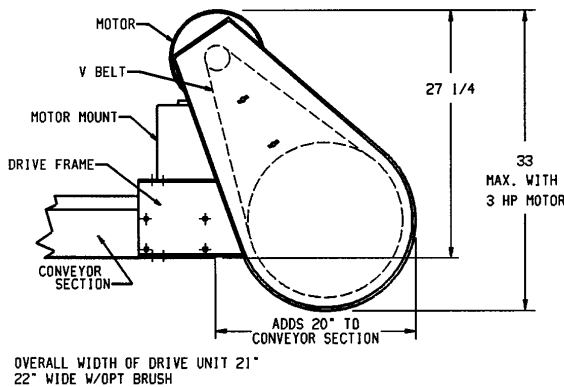
Overall Lengths: 4' to 160' (1.219 m to 48.768 m)

Note: 10' sections standard. Can field cut to exact length for custom fit.

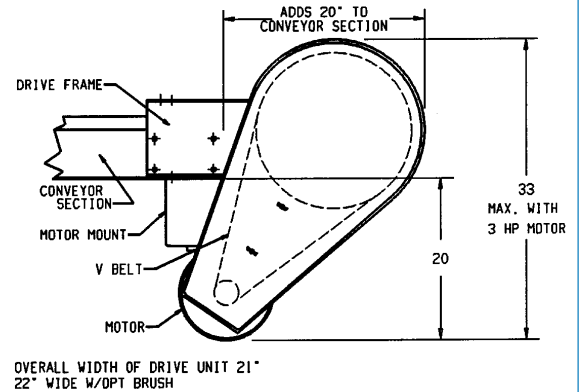
Full Load Capacity:

- Up to 56 ft³/min (1.58 m³/min) or
- Up to 3,700 lbs/min (1678 kg/min)

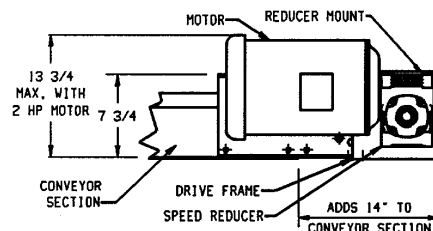
V-BELT DRIVE Motor on Top (RH or LH) - Side View



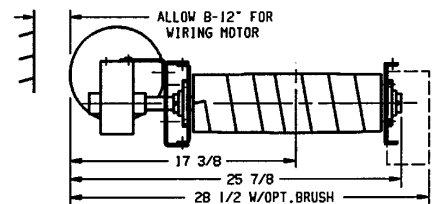
V-BELT DRIVE Motor on Bottom (RH or LH) - Side View



DIRECT DRIVE (RH or LH) - Side View



DIRECT DRIVE (RH or LH) - End View



8916

Move your materials where you want at the speed you need!

