

# Power Feed Units

## Power Feed Units

### Quill Feed Units for Manufacturing

Hause Machines offers power feed units for a variety of machining applications including: drilling, reaming, tapping, threading, facing, chamfering, thread rolling, boring and counterboring. Machined materials include steel, aluminum, magnesium, cast iron, wood, plastics, glass and a range of others. Extensive testing assures customers many years of high-quality machining and trouble-free unit life.

### Literature - Power Feed Units

### Pneumatic Drilling Units

Front and rear spindle bearings give these drilling units extra support. These are long-lived, low-cost, off-the-shelf drilling units with a (1) year full warranty.

- High Speed Drilling
- Small Diameter Holes
- Optional Spindle RPM
- Optional Spindle noses
- 1" or 2" feed stroke
- Up to 4" total stroke
- Various motor mounting configurations
- Up to 2 HP

### Air Hydraulic Drilling Units

Fully customizable end-working units can be used in almost any application. Thousands of options including dual feed for drill-tapping or drill-reaming, skip feed, retract feed, spindle support for heavy tools, gear reductions and yoke operators. These are the highest quality power feed units and come complete with a (5) year limited warranty.

- Up to 7500 RPM
- Pressure Compensating Feed Valves
- Positive stop is concentric to spindle centerline
- 0" to 10" stroke and 0" to 10" of feed
- Digital readout stroke control
- Rapid advance and retract available
- Up to 5 HP

### Hydraulic Drilling Units

Heavy-duty power feed units rugged enough to withstand the harshest of environments. These units are available with high-torque spindles and use hydraulic thrust for the most demanding of applications.

- High RPM applications available
- Pressure Compensating Feed Valves available in certain models
- Up to 10" of stroke
- Digital readout stroke control available in certain models
- Up to 10 HP (application dependent)
- Various off-the-shelf units available with various spindle and motor mounting configurations
- Fully customizable units available with a wide variety of options including gear reductions, dual feed, multi-spindle head adaptations and a (5) year limited warranty
- Servo hydraulic quill units available with AC, DC or servo controlled spindle motors available

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## Lead Screw Tapping Units

Off-the-shelf units range up to 2" diameter tapping in steel. These units can run either vertical or horizontal, and a (1) year warranty is available. Fully customizable units have easily changed lead screws, step-pulleys and gear reductions options. A 5-year limited warranty is available.

- Standard and High-torque models available
- High Precision Tapping
- Over-torque protection available in certain models
- No-hole protection available in certain models
- Air or Hydraulic rapid advance available
- Various motor mounting configurations and drives available
- Many spindle options including piloted slot spindles for multiple spindle head application

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## Servo Controlled Ballscrew Units

Reprogram with the touch of a button. It's the latest in servo technology. No more setting switches for peck drilling, no more changing lead screws when changing tap sizes. We offer a complete control package for these units.

- Up to 4500# of thrust
- Up to 35 IPS rapid travel speeds
- Programmable for almost any application
- Peck feed, drap, tap, drill, ream, skip feed, etc.
- AC, DC and Servo motor available on the spindle motor

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