

Automated Take-Away Conveyors for Extruded Products

Conair MTAC Series take-away conveyors assure efficient extruded product handling. Typically located directly after cutting devices, the MTAC assures product is moved away from the cutter at adjustable speeds typically in excess of line speed, eliminating accumulation and sorting confusion. Extruded products are efficiently moved toward packaging and/or other handling operations. Diverter arms may be easily added to direct product flow.

The belt surface, in 4 or 8-inch widths and up to 16 feet long is white and durable, minimizing handling contamination of extruded product by operators. The belt drive is a 1 Hp variable speed AC motor.



Model MTAC-406

(Show with optional compressed air blow-off / sorting system and collection trough.)

Convenient Belt Support and Take-Away

Each MTAC consists of heavy, welded tubing construction and is equipped with swivel, locking casters for easy alignment with the extrusion line. Height can be adjusted within a wide range and fine-tuning, hand wheel height adjustments of +/- 2 inches is provided.

Options include programmable compressed air blow-off for quality sorting, a side mounted collection trough for accepted or rejected product, and touchscreen controls that integrate with the processing line.

Compressed air sorting systems operate seamlessly with Conair cutters and permit a series of programmed air pulses for blowing extruded off the belt and into product collection bins by length or by quality assurance, for example. Discharging can be off either side of the conveyor, while unblown products roll off the end of the conveyor. The optional stainless steel trough is ideal for neatly collecting and holding long product lengths for manual packaging.

▶ 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. As an option, MTAC conveyors can be 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

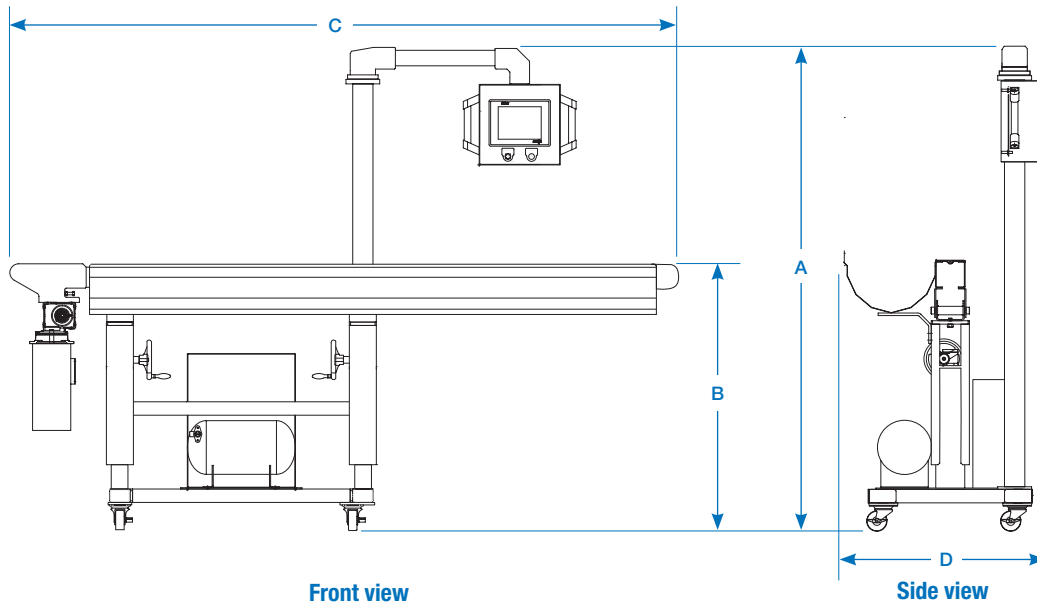
Medical option includes precision, geared height actuator for fine adjustment for up/down/tilt to optimize part support and take-away. The MTAC can be powder coated or supplied with a stainless steel frame to aid wash down.

▶ 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).



Specifications



Specification Notes

* 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	MTAC 406	MTAC 408	MTAC 410	MTAC 412	MTAC 416
Performance characteristics					
Belt width inches {mm}	4 {101}				
Conveyor length feet {m}	6 {1.83}	8 {2.43}	10 {3.04}	12 {3.65}	16 {1.82}
Belt type	Endless Poly-Kleen white covered belts				
Belt speed	20 FPM to 500 FPM {152 m/min.}				
Drive motor	1 Hp variable speed AC motor				
Dimensions inches {mm}					
A - Overall height	53 {1346}				
B - Height to top of belt	40 ± 2 {1016± 51}				
C - Overall length	72 {1829}	96 {2438}	120 {3048}	144 {3657}	192 {4877}
D - Overall width	29.5 {749.3}				
Approximate weight lb {kg}					
Shipping	Consult Conair				
Voltage Full load amps *					
110V/1 phase/60Hz	Consult Conair				

Puller 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
- Upgrade to swing arm control
- Stainless steel parts collection tray (various lengths available)
- Full or compact length
- Single station full length blow off manifold with lock line air nozzles designed to blow cut pieces from conveyor top including discrete time delay
- Dual station with parts blowing off front or rear of conveyor
- HMI touchscreen control
- Upgrade to air knife discharge in place of steel pipe for single or dual station blow off
- High speed drive configurations for 500 and 600 FPM applications
- Left-to-right operation
- Custom paint
- Dual sided with catch trays on both sides
- Static de-ionizer bar with controls
- CE certification
- Precision height adjustment with hand wheel and gearbox at each end of frame
- UL certification
- 230/3/60 and 460/3/60 voltages

