

# Rock-Steady Precision Pulling with Application Flexibility

Conair Precision Series Belt Pullers combine exceptional application versatility with low investment and installation costs.

Precision Pullers are available in three (3) standard model sizes to accommodate tubing diameters to 3 inch {76 mm} as well as flexible and rigid extrusions with belts up to 6 inch {152.4} wide.



**Model 3-20 Puller**  
(Shown with optional belt gap readout.)

## Smooth, Reliable Pulling for Tubing / Profiles

With superior tracking capabilities and low variation motor speed controls, these pullers provide rock-steady accuracy and smooth pulling precision. Precise speed controls, easily adjusted belts and numerous options to suit your application ensure optimum productivity.

A choice of belt widths, contact lengths, torque ratings, entrance openings and belt coverings are available for a broad range of applications and ensure product consistency.

Safeguards include OSHA color-coded labels, adjustable entrance guides that allow walk-through operation and an emergency stop.

### ▶ **Performance versatility**

Precision pullers are supplied standard with open-loop vector with HMI control. Optional drive packages include single or dual servo with touchscreen for optimum performance. The servo touchscreen offers built-in tuning of the servo.

### ▶ **Industrial design prolongs life**

These smooth, reliable pullers feature components that are selected for long service life, yet readily accessible for any required maintenance. The heavy duty cabinet, leveling floor locks and casters provide a highly stable base for the table mounted puller assembly.

### ▶ **Tabletop design adds convenience**

Tabletop versions allow the puller assembly to be conveniently removed for maintenance and feature a walk-through design that allows flexible parts to be fed in from the side versus only from the belt end.

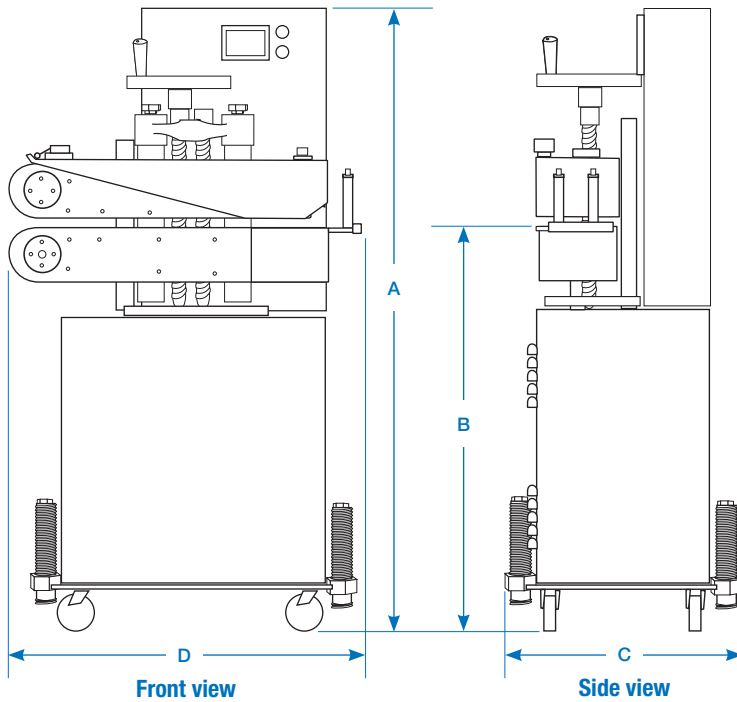
### ▶ **Touchscreen control**

Every Precision Puller features a full-color touchscreen control with intuitive graphic icons for easy operation! Switch operation modes, make adjustments, save recipes, and create unique user privileges all from a touchscreen control that allows for easy communication to other devices. All Conair controls are designed with the same style icon/button operation, making learning a new piece of equipment easy and comfortable.



# Specifications

# Options



- Hand-held remote belt speed control with 25 feet of cable
- Pro scale digital belt gap sensor
- Pneumatic upper belt actuation
- Communication package including Ethernet and analog microprocessor interface, speed signal to measuring equipment, encoder input and output connections.
- Left-to-right extrusion operation
- Special paint
- Optional voltages  
230V/3 phase/60 Hz power supply  
575V/3 phase/60 Hz power supply  
400V/3 phase/50 Hz power supply
- Full belt safety enclosure
- CE Certification
- UL Certification
- Flat Belts

Models	3-20		4-26		6-39	
<b>Performance characteristics</b>						
Belt width inches {mm}	3 {76}		4 {102}; optional 6 {152}		6 {152}; optional 8 {203}	
Belt contact length inches {mm}	20 {508}		26 {660}		39 {991}	
Maximum feed opening inches {mm}	3.5 {88.9}		4.5 {101.6}		6.5 {165.1}	
<b>Motor Drives Hp</b>						
Belt drive - vector	1.0		1.5		2.0	
Servo drive*	3.25 (optional)					
Drive type	Open loop					
Belt type	Poly-V, 40,55 or 70 durometer natural rubber covering/Precision flat option					60 FDA White Nitrile
Drive type	vector	servo	vector	servo	vector	servo
Available speed ranges feet/min	8 - 80	3 - 270	6 - 60	1 - 107	6 - 60	1 - 107
	16 - 160	5 - 552	12 - 118	2 - 202	12 - 118	2 - 202
	32 - 320		24 - 236	4 - 397	24 - 236	4 - 397
			47 - 473	9 - 941	47 - 473	10 - 941
<b>Dimensions inches {mm}</b>						
A - Overall height	60 {1575}					
B - Height to centerline ±2 {±51}	42 {1016}					
C - Width	34 {864}			37 {940}		
D - Length	34 {864}			50 {1270}		
<b>Weight lb {kg}</b>						
Installed	840 {381}		920 {417}		1410 {639}	
Shipping	990 {449}		1070 {485}		1560 {707}	
<b>Voltage Full load amps *</b>						
460V/3 phase/60 Hz	Consult Conair					

**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.

