

1025C, 1040C, & 1630C Chain & Flite Conveyors

SPECIFICATIONS

STANDARD Equipment	1025C	1040C	1630C
Frame (<i>Installed Dimensions</i>)	<i>Bolt-together, modular trough sections with enclosed chain return, formed 16 ga., high gloss powder coated steel.</i>		
Overall Length	11' - 26' (3.5 - 8m)	11' - 66' (3.5 - 20m)	11' - 100' (3.5 - 30.5m)
Overall Width	14 ¾" (375mm)		16" (406mm)
Overall Height	12" (305mm)	13" (330mm)	
Height with Covers	17 ¾" (451mm)	18 ¾" (476mm)	
Span (<i>between supports</i>)	< 25' (7.6m)	< 40' (12.0m)	< 30' (9.1m)
Trough (<i>Working Dimensions</i>)			
Trough Length	4' - 25' (1.2 - 7.6m)	10' - 65' (3.0 - 19.8m)	10' - 100' (3.0 - 30.0m)
Trough Width	10" (254mm)		16" (406mm)
Trough Depth	7 ½" (191mm)	6" (152mm)	
Chain	#62; detachable; steel		#66; 7/16" (11mm) heat treated double-hook steel links
Flites (<i>Options available</i>)	2 ½" x 9" (64 x 229mm) PVC 180 COS, Black 12" (350mm) spacing	1 ½" x 9 ½" (38 x 241mm) steel 12" (350mm) spacing	2" x 15 ½" (51 x 394mm) steel 14" (356mm) spacing
Chain Speed (<i>Continuous</i>)	160 FPM	98 FPM	75 FPM
Load Capacity	< 81 ft ³ /min (2.3m ³ /min); 1,460 lbs/min (662 kg/min)	< 45 ft ³ /min (1.3m ³ /min); 810 lbs/min (367 kg/min)	< 66 ft ³ /min (1.8m ³ /min); 1,190 lbs/min (540 kg/min)
On Conveyor	225 lbs/(102kg)	535 lbs/(243kg)	1,585 lbs/(719kg)
Chain Take-up (<i>Continuous</i>)	Screw type at Idler End / Tail Pulley		
Bearings	Greasable sleeve	Greasable; prelubricated; sealed; long-life	
OPTIONAL Equipment	1025C	1040C	1630C
Drive Motors	1 HP; Single or 3 Phase		1 -3 HP; Single or 3 Phase
Drive Options	Belt-&-Pulley	Belt-&-Pulley / Direct Drive	Belt-&-Pulley
Motor Mount (<i>Drive End</i>)	Top with Double Pulley Reduction	Top or Bottom; C-Face (R/L)	Top or Bottom
Elbow Assembly	n/a	7 ½° (1-9/16"/ft) (x2 @15°; 3 ½ /ft) 22° (5"/ft pitch)	22° (5"/ft pitch)
Covers	10' (3m) Bolt-on		
Hopper	Idler End: <i>Funnels material into conveyor trough</i> ; Width: 34"; Adds up to 18" Overall Height		
Spouts	Drive End; Short (Extends 9"), or Long (for Inclined)		Extends 7"



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.