

**PRECISION BELT PULLERS
MODELS 3-20, 4-26, AND 6-39**



Model 3-20 Puller

ROCK-STEADY PRECISION PULLING WITH APPLICATION FLEXIBILITY

Conair Precision 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.

SMOOTH, RELIABLE TAKE-OFFS FOR TUBING/PROFILES

With superior tracking capabilities and low drift motor speed controls, these pullers provide rock-steady accuracy and smooth precision. Less resin giveaway, reduced waste and far fewer rejected parts provide consistent quality. Precise speed controls, easily adjusted belts and various options ensure optimum operator and machine productivity.

A choice of belt widths, contact lengths, torque ratings, entrance openings and belt coverings broaden the range of applications and ensure properly and consistently formed product.

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

■ Performance versatility

Precision pullers are supplied standard with open loop vector with 10-turn potentiometer speed control. Optional drive packages include single or dual servo with touch screen for optimum performance. The servo touch screen offers built-in tuning of the servo. High speed servos can reach speeds of 2000 feet/min {609 meter/min}.

■ 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.

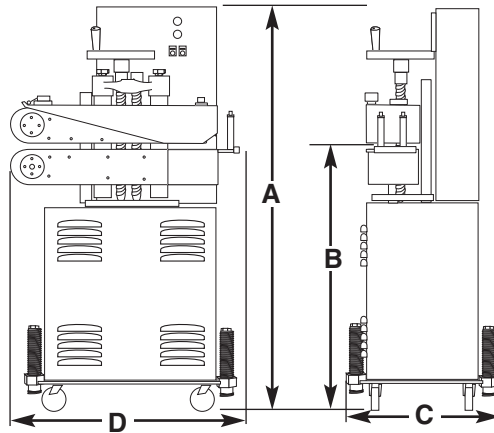
■ Tabletop design adds convenience

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 fed from the belt end.



PRECISION BELT PULLERS MODELS 3-20, 4-26, AND 6-39

SPECIFICATIONS



MODELS	3-20		4-26		6-39	
Performance characteristics						
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}	4 {102}		5 {127}		7 {178}	
Motor Drives Hp						
Belt drive - vector	1.0; optional 1.5		1.5; optional 2.0		2.0; 3.0	
Servo drive*	3.25, 2.4*		3.25, 2.4*		3.25, 2.4*	
Belt type†	Poly-V, 40/50 durometer natural rubber covering/Precision flat option					
Drive type	vector	servo	vector	servo	vector	servo
Available speed ranges feet/min	2.6 - 80 5.3 - 160 10.6 - 320	0.8 - 80 1.6 - 160 3.2 - 320 15.7 - 472	1.9 - 59 3.9 - 118 7.8 - 236 9.4 - 472	0.5 - 59 1.2 - 118 2.3 - 236 15.7 - 472 200-2000‡	1.9 - 59 3.9 - 118 7.8 - 236 9.4 - 472	0.59 - 59 1.2 - 118 2.3 - 236
Dimensions inches {mm}						
A - Overall height	62 {1575}		60 {1524}		60 {1524}	
B - Height to centerline ±2 {±51}	42 {1016}		42 {1067}		42 {1016}	
C - Width	34 {864}		34 {864}		37 {940}	
D - Length	34 {864}		34 {864}		50 {1270}	
Weight lb {kg}						
Installed	840 {381}		920 {417}		1410 {639}	
Shipping	990 {449}		1070 {485}		1560 {707}	
Electrical requirements full load amps						
Drive type	Open loop		Open loop		Open loop	
Hp {kW}	1 {0.75}	1.5 {1.1}	1.5 {1.1}	2 {1.5}	2 {1.5}	3 {2.2}
230V/3 phase/60 Hz	7.7	7.7	7.7	9.7	9.7	12.9
460V/3 phase/60 Hz	3.5	4.4	4.4	5.6	5.6	7.4

SPECIFICATION NOTES:

* Optional.

† Flat belts are available as an option. Optional belt coverings include: 40, 55 and 70 durometer natural rubber; and 60 durometer white nitrile (FDA).

‡ Speed achieved with use of (2) 2.4 Hp servo drive motors with flat belts.

Dual servos are available as an option for high-speed application for all above models.

Specifications can change without notice. Contact a Conair representative for the most current information.