

# Century Machinery Co., Inc.

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Ref. Number G4800-10338

- Air Compressor
- C.N.C. Machine Tools
- Fabricating Equipment
- Fluid Forming Press
- Industrial Machinery
- Machine Tools
- Profilers 3 and 5 Axis
- Routers: Pin, Radial & CNC
- Sheet Metal Machinery
- Woodworking Machinery

1 – used **BROWN & SHARPE UNIVERSAL CYLINDRICAL GRINDER**

Model 1 Serial Number 521-1-803

Condition: VERY LITTLE USE Taken from US Government long term storage

**SPECIFICATIONS**

**CAPACITY**

|   |                                       |
|---|---------------------------------------|
| Swing over Table.....   | 10" Diameter                          |
| Length between Centers, Nominal .....                           | 20"                                   |
| Length between Centers, Maximum.....                            | 22 <sup>3</sup> / <sub>4</sub> "      |
| Distance, Centerline of Work to Centerline of External Grinding |                                       |
| Spindle .....   | 11" max., 2" Min.                     |
| Swivel Table graduated to an angle .....                        | 8 <sup>1</sup> / <sub>4</sub> Degree  |
| Swivel Table Scale, Taper Per Foot.....                         | 3 <sup>1</sup> / <sub>2</sub> " (28%) |

**GRINDING WHEELHEAD:**

|  |           |
|--|-----------|
| Swivel at Wheelslide (either way)..... | 90 Degree |
| Wheel Spindle Swivel (either way)..... | 90 Degree |

**GRINDING WHEELS: Two**

|                                       |                       |
|---------------------------------------|-----------------------|
| Diameter & Face x Hole Diameter ..... | 10" x 1/2" x 3"       |
| Speeds .....                          | 2500, 3000 & 3600 RPM |

**HEADSTOCK: Live and Dead**

|   |                            |
|---|----------------------------|
| Headstock Spindle Speeds: 60, 100, 200, 300, 400, 500, 560, 600 rpm.                                |                            |
| Headstock Spindle thru Hole & Nose Taper with 5" lathe nose   |                            |
| type A2..... 1 <sup>1</sup> / <sub>4</sub> " 7 B&S Headstock Swivels either side of zero 90 degrees |                            |
| Number of work rotation speeds, Infinitely Variable   |                            |
| Range of work speed .....   | 19.5, 128, 325, 540 R.P.M. |
| FOOTSTOCK TAPER.....  | No.7 B & S                 |

**TABLE: Hand 2- Speeds and Power**

|   |                |
|---|----------------|
| Power Table speeds, Infinitely Variable ..... | 3 thru 150 IPM |
| Automatic Cross infeed at table reversal.     |                |

**MOTOR DRIVES Machine Wired 440 volts, 3-phase**

|                         |  |
|-------------------------|--|
| Grinding Wheelhead..... | 1 <sup>1</sup> / <sub>2</sub> H.P. 220/440 volts |
| Headstock .....         | 1/4 H.P. 208-220/440 volts                       |
| Table .....             | 1/4 H.P. 220 / 440 volts                         |

**EQUIPPED WITH:**

Internal Grinding Attach, 1-Radius Wheel Truing Attach. 2- Universal Back Rest w/Adj. Shoe.  
1-Table type Wheel Truing Fixture. 1-Center Rest. 3-Leveling Pads.

Swiveling at Wheel Spindle Head or at the Wheel Slide permits any compound setting required in combination straight and taper grinding, external or internally.

COMPLETE FACTORY SAFETY GUARDS

**PLEASE EMAIL US YOUR REQUEST FOR A FORMAL QUOTATION WITH PRICE**

AT [sales@centurymachinery.com](mailto:sales@centurymachinery.com)

Please use this inventory reference number G4800-10338

<http://www.centurymachinery.com/request form.htm>

You may view this machine at our location under power and view photo on our website: [www.centurymachinery.com](http://www.centurymachinery.com)  
Respectfully submitted,  
CENTURY MACHINERY CO., INC.

**Appraisal Service**

**"WE PURCHASE ONE MACHINE OR ENTIRE PLANT"**

**Serving Industry Since 1934**