

AUTOMATIC FILLET ROLLER MACHINE

We deliver products that exceed our customer's expectations. Our systems offer state-of-the-art solutions to the Aerospace and Commercial fastener industries. We continue to innovate with cutting edge designs that our customers rely on.

PCE's precision Automatic Fillet Roller Machines provide world-class technology to our customers. Our Automatic FR4000 offers an innovative Unibody design that is simple to operate, fast and reliable featuring:

- Automatic or manual models
- 360 degree sheet metal guarding with easy access doors
- Patent pending Unibody design reduces noise and vibration
- Improved safety features with programmable safety controller
- LED IP69K internal work lights
- Precision hydraulic controlled spindle pressure system
- Automatic out of specification sort gate system
- Precision spindle position system
- Allen Bradley PLC/Control, Rockwell Automation
- 10" PanelView™ plus7 Performance HMI
- High performance processor, CompactLogix 5370
- Data collection screen
- OEE programmable calculation system capable
- Certified Load cell
- Coolant system
- 21" diameter vibratory feeder bowl system (automatic only)



CAPACITY

Diameter:
.375" to .750" (special tooling required for smaller diameters)

Length:
1.0" to 4.0"

Pressure Range:
800 to 4,000 lbs. of pressure force (1200 to 6,500 optional)

RPM Range:
150 to 1,000

Cycle Time:
2.0 sec. load/unload plus dwell time

Manual or larger machines available on request.

AUTOMATIC FILLET ROLLER MACHINE **FR4000**

SPECIFICATIONS

Hardware

Model: Automatic Fillet Roller Machine **FR1700**

Facilities

Power: 480V 60Hz 3 ph 20 AMP
Footprint: 60" x 74" x 96" (1524mm x 1800mm x 2438mm)
Weight: 3800 lbs (17245 kg)
Feeder: Vibratory feeder bowl 21" (533mm) diameter (auto only)

Software

Display: 10" (254mm) Allen Bradley PanelView™ plus 7 Performance graphic
Processors: High-performance CompactLogix 5370
Programming Skill Level: Technician or operator
Operating System: Rockwell Automation
Connection: Ethernet
Safety: Guardmaster Programmable Safety Controller

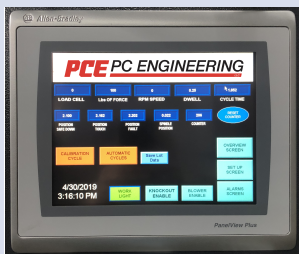
Options

Dual Auto Fillet Roller
Hand Feed with light curtain



Automatic Fillet Roller interior

Manual or larger machines available on request.



10" PanelView™ plus 7 Performance HMI



Automatic Fillet Rollers In-line

Email: info@pctechnologies.com

PH: +1 (562) 802-7472 **FAX:** +1 (562) 802-7470 • 13922 Dinard Ave, Santa Fe Springs, CA 90670