

## CP SERIES CLEATED PULLER



Model CP10-96  
Custom

# CONSISTENT PULLING WITH SMOOTH PRECISION

The CP Series Cleated Pullers are designed and built for the demanding profile extrusion industry.

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

This series of pullers is designed for large, general profile applications, such as decking and window lineals.

## IMPROVED ACCESS FOR CLEANING

Special consideration was given to the design of the CP Series Cleated Puller to provide maximum performance with minimal effort.

The traction assemblies are individually driven to supply and maintain the required power for accurate, consistent and dependable pulling force.

The traction assemblies offer easy start-up, with end mounted upper beam and pneumatic upper adjustment control.

A variety of speeds, contact lengths and widths can be selected allowing a wide choice of machines to suit your specific production requirements.

### ■ Consistent, accurate pulling

This line of pullers gives maximum performance for the life of the machine. AC inverter and vector drives on all units achieve a high level of accuracy.

### ■ Dependable

CP pullers have a record of low maintenance requirements, long productive life and solid performance.

### ■ Flexible and efficient

With the end mounted pivot designed upper beam assembly, easy operator interface with front mounted controls and many other options, this line of pullers offers maximum flexibility for minimum cost. A very efficient package.

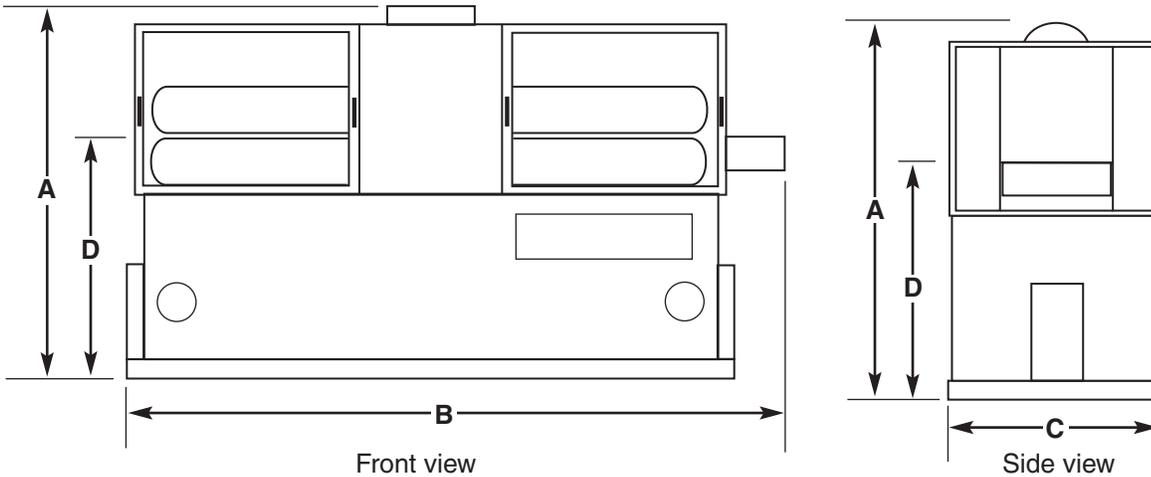
### ■ Heavy-duty design

All steel-welded construction. All material parts are painted, plated or made to resist corrosion.



