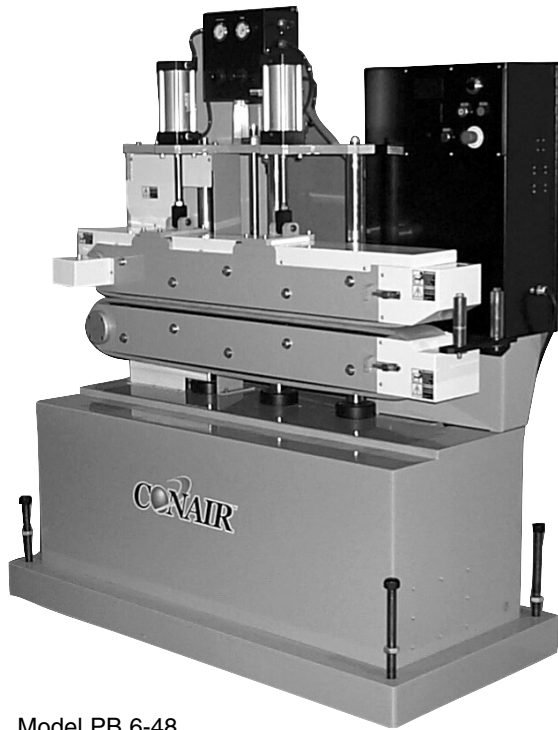


## PB SERIES BELT PULLERS



Model PB 6-48

# CONSISTENT PULLING WITH IN-LINE FLEXIBILITY

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

PB pullers have been designed to handle tubing and flexible products, as well as rigid extrusions. Contact lengths up to 48 inches {1219.2 mm} minimize the chance for product distortion, especially with thin-wall profiles.

Every PB 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.

PB 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 {152.4 to 304.8 mm}. Available contact lengths range from 36 to 48 inches {914.4 to 1219.2 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.

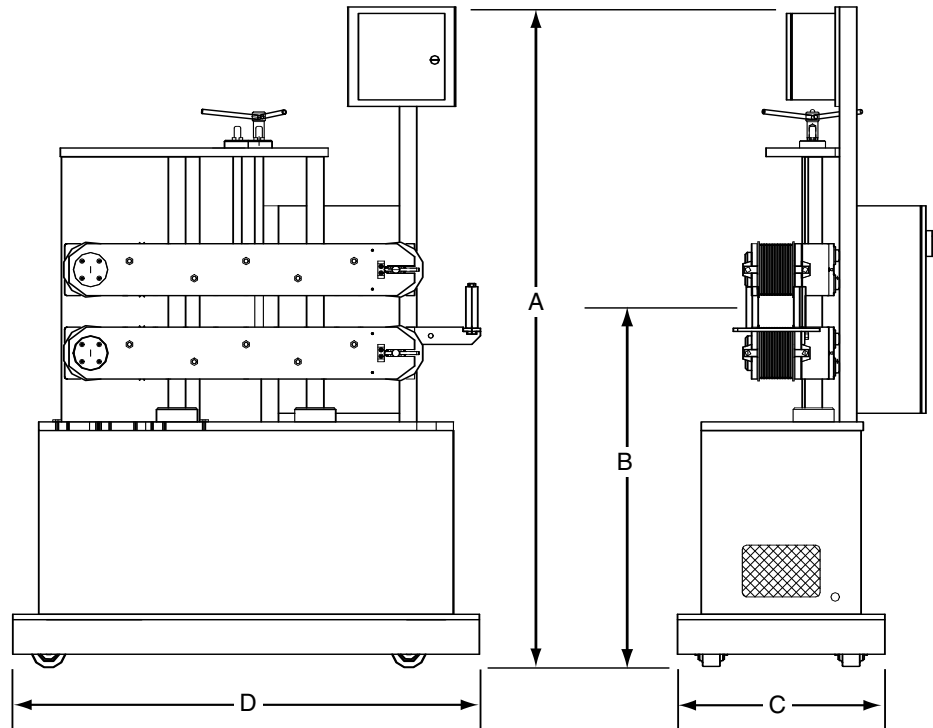
### ■ Heavy duty; low maintenance

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.

**PB SERIES BELT PULLERS**



| MODELS                             | PB 6-48  | PB 8-48  | PB 12-36   |
|------------------------------------|--|--|--|
| <b>Performance characteristics</b> |  |  |  |
| 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              |  |  |
| <b>Belt speeds</b>                 |  |  |  |
| Drive type†                        | Fixed Reducer  |  |  |
| Available speeds feet/min.         | 2.5 - 27<br>4 - 40<br>6 - 65<br>8 - 81<br>10 - 108<br>16 - 162 | 2.5 - 27<br>4 - 40<br>6 - 65<br>8 - 81<br>10 - 108<br>16 - 162 | 2.5 - 27<br>4 - 40<br>6 - 65<br>8 - 81<br>10 - 108<br>16 - 162 |
| <b>Dimensions in. {mm}</b>         |  |  |  |
| A - Height                         | 76 {1930}  | 76 {1930}  | 76 {1930}  |
| B - Height to centerline           | 42.5 {1080}  | 42.5 {1080}  | 42.5 {1080}  |
| C - Overall width                  | 32 {813}   | 32 {813}   | 37 {940}   |
| D - Overall length                 | 66 {1676}  | 66 {1676}  | 54 {1372}  |
| <b>Weight lb {kg}</b>              |  |  |  |
| Installed                          | 1910 {866}   | 1810 {821}   | 1710 {776}   |
| Shipping                           | 2210 {1002}  | 2110 {957}   | 2010 {912}   |
| <b>Voltage Total amps‡</b>         |  |  |  |
| 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.