

## Plunger Polishing Machine

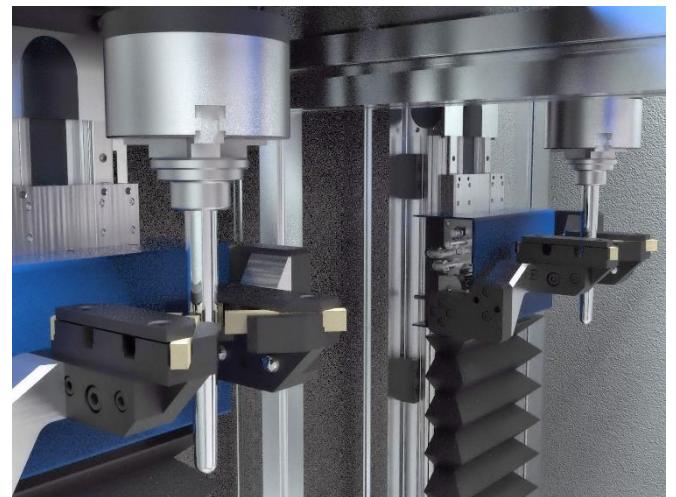


### Machine Specifications

Electric Supply	380 V 3-phase
Air Supply	Minimum 60 psi
Plungers	Maximum 100 mm diameter Maximum 300 mm height
Polishing Pressure	Variable 60 psi maximum
Linear Stroke	340 mm
Linear Drive	Festo
Stroke Speed	500 - 800 mm / Sec
Cycle Time	Programmable
Electrical System	Siemens / Festo
Operator Inputs	Touchscreen
Spindle Motor	Variable Speed

The Plunger Polisher machine has following features:

- Two fully independent linear polishing heads
- Rapid set up time
- Operator Friendly
- Servo Driven Linear Polishing Head
- Siemens Touch Screen Programming
- Fully adjustable:
  - ✓ Polishing Pressure
  - ✓ Workpiece Rotation Speed
  - ✓ Linear Stroke Speed
- Self-Centering Workpiece Chuck
- Home Positioning on Cycle Completion
- Polishing Head Retraction on Completion
- Head Centralisation and Park Positioning on Cycle Completion
- Single Output Dust Extraction Facility



## Plunger Polishing Machine

### Polishing Media:

- Diamond compounds
- Lapping tools
- Superior surface finish of  $<0,1$  Ra
- Typical setup time: 1 minute
- Short cycle times



Performance tested  
Diamond compounds



Performance tested  
Lapping Tools

### Performance Results:



Consistent superior surface finish  $<0.1$  Ra