



Since 1948

Chain & Flite Conveyors



Transport material where needed!

**High-Gloss
Polyester
Powder
Coating**



1025C

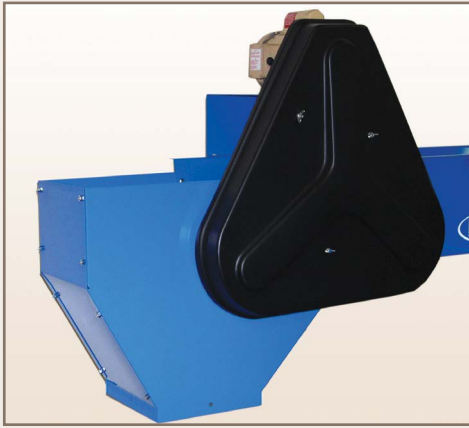
1040C

1630C

- **Move feed, granular materials, bulky fibrous materials, sawdust, and more.**
- **Move material exactly where you want it with optional decline or straight-line one-way conveying. Reversible conveying available in straight-line conveyor.**
- **Detachable steel chain with steel or rubber flites (based on unit selection).**
- **Choice of trough widths ranging from 10" to 16" (254 mm to 406 mm).**
- **Choose from a variety of overall lengths, ranging from 4' to 100' (1.2 m to 30 m).**
- **Moves high volumes of materials up inclines (up to 40°) with low horsepower requirements.**

1025C

Elevates up to 40° for installation versatility.



- Install easily with custom-built lengths. Modular sections bolt together. Can be field cut to exact length.
- This conveyor delivers up to 81 ft³ (2.3 m³) of material per minute.
- Cover sections are available to bolt on trough to keep out rain and other contaminants.
- Optional spouts allow precise placement of discharged material.



Elevates up to 40° for installation versatility.

Detachable steel chain with steel-braced, 2 ½" high rubber flites and 12-inch spacing provides high capacity. Save money in the future with replaceable, bolt-in-place trough pans.



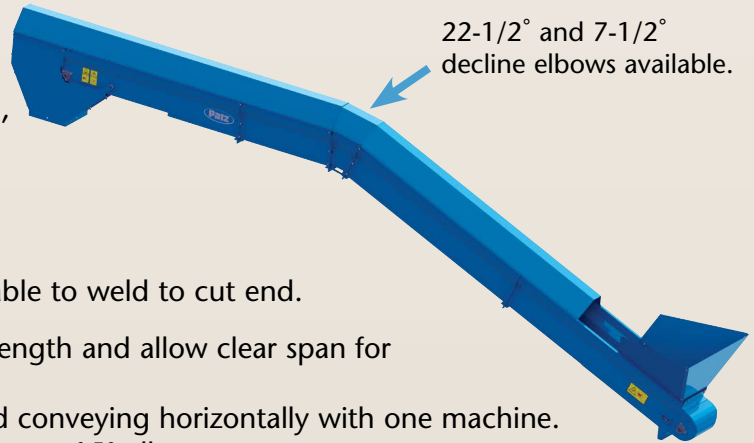
All-belt drive allows easy maintenance. Greaseable bearings provide long life (guard removed for viewing).



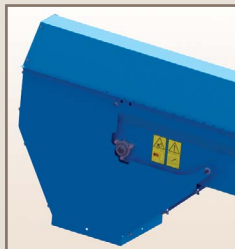
1040C

Low profile unit spans up to 40 feet (12 m) for versatility

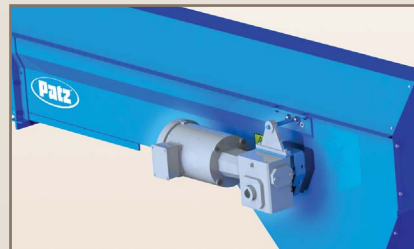
- Direct electric drive utilizes a C-faced motor for 98 FPM speed capacity. Drive can be installed on either hand.
- Lower profile and less maintenance thanks to simple design, eliminating v-belts and roller chain guards.
- Drive and idler shafts feature industrial, greaseable bearings with malleable iron housing.
- Center sections can be field cut. Coupler brackets are available to weld to cut end.
- Welded coupler brackets provide reinforcement for extra strength and allow clear span for convenient installation.
 - Optional declines of 7 ½° or 22 ½° allow elevating and conveying horizontally with one machine.
 - Two 7 ½° elbows fastened together can be used to form a 15° elbow.
- Optional End Cap Cover Package reduces possible contamination by birds or environmental elements.
- Optional VFD provides ability to adjust motor speed to match conveying capacity.



