

# Century Machinery Co., Inc.

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Ref. Number P0298-10049

- 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

**Appraisal Service**

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

**Serving Industry Since 1934**

**FRIEDRICH DECKEL Universal PANTOGRAPH ENGRAVING & DIE SINKING MACHINE**

Model KF12, THREE-DIMENTIONAL Serial Number 1915.

**CAPACITY:**

**CUTTER SPINDLES**

Collet ..... 3/4" (Morse 2) (20mm)  
 Spindle Speeds ..... 60 thru 10000 rpm  
 Rough Milling Spindle 60 – 1000 rpm. Finish Milling Spindle 350 -10,000 rpm  
 High Finish – Milling Spindle 6,500 – 2,000 rpm.

**STATIONARY WORK TABLE:** clamping area ..... 9.85" x 27.6" (250mm – 700mm)

Maximum Distance, spindle nose to clamping surface ..... 18.7" (475mm)

Longitudinal Travel..... 11.8" (300mm), Transverse Travel..... 7.9" (200mm)

Line byline Feed Increment (Longitudinal & Transverse ..... 0.003" to 0.015" (0.1 to 0.5mm)

**STATIONARY COPYHOLDER TABLE:** clamping area ..... 16.9" x 23.6" (430mm – 600mm)

with Manual & Power Elevation.

Maximum Distance, Tracing Stylus to clamping surface ..... 16.9" (430mm)

**SUPPLEMENTAL WORKTABLE TOP:** ..... 17.7" x 17.7" (450 x 450mm)

Maximum Distance, spindle nose to clamping surface ..... 16.7" (425mm)

Maximum Displacement in Relation to Stationary Table ..... 3.94" (100mm)

**DRAG TABLE:** clamping area ..... 15.75" x 15.75" (400 x 400mm)

Maximum Distance, tracing stylus to clamping surface ..... 13.8" (350mm)

Micrometer Adjustment, two directions ..... 1.97" (50mm)

**PARALLEL GUIDING MECHANISM & TOOL SLIDE:**

Distance, cutter to stylus ..... 17.7" or 13.8" (450mm 350mm)

Vertical Travel of Mechanism ..... 1.97" (50mm)

Horizontal Travel of Tool Slide ..... 11.8" or 7.1" (300mm 180mm)

Range of Automatic Downfeed ..... 0.003" to 0.015" (0.1 to 0.5mm)

PANTOGRAPH RATIO: 1:1 & 1:1½ 1:1 to 4:1 Ratio

EQUIPPED WITH: 1-Rough Milling Spindle Unit. 1-Finish Milling Spindle Unit.

1-Fine Finishing Spindle Unit. 1-Angular Spindle Units with associated Angular Tracer Pin Holder.

1-Pantograph System & Cutter Guide Mechanism. 1-Spindle Parallel Guiding Mechanism.

1-Symmetrical Duplicating Attachment with Clamping Table Assembly. 1-Drag Table Assembly.

1-Angular Stylus Holding Bracket. 1-Auxiliary Table. 1-Movable Copyholder Table. 1-Stationary Copyholder Table.

1-Optical Tracing Attachment. 1-Pattern Forming attachment with Bearing Arm for crankpin.

1-Enlarging & Reducing Attachment. 1-Immobilizing Bracket with 4-positions for Clamping the Cutter Spindle.

2-Handwheel Reduction Gearing. 1- Copy Holder Table for type face 4¾" x 17¾". 25 Collets. Misc. Cutter Extensions.

Misc. Cutters. Misc. Tracing Stylus. Misc. Wrenches. Misc. Drive Belts. Misc. Bolts. Work Light. 1-Tool Cabinet

MOTOR DRIVE: Spindle..... 0.9 - 1.1 kw, 220 Volts 3 phase, Rapid Traverse Elevation 0.37 kw

Dimensions: Length 53" x 63" Width x 79" Height Approx. Wt. 3,400 lbs

**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 P0298-10049

<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.

