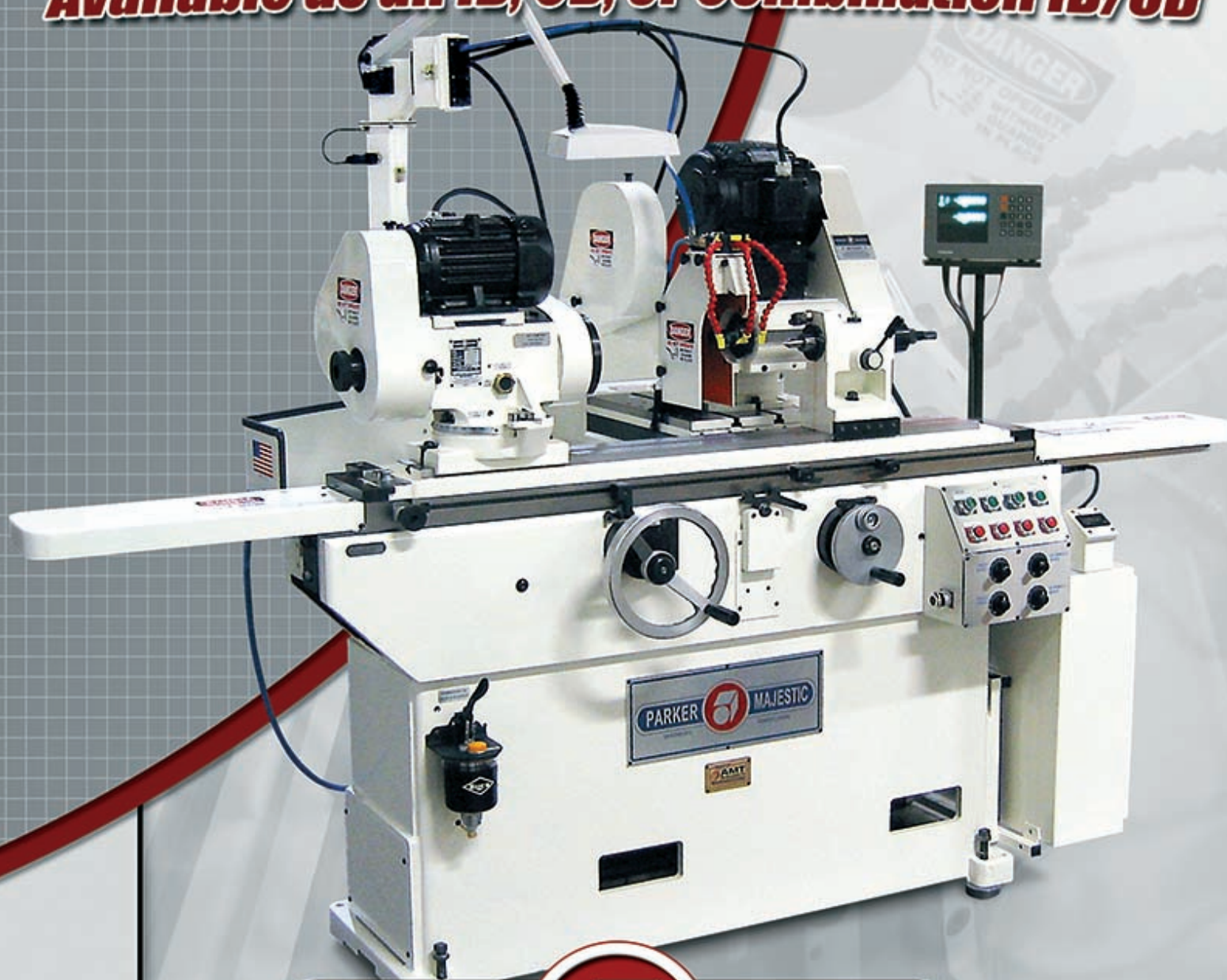


# **14x30**

## **MANUAL CYLINDRICAL GRINDERS**

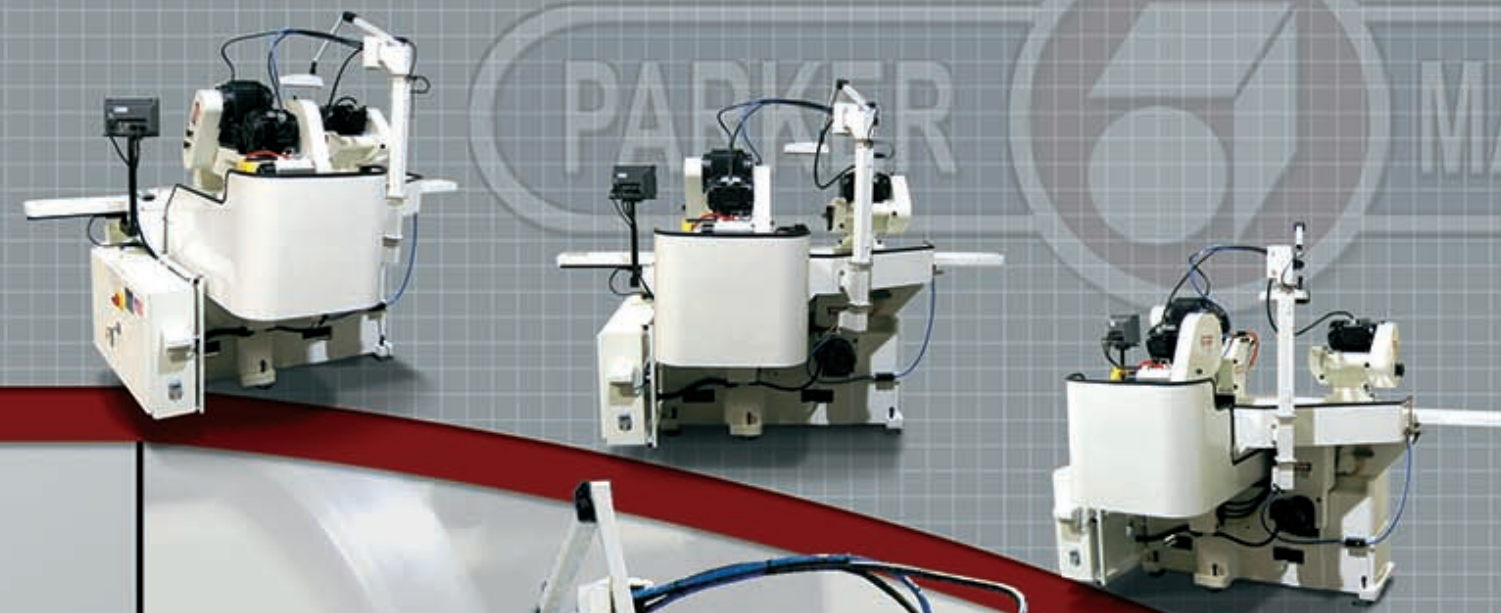
*Available as an ID, OD, or Combination ID/OD*



**PARKER**  **MAJESTIC**

**American Built Since 1929**

**Parker Majestic cylindrical grinders have a proven reputation for durability, longevity and precision. With hand scraped ways, heavy-duty precision spindles and cast iron bases, these machines are built to be the best grinders on the market. The quality and reliability of Parker Majestic grinders is what manufacturers have come to rely on when durability and precision are important. Parker Majestic grinders are built by the best machine tool builders in the business.**



**FEATURE HIGHLIGHTS:**

- Free standing 17 gallon coolant system
- Variable speed electric table drive for quiet, smooth operation
- Variable speed workhead
- Built-in lubrication system
- Convenient and easy operator controls
- Heavy-duty external grinding spindle (OD and Combination only)
- Rigid dead center drive (OD and Combination only)
- Hardened and ground workhead nose engineered to precisely accept a wide variety of chucks and face plates
- 5C collet taper ground into every workhead
- Drawbar for 5C collets (OD and Combination only)
- Heavy-duty cast iron workhead with angular contact bearings
- Heavy-duty cast iron tail stock
- Pivoting combination wheel head for extra rigidity

**A SELECTION OF AVAILABLE OPTIONS:**

- Digital readout - provide quick and accurate positioning
- Spindles, tooling and chucks - available to fit any application
- Self centering jaw chuck and magnetic chuck - for easy and convenient workholding
- Coolant system upgrade - to 45 gallons with paper filter system
- Work light