Detachable steel chain with steel flites provides high capacity.



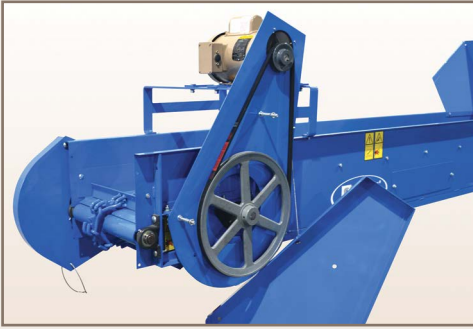
Optional spouts deliver material where you desire, while optional hopper helps prevent spilling and waste.



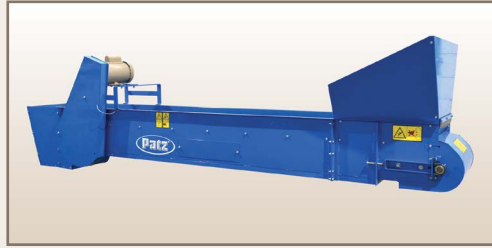
The motor mounts left or right for installation versatility. The 1040C uses an enclosed speed reducer for low profile and low maintenance.

1630C

A popular and versatile conveyor



The motor conveniently mounts on top or bottom of conveyor for installation versatility. The 1630C uses a single V-belt with roller chain reduction. (Guards removed for viewing.)

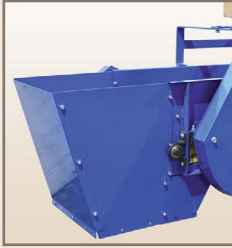


Bolt-together coupler brackets provide reinforcement for extra strength and allow up to 30-foot (9 m) span between supports. A 100-foot (30 m) conveyor weighs more than 3,100 pounds (1,406 kg) with rugged construction.

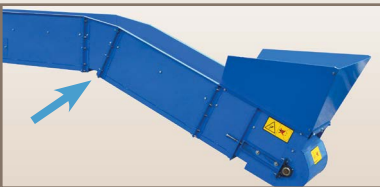
- Move material easily with one-way or two-way conveying.
- Conveyor chain with double-hook links welded to steel flites add to your peace of mind.
- Installs easily with custom-built lengths. Add 2 ½, 5, or 10-foot (.8, 1.5, or 3 m) sections as needed up to 100 feet (30 m).
- Replaceable elbow pans add extra life. All pans are bolted in place and replaceable.
- Bearings are long-life, sealed, prelubricated, and greaseable for reliable, continuous duty.
- Center sections can be field cut. Coupler brackets are available to weld to cut end.
- Cover sections are available to bolt on to trough to keep out rain and other contaminants.
- Welded coupler brackets provide reinforcement for extra strength and allow clear span for convenient installation.



Heat-treated, heavy-duty, double-hook links are welded to 2-inch by 15 ½-inch steel flites. Flite spacing is 14 ½-inches. Links are detachable without tools for easy service.



Optional spouts deliver material where you desire, while the optional hopper helps prevent spilling and waste.



A 22 ½° decline elbow increases flexibility and permits elevation change without additional motors.

Choice of trough widths ranging from 10" to 16" (254 mm to 406 mm)

Unit	1025C	1040C	1630C
Trough Width	Bottom: 10" (254 mm)	Bottom: 10" (254 mm)	16" (406 mm)
	Top: 12 ½" (318 mm)	Top: 12" (305 mm)	—
Trough Depth	7 ½" (191 mm)	6" (152 mm)	6" (152 mm)
Trough Lengths	4' to 25' (1.2 to 7.6 m)	10' to 65' (3 to 19.8 m)	10' to 100' (3 to 30 m)
Full-load Capacity	81 ft ³ (2.3 m ³) per minute	45 ft ³ (1.3 m ³) per minute	66 ft ³ (1.8 m ³) per minute
	1,460 lbs. (662 kg) per minute	810 lbs. (367 kg) per minute	1,190 lbs. (540 kg) per minute
	225 lbs. (102 kg) on conveyor	535 lbs. (243 kg) on conveyor	1,585 lbs. (719 kg) on conveyor