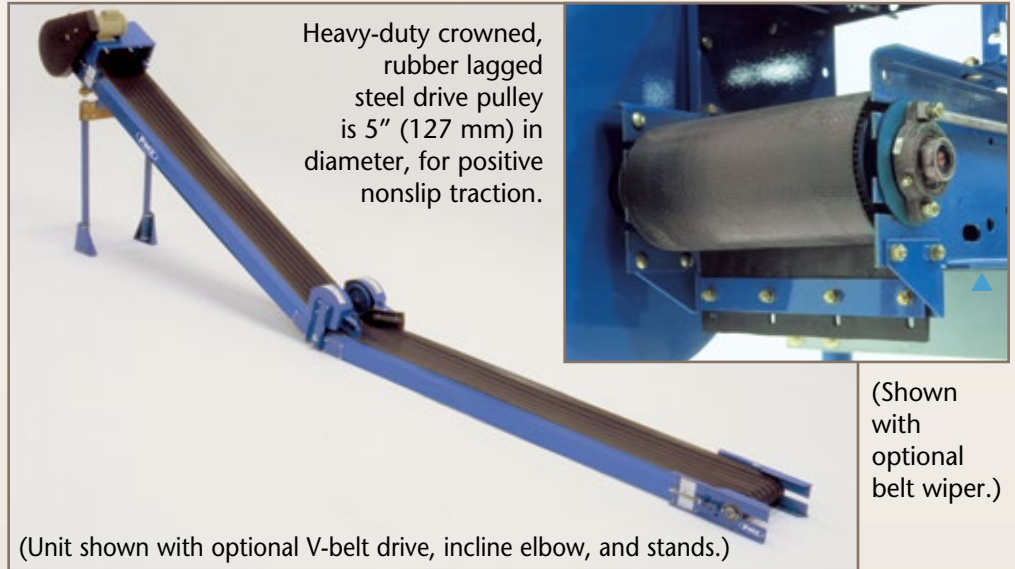
Specification Table

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.

The 8916 is also reversible.



(Shown with optional belt wiper.)

- Move 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.

Belt Width: 16" (406 mm)

Belt Speed:

- V-Belt Drive: 370 RPM
- Direct Drive: 260, 130, or 65 RPM

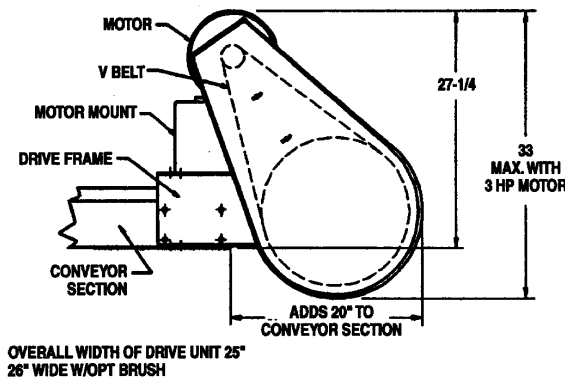
Overall Lengths: 4' to 120' (1.219 m to 36.576 m)

Note: 10' sections standard. Can field cut to exact length for custom fit.

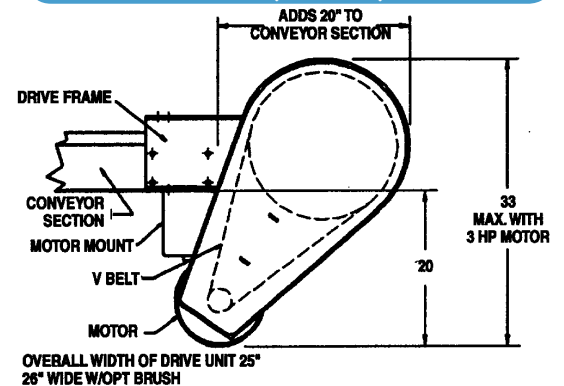
Full Load Capacity:

- Up to 90 ft³/min (2.55 m³/min) or
- Up to 3,700 lbs/min (1678 kg/min)

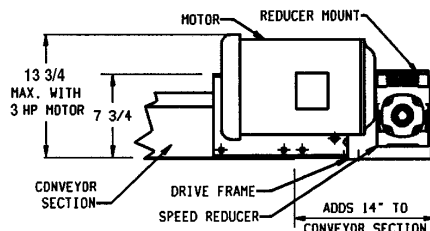
V-BELT DRIVE Motor on Top (RH or LH) - Side View



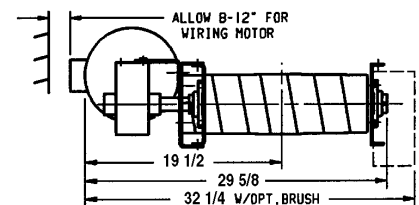
V-BELT DRIVE Motor on Bottom (RH or LH) - Side View



DIRECT DRIVE (RH or LH) - Side View



DIRECT DRIVE (RH or LH) - End View



1608

A large conveyor to handle larger volumes!