## SPECIFICATIONS

## CP SERIES CLEATED PULLER



| MODELS  | CP640   | CP650           | CP850           | CP880           |
|---|---|-----------------|-----------------|-----------------|
| <b>Performance characteristics</b>            |   |                 |                 |                 |
| <b>Applications</b>                           | Tube/Profile  | Tube/Profile    | Profile         | Profile         |
| Capacity in. {mm}                             | 6 x 6 {152x152}   | 6 x 6 {152x152} | 8 x 8 {203x203} | 8 x 8 {203x203} |
| Cleat width in. {mm}                          | 3 {76.2}  | 3 {76.2}        | 8 {203}         | 8 {203}         |
| Cleat contact length in. {mm}                 | 40 {1016}   | 50 {1270}       | 50 {1270}       | 80 {2032}       |
| Maximum feed opening in. {mm}                 | 6 {152.4}   | 6 {152.4}       | 8 {203.2}       | 8 {203.2}       |
| Pull force lbs/kg                             | 1700 {771}  | 1700 {771}      | 2500 {1134}     | 2500 {1134}     |
| Drive motor*                                  | (2) 2 Hp  | (2) 2 Hp        | (2) 2 Hp        | (2) 3 Hp        |
| <b>Belt speed ranges ft/min {m/m}</b>         |   |                 |                 |                 |
|   | 1-10 {0.3-3}  | 1-10 {0.3-3}    | 1-10 {0.3-3}    | 1-10 {0.3-3}    |
|   | 2-20 {0.6-6.1}  | 2-20 {0.6-6.1}  | 2-20 {0.6-6.1}  | 2-20 {0.6-6.1}  |
|   | 3-30 {0.9-9.1}  | 3-30 {0.9-9.1}  | 3-30 {0.9-9.1}  | 3-30 {0.9-9.1}  |
|   | 4-40 {1.2-12.2}   | 4-40 {1.2-12.2} | 4-40 {1.2-12.2} | 4-40 {1.2-12.2} |
|   | 5-50 {1.5-15.2}   | 5-50 {1.5-15.2} | 5-50 {1.5-15.2} | 5-50 {1.5-15.2} |
| <b>Cleat assemblies</b>                       |   |                 |                 |                 |
| Cleat type                                    | Caterpillar-type traction assembly with 65 durometer non-marking cleats |                 |                 |                 |
| Cleat style                                   | Bolt-on   |                 |                 |                 |
| Cleat height inches {mm}                      | 1 {25.4}  |                 |                 |                 |
| <b>Dimensions inches {mm}</b>                 |   |                 |                 |                 |
| A - Height                                    | 73 {1854}   | 74 {1880}       | 84 {2133}       | 84 {2133}       |
| B - Length                                    | 69 {1752}   | 79 {2006}       | 120 {3048}      | 150 {3810}      |
| C - Width                                     | 38 {990}  | 38 {990}        | 38 {990}        | 38 {990}        |
| D - Centerline height ± 3 {76.2}              | 42 {1067}   | 42 {1067}       | 42 {1067}       | 42 {1067}       |
| <b>Weight lb {kg}</b>                         |   |                 |                 |                 |
| Installed                                     | 2400 {1088}   | 2500 {1134}     | 2500 {1134}     | 2700 {1225}     |
| Shipping                                      | 2700 {1225}   | 2900 {1315}     | 3100 {1406}     | 3600 {1633}     |
| <b>Electrical requirements full load amps</b> |   |                 |                 |                 |
| 230V/3Phase/60Hz                              | 22.2  | 22.2            | 25.6            | 25.6            |
| 460V/3Phase/60Hz                              | 14.1  | 14.1            | 19.3            | 19.3            |

**SPECIFICATION NOTES:**

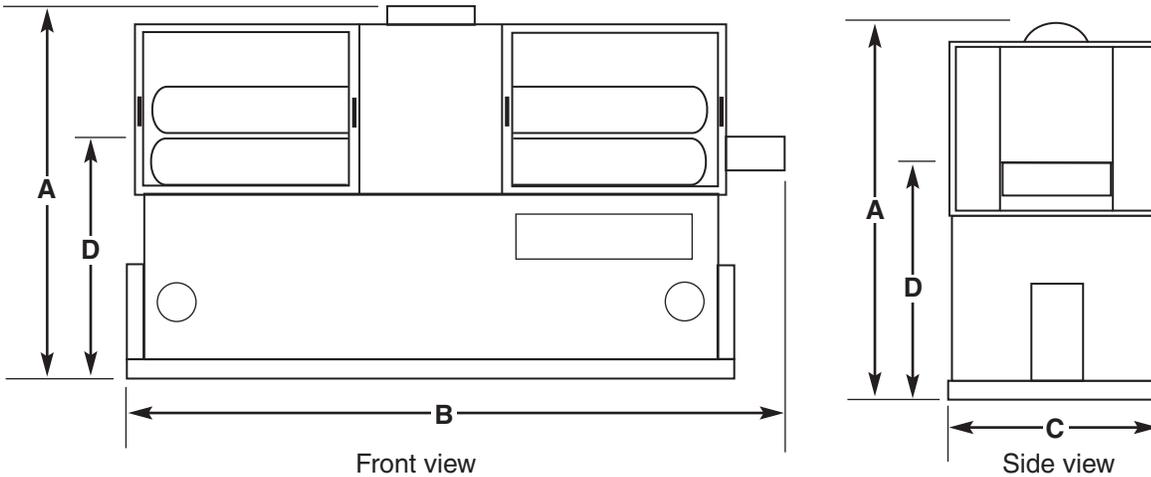
\* Motor horsepower are listed as standard. Line speed requirements may change horsepower requirements.

These tables define standard configurations only.