STANDARD Equipment		1025C	1040C	1630C
Overall Lengths	11', 16', 21', 26' (3.4, 4.9, 6.4, 7.9 m).	■		
	11' to 66' (3.4 to 20.1 m) in 2½' (762 mm) increments.		■	
	10'7" to 100'7" (3.2 to 30.7 m) in 2½' (762 mm) increments.			■
Trough Lengths	10', 15', 20', 25' (3, 4.6, 6.1, 7.6 m). Any length from 4' to 25' (1.2 to 7.6 m) by field cutting.	■		
	10' to 65' (3 to 19.8 m) in 2½' (762 mm) increments.		■	
	10' to 100' (3 to 30 m) in 2½' (762 mm) increments.			■
Loaded Trough Widths	10" (254 mm) bottom; 12½" (318 mm) top.	■		
	10" (254 mm) bottom; 12" (305 mm) top.		■	
	16" (406 mm)			■
Frame	Trough with enclosed chain return, formed 16-gauge high-gloss polyester powder-coated steel, 14¾" (375 mm) width and 12" (305 mm) height (17¾" 451 mm with covers). Modular sections bolt together.	■		
	Trough with chain return, formed 16-gauge high-gloss polyester powder-coated steel, 14¾" (375 mm) width and 13" (330 mm) height (18¾" 476 mm with covers). Modular sections bolt together.		■	
	Trough with chain return, formed 16-gauge high-gloss polyester powder-coated steel, 16" (406 mm) width and 13" (330 mm) height (18¾" 476 mm with covers). Modular sections bolt together.			■
Chain	No. 62 detachable, steel.	■	■	
	No. 66, 7/16" (11 mm) heat treated double-hook links that can be connected or separated easily for simple adding or removal, making chain adjustments or repair convenient.			■
Flites	2½" by 9" (64 by 229 mm) rubber and 12" (350 mm) spacing.	■		
	1½" by 9½" (38 by 229 mm) steel and 12" (350 mm) spacing.		■	
	2" by 15½" (51 by 394 mm) steel and 14" (356 mm) spacing.			■
Chain Speed	160 F.P.M. (49 M.P.M.), constant, one direction.	■		
	98 F.P.M. (30 M.P.M.), constant, one direction.		■	
	75 F.P.M. (23 M.P.M.), constant, 1-way or 2-way directional.			■
Bearings	Greasable sleeve.	■		
	Long-life, sealed, prelubricated, greasable.		■	
	Long-life, sealed, prelubricated, greasable.			■
Chain Take-up	Screw-type at tail end.	■		
	Screw-type take-up at tail pulley.		■	
	Screw-type idler end.			■
Drive Motor	None standard; available as optional equipment.	■	■	■
Drive Mount	End drive, above trough.	■		
Motor Mount	None standard; available as optional equipment.	■	■	■
Load Capacity	Up to 81 ft³/min (2.3 m³/min), 1,460 lbs/min (662 kg/min), 225 lbs (102 kg) on conveyor.	■		
	Up to 45 ft³/min (1.3 m³/min), 810 lbs/min (367 kg/min), 535 lbs (243 kg) on conveyor.		■	
	Up to 66 ft³/min (1.8 m³/min), 1,190 lbs/min (540 kg/min), 1,585 lbs (719 kg) on conveyor.			■
Span	Up to 25' (7.6 m) between supports.	■		
	Up to 40' (12 m) between supports.		■	
	Up to 30' (9.1 m) between supports.			■
OPTIONAL Equipment		1025C	1040C	1630C
Drive Motors	1 HP (746 watts), 1 Phase or 3 Phase	■	■	
	1 HP (746 watts) to 3 HP (1670 watts), 1 Phase or 3 Phase			■
Motor Mount	End drive, above the trough.	■		
	End drive, left or right side.		■	
	End drive, above or below the trough.			■
Conveyor Supports Bracket	Protects bottom of conveyor where supported or suspended.	■		
Elbow Assembly	22½° provides a 5" per foot (127 mm per 305 mm) pitch; 7½° provides 1-9/16" per foot (191 mm per 305 mm) pitch. use two 7½° elbows to make a 15° elbow.		■	
	22½° provides a 5" per foot (127 mm per 305 mm) pitch.			■
Covers	Bolt-on 10' (3 m) covers available.	■		
	10' (3 m) bolt-on for conveyor sections and elbow.		■	■
Loading Hopper	Funnels material into conveyor trough. 34" (864 mm) width.	■	■	■
Short Spout	Installs on front end of conveyor.	■		
	Use where lower overall height is required.		■	
Long Spouts	Are available.	■	■	
Idler Stand	Attaches to rear section of conveyor to hold end off the surface.		■	
Discharge Spout	Installs on front end of conveyor.			■



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