Specification Table

Overall Lengths		Bed Lengths	
ft.	m	ft.	m
12'	3.658	10'	3.048
22'	6.706	20'	6.096
32'	9.754	30'	9.144
42'	12.802	40'	12.192
52'	15.850	50'	15.240
62'	18.898	60'	18.288
72'	21.946	70'	21.336
82'	24.994	80'	24.384
92'	28.042	90'	27.432
102'	31.090	100'	30.480
112'	34.138	110'	33.528
122'	37.186	120'	36.576
132'	40.234	130'	39.624
142'	43.282	140'	42.672
152'	46.330	150'	45.720
162'	49.378	160'	48.768
172'	52.426	170'	51.816
182'	55.474	180'	54.864
192'	58.522	190'	57.912
202'	61.570	200'	60.960

Weights available upon request.

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

Belt Width: 16" (406 mm)

Belt Speed:

- Direct Drive:
390 or 260 RPM

Overall Lengths: 10' to 200'
(3.048 m to 60.960 m)

Note: 10' sections standard.
Can field cut to exact length
for custom fit.

Full Load Capacity:

- Up to 95 ft³/min
(2.69 m³/min) or
- Up to 3,900 lbs/min
(1769 kg/min)

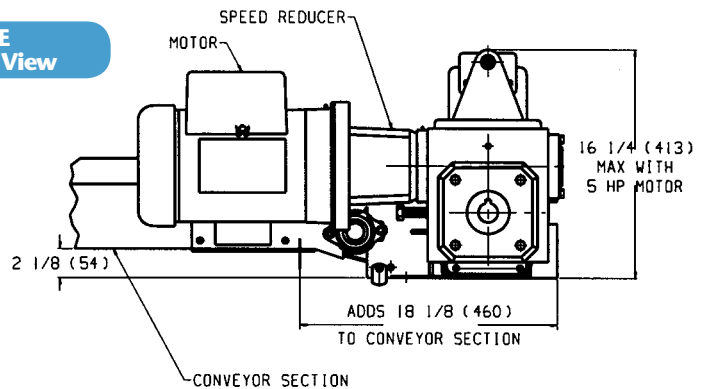
The heavy-duty 8-inch steel drive pulley is crowned and rubber lagged for positive traction.



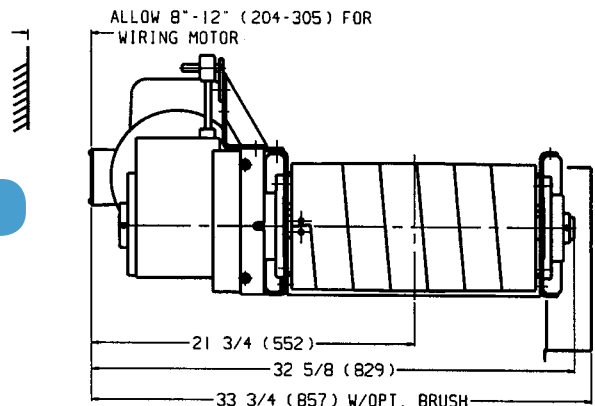
(Unit shown with optional stands.)

- Move grain, sawdust, forage, chips, and other bulky materials.
- Move material exactly where you want with one-way conveying, adjustable elbow or straight-line conveying, and plow-off.
- Move material at your choice of 2 belt speeds.

DIRECT DRIVE (RH or LH) - Side View



DIRECT DRIVE (RH or LH) - End View

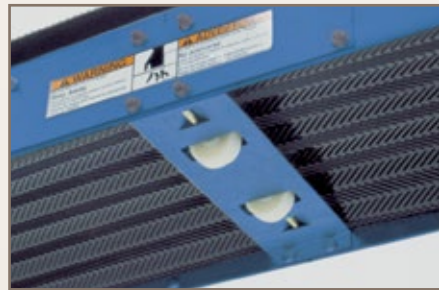


Standard Features...

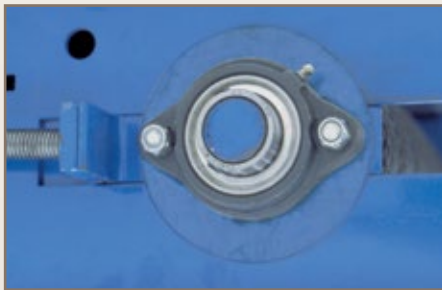
that benefit you day after day.