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

## CP SERIES CLEATED PULLER

## SPECIFICATIONS



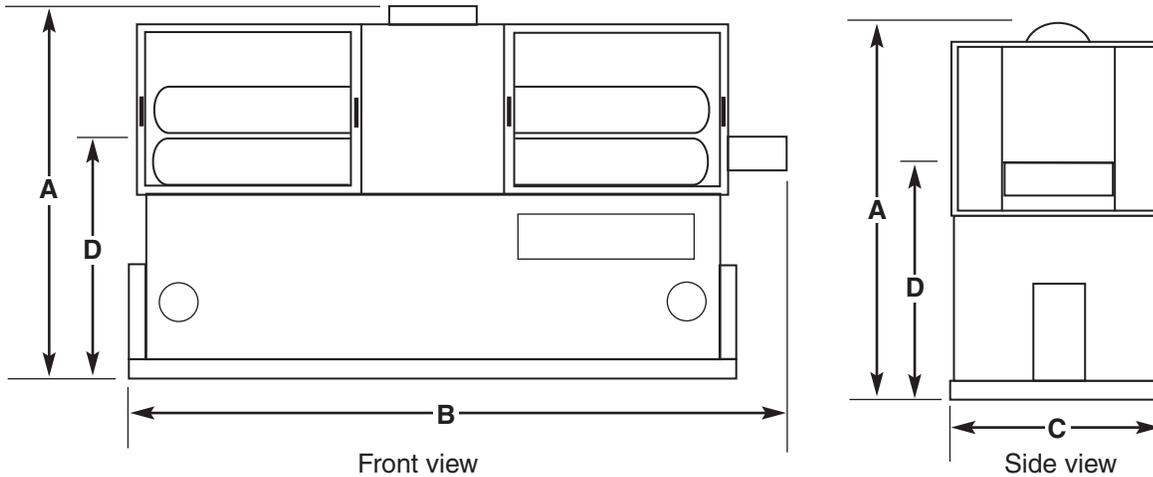
| MODELS  | CP10100   | CP10120          | CP1250           | CP1280           |
|---|---|------------------|------------------|------------------|
| <b>Performance characteristics</b>            |   |                  |                  |                  |
| <b>Applications</b>                           | Profile   | Profile          | Profile          | Profile          |
| Capacity inches {mm}                          | 8 x 10 {203x254}  | 8 x 10 {203x254} | 8 x 10 {203x254} | 8 x 12 {203x304} |
| Cleat width inches {mm}                       | 10 {254}  | 10 {254}         | 12 {305}         | 12 {305}         |
| Cleat contact length in. {mm}                 | 100 {2540}  | 120 {3048}       | 50 {1270}        | 80 {2032}        |
| Maximum feed opening in. {mm}                 | 8 {203.2}   | 8 {203.2}        | 8 {203.2}        | 8 {203.2}        |
| Pull force lbs/kg                             | 2500 {1134}   | 2500 {1134}      | 2500 {1134}      | 2500 {1134}      |
| Drive motor*                                  | (2) 5 Hp  | (2) 5 Hp         | (2) 3 Hp         | (2) 5 Hp         |
| <b>Belt speed ranges ft/min {m/m}</b>         |   |                  |                  |                  |
|   | 1-10 {0.3-3}  | 1-10 {0.3-3}     | 1-10 {0.3-3}     | 1-10 {0.3-3}     |
|   | 2-20 {0.6-6.1}  | 2-20 {0.6-6.1}   | 2-20 {0.6-6.1}   | 2-20 {0.6-6.1}   |
|   | 3-30 {0.9-9.1}  | 3-30 {0.9-9.1}   | 3-30 {0.9-9.1}   | 3-30 {0.9-9.1}   |
|   | 4-40 {1.2-12.2}   | 4-40 {1.2-12.2}  | 4-40 {1.2-12.2}  | 4-40 {1.2-12.2}  |
|   | 5-50 {1.5-15.2}   | 5-50 {1.5-15.2}  | 5-50 {1.5-15.2}  | 5-50 {1.5-15.2}  |
| <b>Cleat assemblies</b>                       |   |                  |                  |                  |
| Cleat Type                                    | Caterpillar-type traction assembly with 65 durometer non-marking cleats |                  |                  |                  |
| Cleat style                                   | Bolt-on   | Bolt-on          | Bolt-on          | Bolt-on          |
| Cleat height inch {mm}                        | 1 {25.4}  | 1 {25.4}         | 1 {25.4}         | 1 {25.4}         |
| <b>Dimensions inch {mm}</b>                   |   |                  |                  |                  |
| A - Height                                    | 84 {2133}   | 110 {2794}       | 110 {2794}       | 54 {1371}        |
| B - Length                                    | 183 {4648}  | 203 {5156}       | 68 {1727}        | 98 {2489}        |
| C - Width                                     | 77 {1956}   | 77 {1956}        | 38 {990}         | 38 {990}         |
| D - Centerline height ± 1{25.4}               | 42 {1067}   | 42 {1067}        | 42 {1067}        | 42 {1067}        |
| <b>Weight lb {kg}</b>                         |   |                  |                  |                  |
| Installed                                     | 3200 {1451}   | 3500 {1587}      | 2700 {1224}      | 3000 {1360}      |
| Shipping                                      | 4600 {2086}   | 5000 {2268}      | 3500 {1588}      | 3800 {1724}      |
| <b>Electrical requirements full load amps</b> |   |                  |                  |                  |
| 230V/3Phase/60Hz                              | 25.6  | 25.6             | 25.6             | 25.6             |
| 460V/3Phase/60Hz                              | 19.3  | 19.3             | 19.3             | 19.3             |

**SPECIFICATION NOTES:**

\* Motor horsepowers are listed as standard. Line speed requirements may change horsepower requirements. These tables define standard configurations only. Specifications can change without notice. Contact a Conair representative for the most current information.