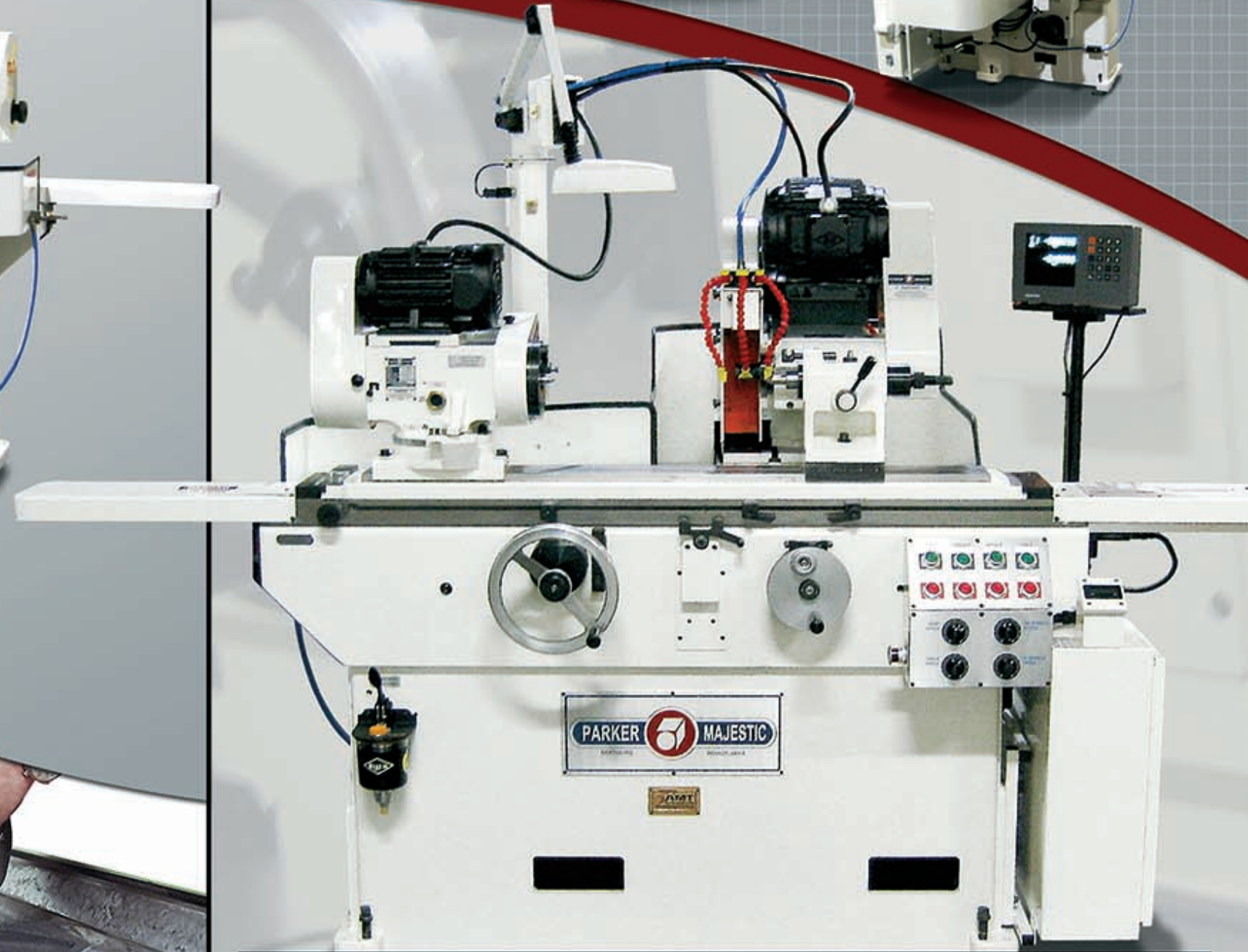


**Heavy-Duty Precision Spindles**

Parker Majestic grinding spindles benefit from the company's many years of experience in manufacturing all types of precision spindles. Our Spindles are known for their accuracy and durability. Every spindle is balanced to laboratory precision. All spindles are standard-equipped with variable speed capability.

**Hand Scraped Coated Ways**

All Parker Majestic reciprocating table surface grinders feature hand-scraped coated ways. Hand scraped ways provide maximum bearing area and promote good oil flow and a long, accurate life. Bearing material is bonded to the ways for an extremely low coefficient of friction, allowing the table to begin moving without "stick-slip". This coating also reduces the wear on the cast iron portion of travel ways. The "V" and flat way construction maintains a perfect fit over the life of the machine and maximizes the load bearing area.



Please contact Parker Majestic for complete specifications and customization options at:

**PARKER MAJESTIC**

330 East Cunningham Street, Butler, PA. 16001 Phone: 866-572-7537 (toll free) Fax: 724-431-2487  
E-mail: [sales@parkermajestic.com](mailto:sales@parkermajestic.com) [www.parkermajestic.com](http://www.parkermajestic.com)

# 14x30

## MANUAL CYLINDRICAL GRINDERS

### MACHINE FEATURES

14 x 30

Table Width x Length	5 in x 50 in (130 mm x 1,270 mm)
Distance Between Centers	28 in (710 mm)
Table Swivel	7°
Swing Over Table	14 in (355 mm)
Table Speeds (Under Power)	3 in to 30 in (75 mm - 750 mm) per minute
Headstock Swivel	90°
Headstock Speed	2 - 450 rpm
Dead Center Speeds	2 - 225 rpm
Hole Through Headstock Shaft	1 <sup>1/4</sup> in
Headstock Center Taper	#6 Jarno
Tailstock Center Taper	#6 Jarno
Cross Feed Travel	7 in (177 mm)
Cross Feed Adjustment	4 in (100 mm)
External Grinding Wheel	12 in x 1 in x 5 in (300 mm x 25 mm x 125 mm)
Table Feed Motor	3/4 hp @ 1,750/400 rpm
Workhead Motor	1 hp @ 1,750/400 rpm
Spindle Drive Motor (External)	5 hp @ 1,800 rpm / variable speed
Spindle Drive Motor (Internal)	2 hp @ 3,600 rpm / variable speed
Floore Height	46 in (1.2 m)
Floor Area	41 in x 124 in (1.1 m x 3.2 m)
Approx. Weight	4,200 lbs (1,630 kg)

### MACHINE FEATURES

Workhead Runout ID	.000050 in (.0013)
Workhead Runout OD	.000050 in (.0013)
Taper OD	.00025 in/ft. (.00001/300 mm)
Roundness	.000050 in (.0013)
Finish	8 ra

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