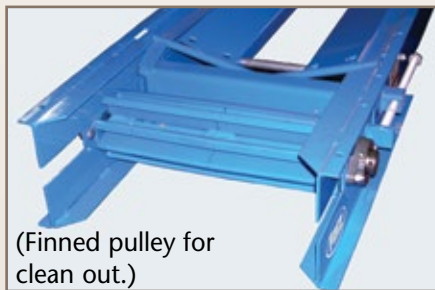
Open pan design provides trough for extra capacity and reduces belt friction for lower power requirements. Reduces material buildup on pans for improved belt tracking.



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.



(Finned pulley for clean out.)

Note the convenient adjustment for belt tension and tracking. A 5/8" screw provides up to 20-inches of belt take-up.



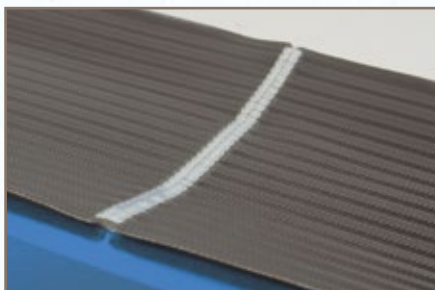
The high-gloss polyester powder coated steel sections resists rust. The rugged, formed steel frame with bolt-together conveyor sections, is made of heavy-gauge steel for durability.

Optional Features...

for extra versatility.



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



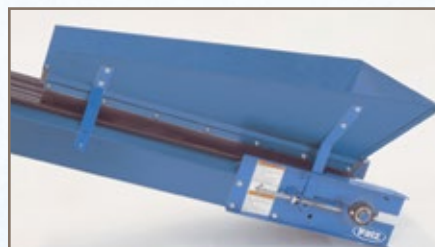
Cold temperature or standard temperature belts are available with a textured or smooth surface. A cleated belt is available for 8916. The alligator or clipper splice is stainless steel.



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



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



The loading hopper controls material loading and helps prevent spillage.



Adjustable incline permits horizontal conveying with maximum 30° incline. Available on 8916 and 1608 Conveyors only.

STANDARD Equipment		8912	8916	1608
Overall Lengths	10' (3.048) to 120' (36.576 m) in 10' (3.048 m) increments.		■	
	10' (3.048) to 160' (48.768 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 ½" (165 mm) depth, 12 ⅞" (327 mm) width.	■		
	6 ½" (165 mm) depth, 17 ⅞" (435 mm) width.		■	■
Belt Width	12" (305 mm)	■		
	16" (406 mm)		■	■
Belt	Choose from various belt choices to match environment and material conveyed.	■	■	■
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.	■	■	
	390 ft/min (118.9 m/min), 260 ft/min (79.2 m/min), depending on drive selected.			■
Drive Pulley	5" (127 mm) dia., crowned, steel, rubber lagged.	■	■	
	8" (203 mm) dia., crowned, steel, rubber lagged.			■
Tail Pulley	5" (127 mm) dia., finned, steel.	■	■	
Bearings	Long-life, sealed, prelubricated, greasable.	■	■	■
	1 ¼" bearing on idler and drive end.	■	■	
	1 ¼" bearing on idler; 1 ½" bearing on drive end.			■
Belt Take-up	Screw-type take-up at tail pulley.	■	■	■
Load Capacity	Up to 56 ft³/min (1.58 m³/min), 3,700 lbs/min (1678 kg/min).	■		
	Up to 90 ft³/min (2.55 m³/min), 3,700 lbs/min (1678 kg/min).		■	
	Up to 95 ft³/min (2.69 m³/min), 3,900 lbs/min (1769 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		8912	8916	1608
Overall Lengths	Conveyor lengths from 4' (1.219 m) to 200' (60.960 m) are possible.*			■
	Conveyor lengths from 4' (1.219 m) to 160' (48.768 m) are possible.*	■		
	Conveyor lengths from 4' (1.219 m) to 120' (36.576 m) are possible.*		■	
	*Intermediate lengths are possible by field cutting.			
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 Mount	Mount in various positions to match installation requirements.	■	■	■
Drive Motors	1 to 3 HP, 1 Ph. or 3 Ph. electric motor drive; hydraulic motor drive also available.	■	■	
	3 HP or 5 HP, 1 Ph. or 3 Ph. electric motor drive.			■
Conveyor Supports	Supports and mounting hardware available.	■	■	■
Covers	20 ga. powder coated in 10' (3.048 m) lengths.	■	■	■
Loading Hoppers	Funnels material into conveyor trough.	■	■	■
End Spout	Directs material discharge.	■	■	■
Belt Wipers	Blade or brush types for cleaning top of belts.	■	■	■
Magnets	Remove ferrous metals as the material slides over magnets.	■	■	■
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.		■	



