

# **RushMachinery**

Grind better.

*Easy to Use  
HMI Console*

*Fully Enclosed*

*Flood Coolant  
System*

*Automatic or  
Manual Loading*



## **End Profile Grinding Machine**

**EPG-001**

Adaptable endface grinding for tool blanks

This production machine with automatic loader is designed to prepare the ends of tool blanks to reduce the overall cycle time of the main grinding process.

With a variety of functions available to allow for pre-pointing, squaring, radii, angles, and chamfering, the **End Profile Grinding Machine** provides an adaptable solution to produce consistent high quality tool blanks.

### **Auto Loading**

Bar OD Available:  $\varnothing 3$  -  $\varnothing 20$ mm  
Loading Length: 45 - 150mm

### **Manual Loading**

Bar OD Available:  $\varnothing 3$  -  $\varnothing 25$ mm  
Loading Length: 45 - 200mm



  
Booth 237233

[www.rushmachinery.com](http://www.rushmachinery.com) • **Since 1983**  
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Proud Member

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## Machine Features

- Front Detect Function: Calculate the touch position precisely and automatically
- Colorful Touchscreen: Easily set each function and operation
- Adjustable speed in 2 rates, 0-150% Grinding Speed Adjustable
- Wheel Radius Compensation Function
- Grinding Operations:
  - Pre-Point
  - Endface Dressing
  - Radius
  - Bevel + Radius
  - Endface Dressing + Chamfering

## Technical Specifications

Machine Size (L x W x H)	64.2" (1630mm) L x 35" (890mm) W x 62.2" (1580mm) H
Machine Weight	1763.7 lbs. (800kg)
Power Requirements	3 Ø AC220V, 60Hz, 20A
Range for OD	Ø0.12" - 0.79" (Ø3mm - 20mm)
Range for Length	1.77" - 5.9" (45mm - 150mm)

*Rush Machinery provides top quality products and service that help people grind better.*

*We build and service an extensive line of production and support machines for industries that use diamond and CBN wheels and work with carbide and other hard materials.*

*Our machines are for: Truing and dressing Diamond/CBN wheels; Cutting off carbide/HSS rods and tools; Cutting, prepointing, and chamfering carbide/HSS rods; Chamfering carbide/HSS rods; Balancing wheels and tools; Grinding PCD tools; Filtering grinding oil; and Sharpening drills and tools. Our proven commitment to quality, service, and innovation has made us an industry leader since 1983.*