

Maximum Pulling Strength with no crush

Conair CP Series cleated pullers provide enormous power to cleated belts, designed to effectively grip large extrusions and pull them smoothly through cooling and push them onto cutting operations. Thick, cleated belts deliver maximum squeezing pressure and grip on the extrusion yet with enough give to prevent product distortion. Maximum pulling strength and product quality is the result, ideal for large profiles, pipe and decking products.



Strong Pulling Performance, Day After Day After Day

Cleated pullers are the number one choice of extrusion operations that require maximum pulling power with no distortion of the extruded product. Thick, elastomeric surfaces optimize traction yet conform to the product shape. The cleated segments provide a continuous loop that rotates easily for years of low-maintenance production.

The traction assemblies are individually driven by variable frequency AC drives for maximum power and control that easily locks onto extrusion process speeds and remains consistent. The touchscreen graphical control panel provides operators with an easy to understand overview of operation, easy speed changes.

Start-ups have never been easier with side-mounted upper beam supports and pneumatic upper beam controls for easy open/close. Full size plexi-glass doors are interlocked for safety and allow for easy viewing at all times.

Belt surfaces are flat as standard. Talk to Conair about custom-machined cleated belt assemblies, to match your product geometry.

Standard models provided for 230 or 460 volt, 3-phase power.

► Consistent, accurate pulling

Variable frequency AC drives achieve a high level of accuracy.

► Dependable

Conair CP pullers have a record of low maintenance requirements, long production life and uniform pulling 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

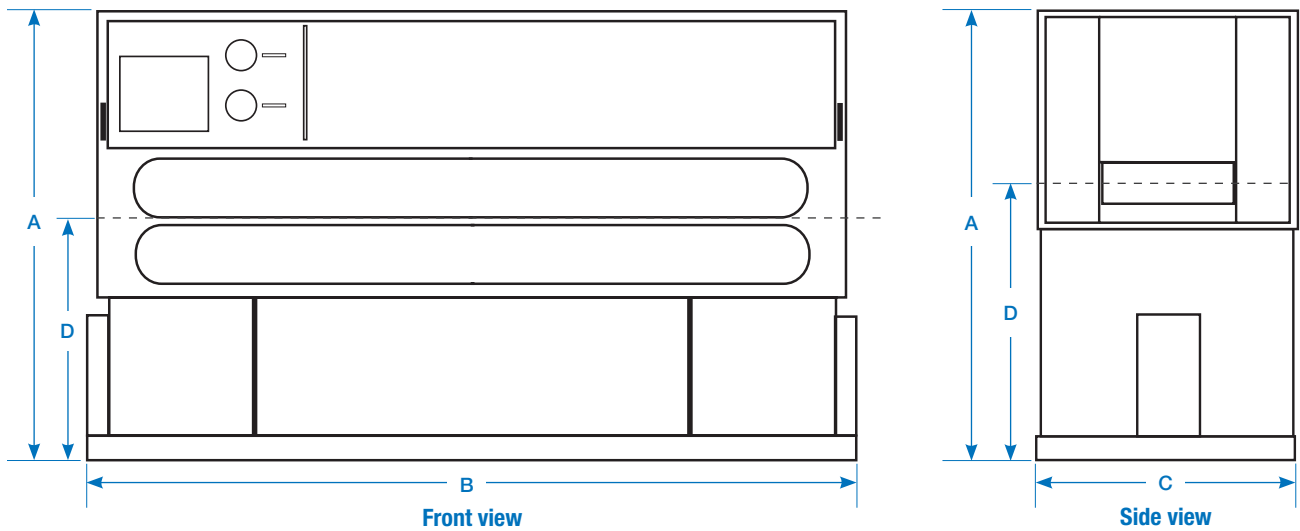
All steel-welded construction. All material parts are painted, plated or made to resist corrosion.

► Options to meet your needs

- Hand-held remote belt speed control with 100 feet of cable
- Servo drive
- Left-to-right operation
- Custom paint
- CE certification
- Optional voltages
575V/3 phase/60 Hz power supply
400V/3 phase/50 Hz power supply
- Cleats with a vee notch for tubing and small pipe
- UL certification



Specifications



Models	CP650	CP850	CP880
Performance characteristics			
Applications	Tube / Profile	Profile	Profile
Capacity inches {mm}	6 x 6 {152 x 152}	8 x 8 {203 x 203}	
Cleat width inches {mm}	3.375 {85.72}	8 {203}	
Cleat contact length inches {mm}	50 {1270}		80 {2032}
Maximum feed opening inches {mm}	6 {152.4}	8 {203.2}	
Pull force lbs/kg	1700 {771}	2500 {1134}	
Drive motor*	(2) 2 Hp		(2) 3 Hp
Belt speed ranges ft/min {m/m}			
1-10 {0.3-3}	Consult Conair for pull forces and speed ranges		
2-20 {0.6-6.1}			
3-30 {0.9-9.1}			
4-40 {1.2-12.2}			
4-40 {1.2-12.2}			
Cleat assemblies			
Cleat type	Caterpillar-type traction assembly with 65 durometer non-marking cleats		
Cleat style	Bolt-on		
Cleat height inches {mm}	1 {25.4}		
Dimensions inches {mm}			
A - Height	74 {1880}	84 {2133}	
B - Length	79 {2006}	120 {3048}	150 {3810}
C - Width	38 {990}		
D - Centerline height ± 3 {76.2}	42 {1067}		
Approximate weight lb {kg}			
Installed	2500 {1134}		2700 {1225}
Shipping	2900 {1315}	3100 {1406}	3600 {1633}
Electrical requirements Full load amps †			
230V/3 phase/60 Hz	Consult Conair		
460V/3 phase/60 Hz	Consult Conair		



The CP Puller features a full-color touchscreen control. With graphic icons, intuitive operation is simple! 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.

Specification Notes

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