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.

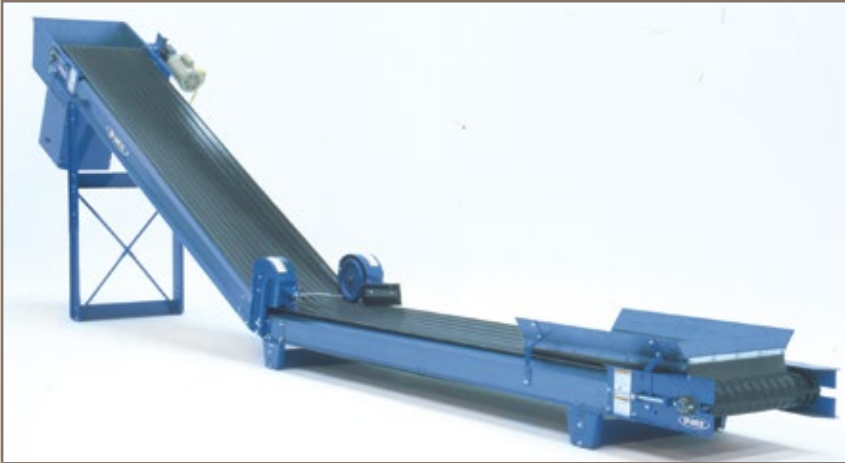
Proven Performance You Can Count On!
Patz Corporation
 917 Business 141, POB 7 • Pound, Wisconsin 54161-0007
 Ph: (920) 897-2251 • Fax: (920) 897-2142
 www.patzcorp.com • info@patzcorp.com





