

POWERED FLEX CONVEYOR



POWERED FLEXIBLE CONVEYOR (FX)

ConveyX Corp. (CXC) Powered Flex Conveyor has a robust design that provides optimal conveying power and can easily be moved where it is needed most. The flexible, expandable conveyor will stretch or bend to fit your available space and is ideal for truck loading and unloading areas, distribution centers or portable assembly lines. The Powered Flex Conveyor is a sturdy conveyor that moves product up to 100 pounds per zone at variable speeds and each zone is powered by an energy efficient 24VDC motor.



STANDARD FEATURES

Flexible and robust

- Precision bearings
- Powder coated leg supports with locking, swivel casters and pin-adjustable height on 1/2" increments
- Rollers driven by high-tension, urethane O-ring belts

Energy efficient

- 24VDC power supply
- Interface controls and pass-through power cables to connect multiple units

Adaptable to meet operational requirements

- Forward/reverse controls
- Handles on each end of conveyor
- Start/stop button at each end
- Variable speed control

OPTIONS & ACCESSORIES

Floor Guide – Move the Flex Conveyor in and out of storage with ease.

Impact Cart – Inserted at infeed end of the conveyor, it is designed to handle package impact reducing the need for continual repairs to the conveyor.

Power Assist – Safely and easily move the Flex Conveyor in position for operation or storage.

Side Guides – Guides are 4" tall covering up to two zones of the conveyor made of heavy-duty UHMW polyethylene.

Transition – Available in Centering and Straight options and assist in moving packages from the feed line to the Flex Conveyor. The Centering option also aligns packages toward the center of the Flex Conveyor.

SPECIFICATIONS

GENERAL

Bed Width	18", 24", 30", 36"
Extended Length	25', 40', 50', 60', 80'
Compressed Length	Varies; determined by the diameter of the roller and the center to center distance of the rollers; see REFERENCE CHART
Height	26" to 34" top of roller; adjustable with locking pin
Capacity	50 pounds per linear foot (PLF) and 100 pounds per zone
Noise Level	70dB @ conveyor bed c/l (30 in TOR); 60dB @ ear level, approximately 5' 6" height from ground level
Power Supply	110V single phase
Rollers	1.4" or 1.9"; expanded roller distance varies; see REFERENCE CHART
Motor(s)	100w, 24VDC

REFERENCE CHART

(EXPANDED)

Roller Diameter	Roller CC	Zone Length	Rollers per Zone	Compression Ratio
1.4"	3"	38"	13	1.8:1
	4"	38"	10	2.2:1
	5"	42"	9	2.6:1
1.9"	4"	38.5"	10	1.6:1
	5"	42.5"	9	2:1



Side View; Powered Flex Conveyor

HOW TO ORDER

		BF (inches) 18, 24, 30 or 36	Length (feet) 24, 30, 50, 60 or 80	T or blank	Roller CC (inches) 3, 4, or 5	TOR (inches) A = 30 B = 34	Caster (inches) 5, 6 or 8	G
FX14A	Powered, 1.4" roller diameter, accumulation mode	xx	xx	T	x	x	x	G
FX14T	Powered, 1.4" roller diameter, transportation mode	xx	xx		x	x	x	G
FX19A	Powered, 1.9" roller diameter, accumulation mode	xx	xx	T	x	x	x	G
FX19T	Powered, 1.9" roller diameter, transportation mode	xx	xx		x	x	x	G

Other options may apply. Consult factory.