Our highly-reliable Precision-Sensitive Drill Presses meet the needs of single hole drilling applications in the range of 0.004" to 0.250" (0.1mm to 6.4mm). Our Drill Presses are available with a choice of Albrecht keyless chuck, or WW collets, as well as inch or metric gauges. With an adjustable spindle speed range of 200 to 20,000 RPM, our Drill Presses cut through most materials; such as carbon steel, stainless steel, non-ferrous metals, plastics, graphite and printed circuit boards, plus diamond drilling in ceramics, sapphire and glass.
FEEL THE DRILL
You can actually feel the cutting forces on the drill with our sensitive rack and pinion drive system. Scrapped parts and drill breakage can be minimized. Each drill press provides smooth and quiet operation, because belt tension is placed on the separate carrier ball bearings in the spindle drive assembly and not on the bearings in the spindle. The spindle is driven by a high-strength mechanism with precision balanced rotating parts.

DRILL WITH PRECISION
Perform precision drilling operations easily with a fully adjustable quill lever, plus the adjustable and calibrated quill stop can be utilized as an up or down stop. This allows the quill to be locked in a fully-extended up or down position. The quill stop can also be used as a fine down feed or as a continuously adjustable down stop for controlled incremental pecking which makes deep hole drilling easy.

MICROPROCESSOR CONTROL OPTION
An optional microprocessor-controlled quill feed for peck and reaming cycles optimizes production, as well as minimizing tool wear and breakage by delivering controlled feed rates up to 30 IPM. Our quill feed is designed to provide accurate hole depths within +/-0.001” while automatic pecking action clears chips, reduces drill wander and allows deep holes routinely and accurately with small drills. An optional foot switch is available, which provides the maximum freedom of hand movement. Manual jog keys make initial setup easy and data entry buttons with LED readout permit easy program scanning and modification. Four modes of operation are featured: Auto, Single Step, Ream, and Program. In auto mode, the cutting tool performs a pecking sequence that begins with a rapid plunge to a programmable distance above the previous cut, controlled feed to a new depth, followed by a rapid retraction to a programmable distance above the work surface and selectable dwell time that allows chips to clear. The Single Step mode enables the program to be checked one peck at a time. In the Ream mode, feed rates are controlled during both the plunge and retract strokes. In the Program mode, the operator can set quill sequence control values.

RELIABLE ACCURACY FOR ALL APPLICATIONS
With built-in accuracy and reliability, our drill presses deliver maximum performance in manufacturing and assembly areas, as well as in laboratories and engineering departments where precision production and prototype jobs are common tasks. For example: medical devices, jewelry, automotive, electronics, musical instruments as well as EDM and mold parts -- just to name a few!

MICROPROCESSOR-CONTROLLED QUILL FEED
Model 7011 for peck drilling and reaming cycles, plus routine drilling of deep holes (Factory installed). Optional footswitch M-710.

DRILL-TAP CONTROL
Model 7011 includes footswitch to reverse the spindle direction which eliminates the need for a separate tapping attachment.

WITH THE SENSITIVITY TO LET YOU FEEL THE DRILL
STANDARD DRILL PRESS
For laboratory, prototype and precision production work.

<table>
<thead>
<tr>
<th>Drill Press</th>
<th>12’ (304.4mm) Column Versions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inch</td>
<td>Metric</td>
</tr>
<tr>
<td>7000</td>
<td>7100</td>
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<tr>
<td>7050</td>
<td>7150</td>
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<thead>
<tr>
<th>Drill Press</th>
<th>19’ (482.6mm) Column Versions</th>
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</thead>
<tbody>
<tr>
<td>Inch</td>
<td>Metric</td>
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<tr>
<td>7010</td>
<td>7110</td>
</tr>
<tr>
<td>7060</td>
<td>7160</td>
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HEAVY DUTY DRILL PRESS
With more horsepower.

<table>
<thead>
<tr>
<th>Drill Press</th>
<th>T-SLOT BASE</th>
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<tbody>
<tr>
<td>Inch</td>
<td>Metric</td>
</tr>
<tr>
<td>9080</td>
<td>9180</td>
</tr>
<tr>
<td>9090</td>
<td>9190</td>
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<table>
<thead>
<tr>
<th>Drill Press</th>
<th>DRILL PRESS WITH UNIQUE OFFSET COLUMN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inch</td>
<td>Metric</td>
</tr>
<tr>
<td>7030</td>
<td>7130</td>
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</tbody>
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DRILL PRESS WITH ELBOW and DEEP THROAT
For larger workpieces.