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

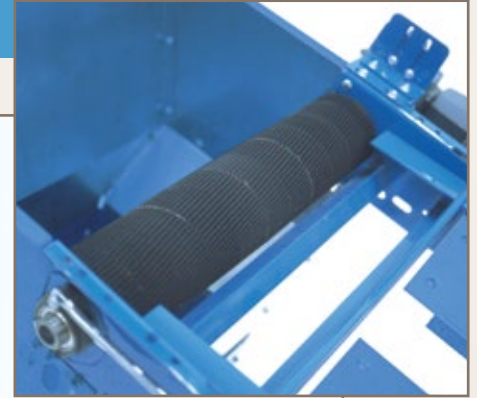
**High-Gloss
Polyester Powder
Coating**

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

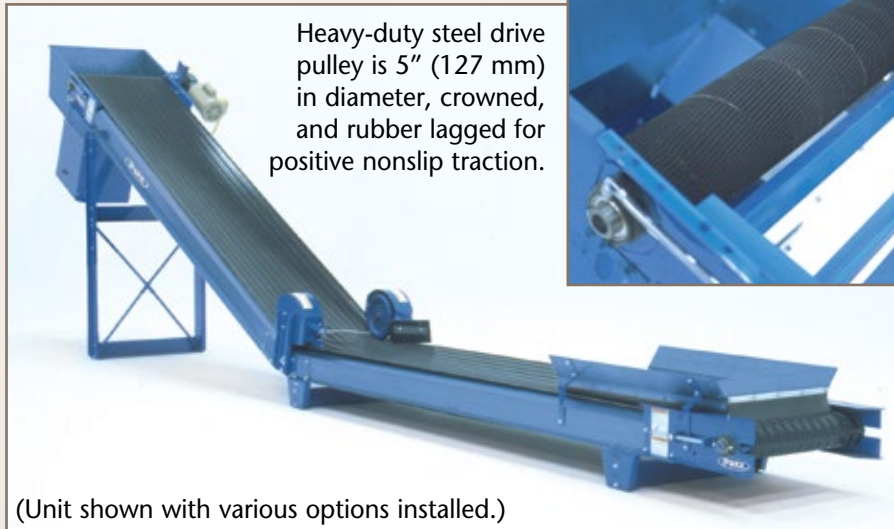




2405



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



(Unit shown with various options installed.)

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.

- *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.*

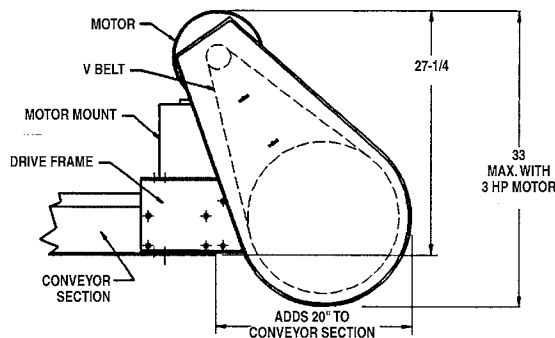
Belt Width: 24" (610 mm)

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

Full Load Capacity:

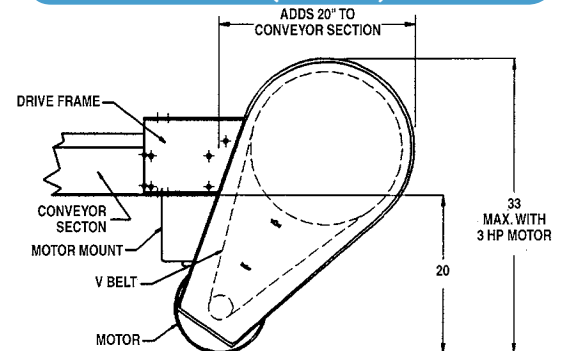
- Up to 209 ft³/min (5.91 m³/min) or
- Up to 3,700 lbs/min (1678 kg/min)

V-BELT DRIVE Motor on Top (RH or LH) - Side View



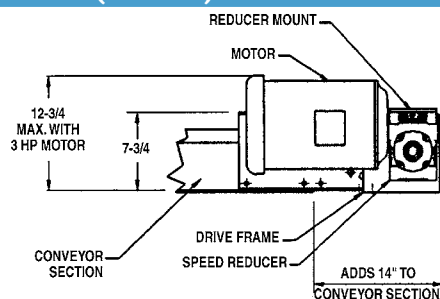
OVERALL WIDTH OF DRIVE UNIT 33"
35-5/8" WIDE W/OPT. BRUSH

V-BELT DRIVE Motor on Bottom (RH or LH) - Side View

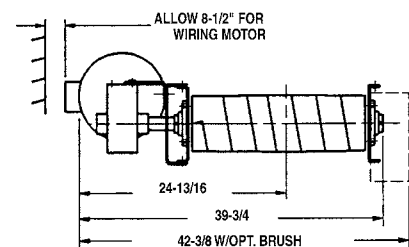


OVERALL WIDTH OF DRIVE UNIT 33"
35-5/8" WIDE W/OPT. BRUSH

DIRECT DRIVE (RH or LH) - Side View



DIRECT DRIVE (RH or LH) - End View



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.

