

Hands-Free Take-Away Conveyors

The Conair belt discharge conveyor is a rugged, low profile conveyor designed to be used when cutting flexible and semi-rigid products. The conveyors enhance the cut length tolerance and cut quality by supporting and transporting the extruded product away from the cutter bushing. The product can then be optionally ejected into a collection tray for operator removal.



Convenient Belt Support and Take-Away

TAC Series take-away belt conveyors support and convey extruded parts postcutter. Parts discharge off the end of the conveyor or can be directed by a mechanical arm to a collection tray. An optional pneumatic ejector system blow-off offers front and rear or side-to-side ejection for automated parts separation, for example by size.

A variable speed drive allows the conveyor speed to be set slightly faster than the line speed, ensuring adequate separation between the parts as they are moved to the collection tray.

Heavy-duty frame construction provides rigid support at each end of the conveyor. Swivel casters are utilized for easy alignment. Height adjustment of ± 2 inches {51 mm} is provided.

Air nozzles are easily positioned for fast removal of the parts to the collection tray.

► Labor free parts collection

The conveyor automatically discharges parts to a collection tray or scrap collection bin, allowing operators to tend to other value added activities. TAC conveyors can be optionally configured for split manifolds for common side front and rear collection or for dual sided collection.

► Easy segregation of good and bad parts

The conveyor can be interfaced with the diameter or wall thickness measuring gauge to separate parts which do not meet specifications. The ejector system is disabled and the parts discharge off the end of the conveyor instead of into the collecting tray.

► Medical application option

Medical option includes precision, geared height actuator for fine adjustment for up/down/tilt to optimize part support and take-away. The TAC can be powder coated or supplied with a stainless steel frame to aid wash down.

► Static-free production collection

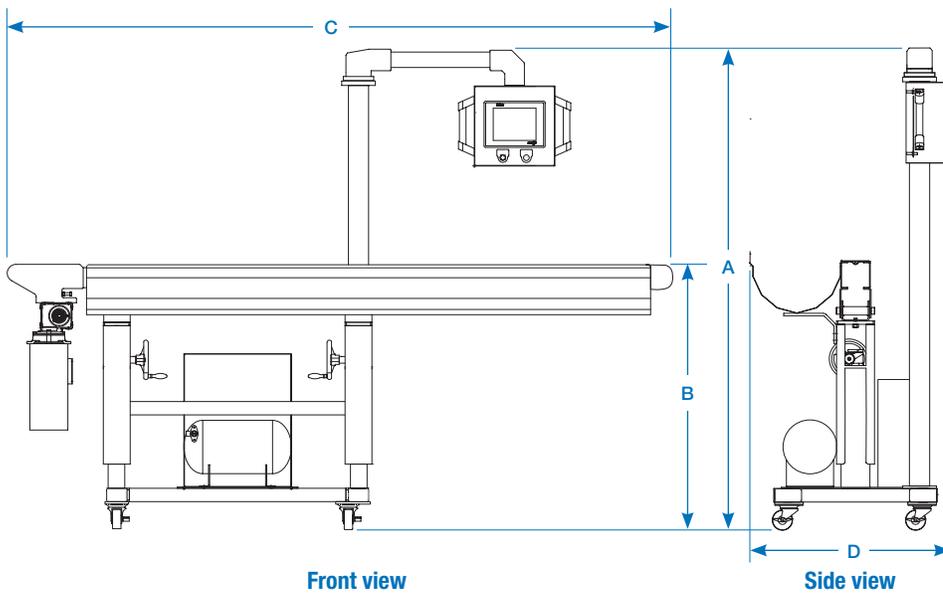
An optional de-ionizer removes any static build-up generated from the process to aid consistent product ejection and positioning in the collection tray(s).



Options

- Pneumatic ejector system including accumulator tank, regulator and controls with air knife or positionable, variable flow nozzles to eject the parts into a collecting tray. Available single or dual station blow-off
- Medical configuration with precision up/down/tilt actuators. Available powder coated or in stainless steel
- Stainless steel parts collection tray (various lengths available)
- High speed drive configurations for 500 and 600 FPM applications
- Left-to-right operation

Specifications



Specification Notes

* Optional.
 These tables define standard configurations only.

† FLA data for reference purposes only. Does not include any options or accessories on equipment. For full FLA detail for power circuit design of specific machines and systems, refer to the electrical diagrams the equipment order and the nameplate applied to the machine.

Specifications may change without notice. Consult with a Conair representative for the most current information.

Models	TAC-406	TAC-408	TAC-412	TAC-416	TAC-808	TAC-812	TAC-816
Performance characteristics							
Belt width inches {mm}	4 {101}	4 {101}	4 {101}	4 {101}	8 {203}	8 {203}	8 {203}
Conveyor length feet {m}	6 {1.83}	8 {1.22}	12 {3.66}	16 {4.88}	8 {1.22}	12 {3.66}	16 {4.88}
Belt type	Endless Poly-Kleen white covered belts						
Belt speed	500 FPM {152 m/min.}						
Drive motor	1 Hp variable speed AC motor						
Dimensions inches {mm}							
A - Overall height	71.7 {1820}						
B - Height to top of belt	40 ± 2 {1016± 51}						
C - Overall length	72 {1829}	96 {2438}	144 {3658}	192 {4877}	96 {2438}	144 {3658}	192 {4877}
D - Overall width	29.5 {749.3}						
Approximate weight lb {kg}							
Shipping	Consult Conair						
Voltage Full Load Amps †							
230 V/3 phase/60 Hz	Consult Conair						

