

BP SERIES BELT PULLERS



Model BP 8-48
Shown with custom enclosure

CONSISTENT PULLING WITH IN-LINE FLEXIBILITY

BP Series Belted Pullers offer a wide range of belt speeds and contact lengths for maximum flexibility and consistent pulling force.

BP pullers have been designed to handle tubing and flexible products, as well as rigid extrusions. Contact lengths up to 48 inches {1219 mm} minimize the chance for product distortion, especially with thin-wall profiles.

Every BP puller has an easy-to-use operator interface, maximum pull torque and low maintenance requirements and flexible operation.

ACCURATE, RELIABLE PULLING FOR TUBE AND PROFILE

They are called haul-offs, pullers, take-offs or tractor capstans. What you call them is not important. Your choice of one is.

The puller, in combination with the extruder output, is what will maintain the dimensions of your product and the stability of your production.

BP pullers provide accurate pulling speeds and reliable, smooth pulling force for a wide range of products.

Available belt widths range from 6 to 12 inches {152 to 305 mm}. Available contact lengths range from 36 to 48 inches {914 to 1219 mm}.

■ Accurate pulling speed

The AC open and closed-loop drive provides a wide range of precisely controlled belt speeds, with longer motor life than the DC drives.

■ Smooth, stepless operation

Traction belts are tandem driven for synchronous travel. Grooved aluminum sheaves offer straight, non-slip traction. Non-marking, poly-v grooved belts are standard.

■ Easy to operate

Controls are front-mounted and angled up toward the operator for ease of use. The height of traction belts can be adjusted individually.

■ Heavy duty; low maintenance

This caster-mounted puller has locking leveling screws for line stability. Fan-cooled motors are totally enclosed. Construction is welded, heavy-duty steel. All material parts are painted, plated or made to resist corrosion.

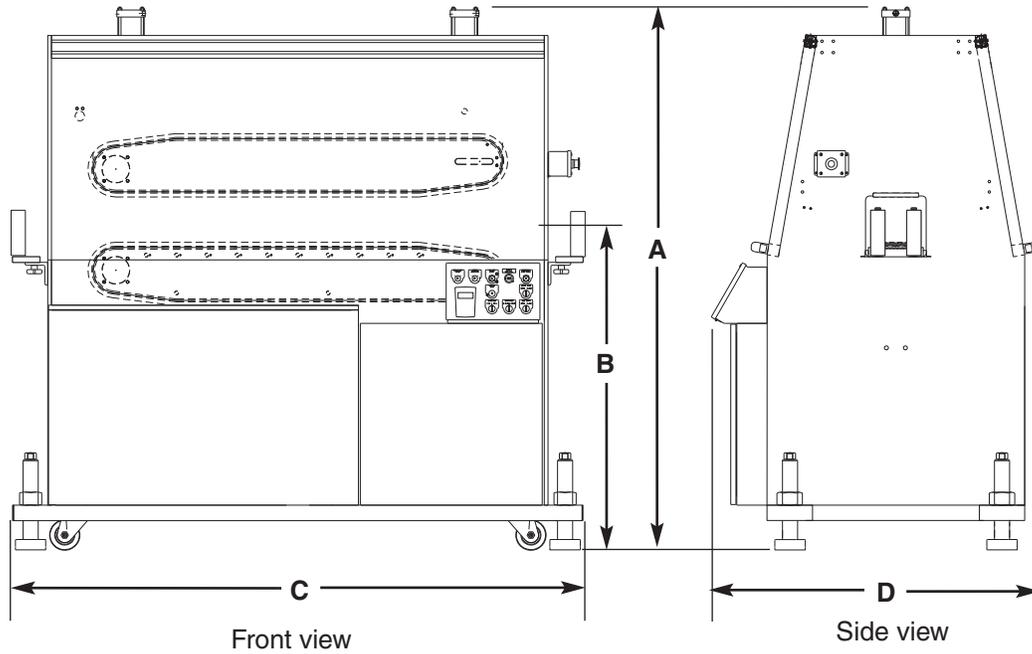
■ Optional servo drive

The optional servo drive adds to the guaranteed reliability and speed regulation.



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SPECIFICATIONS



MODELS	BP 6-48	BP 8-48	BP 12-36
Performance characteristics			
Belt width in. {mm}	6 {152}	8 {203}	12 {304}
Belt contact length in. {mm}	48 {1219}	48 {1219}	36 {914}
Maximum feed opening in. {mm}	7 {178}	7 {178}	7 {178}
Drive motor	3 Hp	3 Hp	3 Hp
Drive types available	Closed loop digital; AC inverter; AC flux vector; Servo		
Belt type*	Poly-V belt with 1/2 in. 40A duro pure gum rubber		
Belt speeds			
Drive type†	Fixed Reducer		
Available speeds feet/min.	2.5 - 27 4 - 40 6 - 65 8 - 81 10 - 108 16 - 162	2.5 - 27 4 - 40 6 - 65 8 - 81 10 - 108 16 - 162	2.5 - 27 4 - 40 6 - 65 8 - 81 10 - 108 16 - 162
Dimensions inches {mm}			
A - Height	76 {1930}	76 {1930}	76 {1930}
B - Height to centerline	42.5 {1080}	42.5 {1080}	42.5 {1080}
C - Overall length	66 {1676}	66 {1676}	54 {1372}
D - Overall width	32 {813}	32 {813}	37 {940}
Weight lb {kg}			
Installed	1910 {866}	1810 {821}	1710 {776}
Shipping	2210 {1002}	2110 {957}	2010 {912}
Voltage FLA‡			
230V/1 phase/60 Hz	24	24	24
460V/1 phase/60 Hz	11	11	11
575V/1 phase/60 Hz	9	9	9

SPECIFICATION NOTES:

- * 60A duro red EPDM belts are optional.
- † Dual speed transmission available as an option.
- ‡ 3-phase power available on AC inverter, flux vector and servo equipped models.

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