Belt Width: 24" (610 mm)

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

Full Load Capacity:

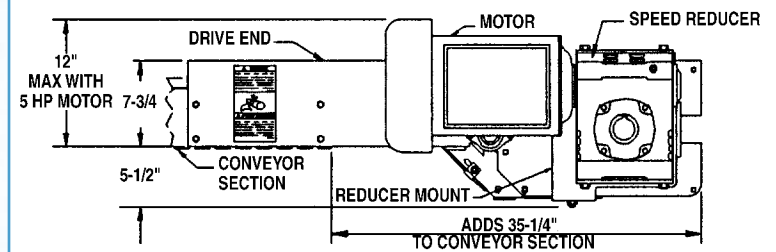
- Up to 136 ft³/min (3.85 m³/min) or
- Up to 2,400 lbs/min (1089 kg/min)



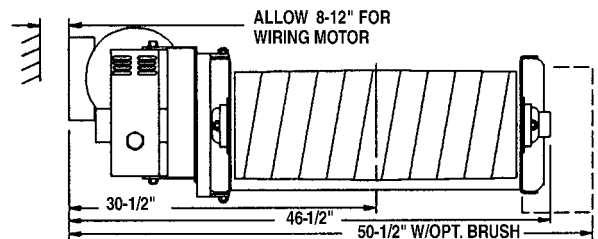
Heavy-duty steel drive pulley is 10" (254 mm) in diameter, crowned, rubber lagged for positive nonslip traction for deliveries up to 200 ft. (60.96 m).

- *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.*

Side View



End View



3605

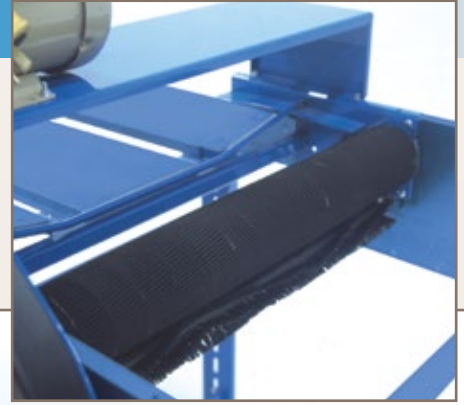
Specification Table

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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.*

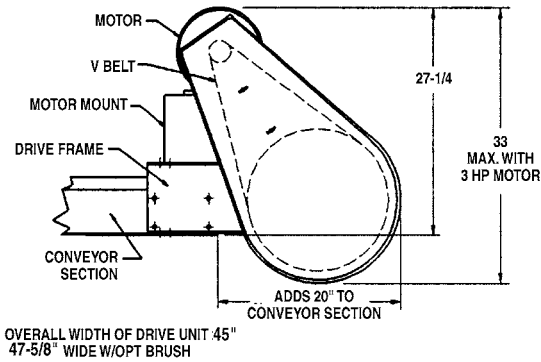
Belt Width: 36" (914 mm)

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

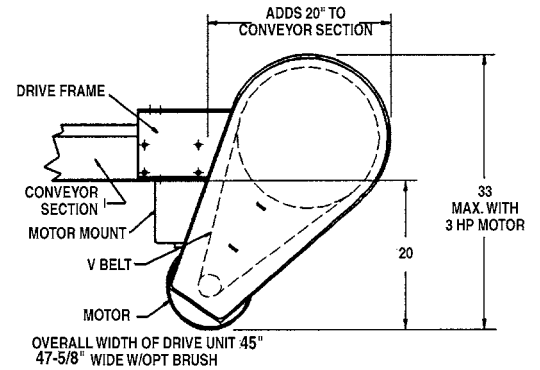
Full Load Capacity:

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

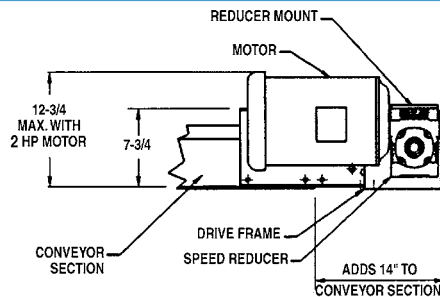
V-BELT DRIVE Motor on Top (RH or LH) - Side View