<table>
<thead>
<tr>
<th>Drill Press</th>
<th>Inch</th>
<th>Metric</th>
<th>Type</th>
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<tbody>
<tr>
<td>7040</td>
<td>7140</td>
<td>Albrecht Chuck</td>
<td></td>
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<tr>
<td>7070</td>
<td>7170</td>
<td>WW Collet</td>
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</tbody>
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<table>
<thead>
<tr>
<th>Drill Press</th>
<th>STANDARD HEAD</th>
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<tbody>
<tr>
<td>Inch</td>
<td>Metric</td>
</tr>
<tr>
<td>7400</td>
<td>7403</td>
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<tr>
<td>7401</td>
<td>7404</td>
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<table>
<thead>
<tr>
<th>Drill Press</th>
<th>HEAVY DUTY HEAD</th>
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<tbody>
<tr>
<td>Inch</td>
<td>Metric</td>
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<tr>
<td>9400</td>
<td>9403</td>
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<td>9401</td>
<td>9404</td>
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</tbody>
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MODEL 7072 DRILL PRESS TOOL KIT
Accessory Tool Kit includes:
1” precision mini vise
2” precision screwless vise
Two "V" blocks
Precision fence w/ work stop
Four piece clamping kit #61-80 drill bit set

MODEL 9090 DRILL PRESS TOOL KIT
For use with clamping kit
9090 | 9190 | Albrecht Chuck | WW Collet

ORIG. DRILL PRESS BASE ONLY
Shown w/ optional height adjuster for mill. Models: 7405/7406 for Std head, 9405/9406 for Heavy Duty head.
**PRECISION DRILL PRESS SPECIFICATIONS**

- Keyless Albrecht chuck: 0-1/8" / 0-3 mm standard; (optional 0-1/16" / 0-1.5 mm); quick and easy drill changes
- WW collet versions 0.0039"-0.252" / 0.1-6.4 mm for less run out and improved accuracy because tool is supported closer to the spindle
- Precision ground column with head column lock
- Self-contained motor with aluminum housing; on/off switch
- Coarse depth dial 0.1"/division or 5 mm/division
- Dial gauge 0.001" or 0.05 mm/division for accurate depth control
- Dial gauge zero set knob
- Inch and metric versions
- Adjustible, sensitive quill lever - turn to adjust position
- Adjustible down stop for blind-hole drilling 0.001" or 0.05 mm/division
- Quill travel (stroke): 1.5" / 38.1 mm
- Adjustable, sensitive quill lever - turn to adjust position
- Speeds: 200 to 20,000 rpm over two belt ranges
- Spindle runout: 0.0002" / 0.005 mm TIR
- Drill Press machining capabilities:
  - Inconel: Std D/P drilling to 1/16"; Heavy Duty D/P to 1/8"
  - Steel: Std D/P drilling to 1/8"; Heavy Duty D/P to 1/4"
  - Aluminum: Std D/P drilling to 3/16"; Heavy Duty D/P to 1/4"
- Electrical: 115 volts AC, 50/60 Hz, 2 amps (220V/115V transformer available)
- Weight: 21-92 lbs. / 9.5-41.7 kg
- Shipping dimensions:
  - Models 7000/7100: 7050/7150: 7.15"W x 11.8"D x 13.5"H
  - Models 7010/7110: 7060/7160: 7.15"W x 11.8"D x 20"H
  - Models 7070/7170: 7080/7180: 7090/7190: 10.5"W x 18.5"D x 20"H
  - 266.7mm W x 469.9mm D x 508mm H
- Shipping dimensions are the same for equivalent 9000 series models

**DRILL PRESS OPTIONS & ACCESSORIES**

- WW Collets, 0.0039" - 0.252" (0.1mm - 6.4mm)
- WW Arbor to Jacobs "0" taper allows chucks to be used in collets
- Precision fence gauge (Model 727)
- Accessory tool kit (Model 728)
- Dual column/dual head (Model 729)
- Albrecht keyless chucks, 0-1/8" (0-3 mm) and 0-1/16" (0-1.5 mm)
- 220V Power kit converts 220 to 115 VAC
- Jacobs key chuck, 0-5/32" (0-4 mm)
- Standard mill R8 taper adaptor kit (Model 705)
- (enables mounting of head to milling machine)
- Drill-tap control with foot switch (Model 709)
- Through hole option available on Albrecht chuck versions (0.05" diameter)
- Bases and heads can be purchased separately
- Tilt & rotate articulating head bracket

*Proudly manufactured in the USA by Servo Products Company*

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Web: www.servoproductsco.com

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Largo, FL 33773  
Ph: 727.585.8555 Fax 727.585.6555

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