## CP SERIES CLEATED PULLER

## SPECIFICATIONS



| MODELS  | CP6360  | CP12460         | CP8660          | CP24660         |
|---|---|-----------------|-----------------|-----------------|
| <b>Performance characteristics</b>            |   |                 |                 |                 |
| <b>Applications</b>                           | Pipe  | Profile         | Profile         | Profile         |
| Capacity in. {mm}                             | 6 dia. {152}  | 12 dia. {305}   | 18 dia. {457}   | 24 dia. {610}   |
| Cleat width in. {mm}                          | 1 {25}  | 3 {76.2}        | 3 {76.2}        | 3 {76.2}        |
| Cleat contact length in. {mm}                 | 60 {1524}   | 60 {1524}       | 60 {1524}       | 60 {1524}       |
| Maximum feed opening in. {mm}                 | 6.5 {165.1}   | 13.2 {335.3}    | 19.5 {495.3}    | 25.8 {655.3}    |
| Pull force lbs/kg                             | 2500 {1134}   | 2500 {1134}     | 2500 {1134}     | 2500 {1134}     |
| Drive motor*                                  | (3) 2 Hp  | (4) 2 Hp        | (6) 2 Hp        | (6) 2 Hp        |
| <b>Belt speed ranges ft/min {m/m}</b>         |   |                 |                 |                 |
|   | 1-10 {0.3-3}  | 1-10 {0.3-3}    | 1-10 {0.3-3}    | 1-10 {0.3-3}    |
|   | 2-20 {0.6-6.1}  | 2-20 {0.6-6.1}  | 2-20 {0.6-6.1}  | 2-20 {0.6-6.1}  |
|   | 3-30 {0.9-9.1}  | 3-30 {0.9-9.1}  | 3-30 {0.9-9.1}  | 3-30 {0.9-9.1}  |
|   | 4-40 {1.2-12.2}   | 4-40 {1.2-12.2} | 4-40 {1.2-12.2} | 4-40 {1.2-12.2} |
|   | 5-50 {1.5-15.2}   | 5-50 {1.5-15.2} | 5-50 {1.5-15.2} | 5-50 {1.5-15.2} |
| <b>Cleat assemblies</b>                       |   |                 |                 |                 |
| Cleat Type                                    | Caterpillar-type traction assembly with 65 durometer non-marking cleats |                 |                 |                 |
| Cleat style                                   | Molded  | Bolt-on         | Bolt-on         | Bolt-on         |
| Cleat height† inch {mm}                       | 1 {25.4}  | 1 {25.4}        | 1 {25.4}        | 1 {25.4}        |
| <b>Dimensions inch {mm}</b>                   |   |                 |                 |                 |
| A - Height                                    | 84 {2133}   | 84 {2133}       | 84 {2133}       | 84 {2133}       |
| B - Length                                    | 109.6 {2783}  | 109.6 {2783}    | 109.6 {2783}    | 109.6 {2783}    |
| C - Width                                     | 38 {990}  | 77 {1956}       | 87 {2028}       | 97 {2462}       |
| D - Centerline height ± 1{25.4}               | 42 {1067}   | 42 {1067}       | 42 {1067}       | 42 {1067}       |
| <b>Weight lb {kg}</b>                         |   |                 |                 |                 |
| Installed                                     | 2900 {1315}   | consult Conair  | consult Conair  | consult Conair  |
| Shipping                                      | 4500 {2041}   | 6500 {2948}     | 7500 {3402}     | 8500 {3856}     |
| <b>Electrical requirements full load amps</b> |   |                 |                 |                 |
| 230V/3Phase/60Hz                              | 25.6  |                 | consult Conair  |                 |
| 460V/3Phase/60Hz                              | 19.3  |                 | consult Conair  |                 |

**SPECIFICATION NOTES:**

\* Motor horsepowers are listed as standard. Line speed requirements may change horsepower requirements.

† CP6360 belt is a 1 inch High-Molded/60-Duro belt. Quick change cleats are available for all models except CP6360 which has molded throw-away assemblies. These tables define standard configurations only. Specifications can change without notice. Contact a Conair representative for the most current information.