



THE LIBERTY II

CNC ID/OD GRINDER

Greetings!

Welcome!

On behalf of Parker Majestic we would like to take you on a brief journey from the beginning of Parker to the present. It is truly a memorable and remarkable chain of accomplishments that will continue to confirm that Parker Majestic grinders are viewed in the industry as "The Cadillac" of grinders! We have not only stayed on the cutting edge of the grinding technology, but continue to remain one of the few 100% USA manufactured grinders in the industry!

History:

- 1929: Founded in the town of Troy, Michigan.
- 2001: Acquired by Penn United Technologies.
- 2002: Introduction of Parker's first CNC surface grinder ("Freedom")
- 2003: Introduction of Parker's first CNC O.D./I.D. cylindrical grinder ("Liberty I")
- 2003: Introduction of Parker's first CNC O.D./I.D. cylindrical lathe for green machining of "non-sintered" powdered metals. ("Defender")
- 2006: Introduction of Parker's second generation CNC O.D./I.D. cylindrical grinder. ***The Liberty II CNC 14x10 Combination Grinder w/Siemens Controller*** (Featured Below)

Invitation:

Parker Majestic dedicates itself to providing solutions to the machine tool and manufacturing industry by the design and manufacture of precision grinding machines and spindles.

We do this by providing functionality and flexibility. Combining Parker Majestic's legendary precision grinding technology with Siemens Controllers has resulted in extremely accurate, yet versatile machines.

Producing high precision products where accuracy and tolerances are critical makes Parker Majestic grinders an intelligent choice for meeting the needs of modern production environments.

Please take advantage of the technology advancements offer by Parker Majestic (and the 2009 extension of enhanced bonus depreciation) and give us a call!



Quick Links

[Parker Majestic](#)

[Penn United](#)

Contact Us

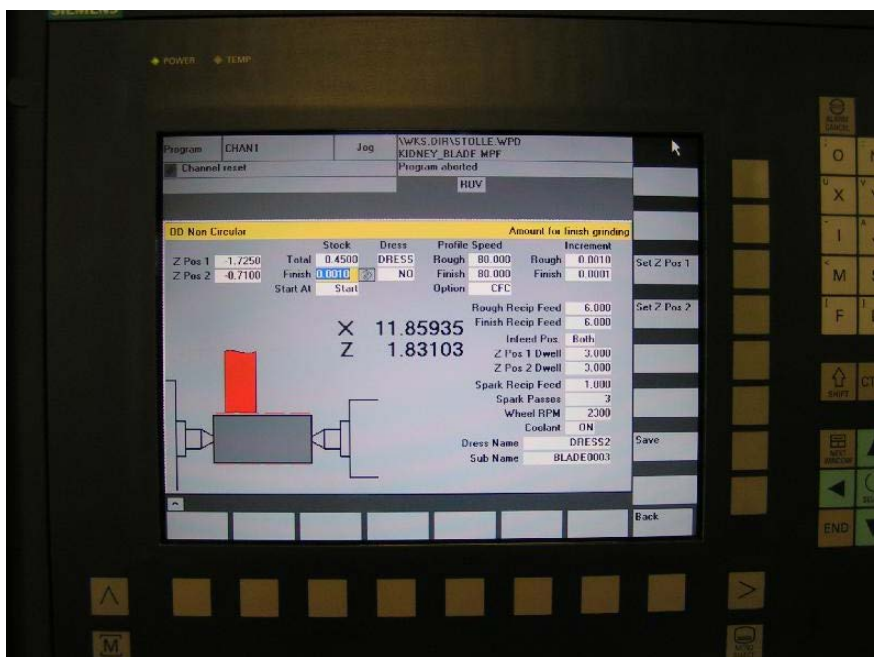
300 North Pike Road
 Sarver, PA 16055
 (p) 724.352.1551
 (f) 724.353.1196

[E-mail](#)



Machine Specifications:

- Table Size - 5" x 32" (127 x 812 mm)
- Z-axis travel - 18"
- X-axis travel - 10"
- C-axis speed - 0-1000 rpm
- Footprint - 84" x 62"
- Machine height - 65" without mist filter option
- Machine height - 78" with mist filter option
- Part swing - Diameter - 14"
- Work Head TIR - .000050"
- Machine weight - 6200 lbs.



Partial List of Standard Equipment

- High quality, stress relieved cast-iron construction
- Direct drive motorized internal grinding spindle
- Belt-driven external grinding spindle (12" diameter grinding wheel)
- Siemens SINUMERIK 840D/DE CNC with SIMODRIVE 611D Digital Drives and Servos
- (11) Dress cycles (OD and/or ID)
- Cycles of varying complexity to best suit the operator's needs
- Automatic wheel compensation
- (5) OD Grind cycles
- (4) ID Grind cycles