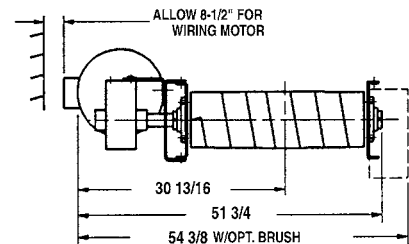
V-BELT DRIVE Motor on Bottom (RH or LH) - Side View



DIRECT DRIVE (RH or LH) - Side View

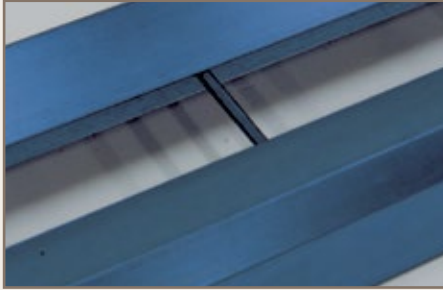


DIRECT DRIVE (RH or LH) - End View



Standard Features...

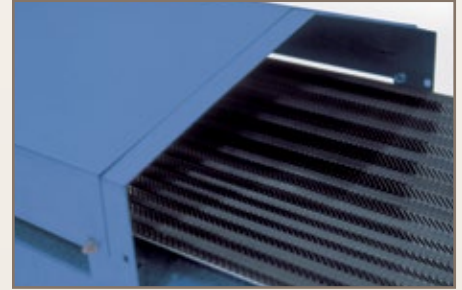
that benefit you day after day.



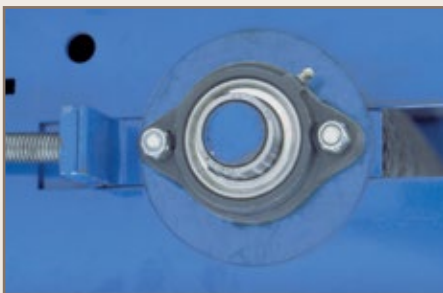
Open pan design provides trough for extra capacity and reduces belt friction for lower power requirements.



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.



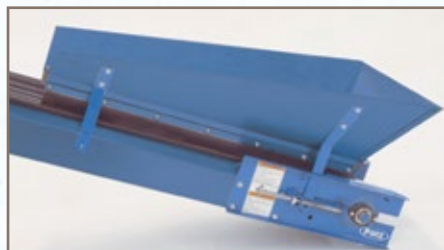
Note the convenient adjustment for belt tension and tracking.

Optional Features...

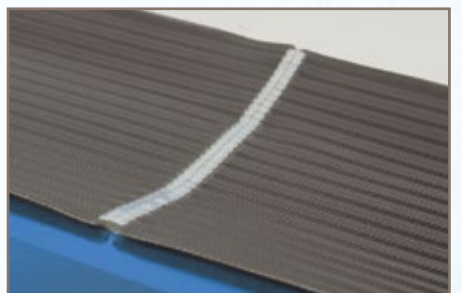
for extra versatility.



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



The loading hopper controls material loading and helps prevent spillage.

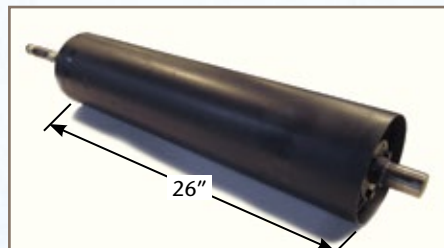


Choose from a variety of belts:

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



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.)

A cleated belt is available for Models 2405 and 3605.

Choice of stainless steel splices available on all belting.

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 ½" (165 mm) depth, 26 ¾" (679 mm) width. 6 ½" (165 mm) depth, 26 ¾" (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 ft³/min (5.91 m³/min), 3,700 lbs/min (1678 kg/min).	■		
	Up to 136 ft³/min (3.85 m³/min), 2,400 lbs/min (1089 kg/min).		■	
	Up to 440 ft³/min (12.46 m³/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.

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