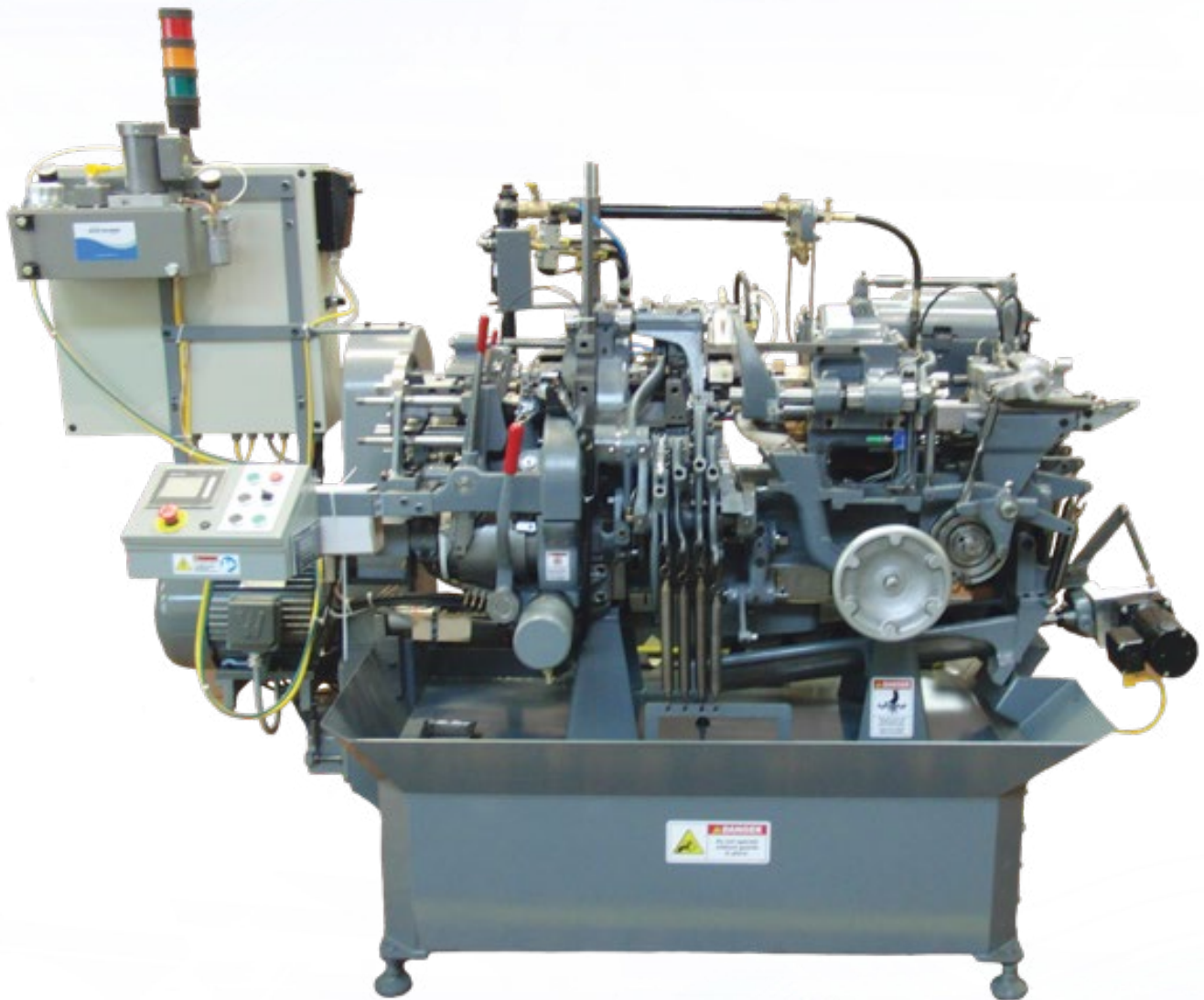


DAVENPORT
MACHINE

Davenport One Inch Model B

Frequently Asked Questions



The classic machine you know, just bigger.

Why will Davenport's new ONE INCH capacity machine improve your **production output** and improve your **return on investment** ?

Q: What is the new ONE INCH machine?

A: The ONE INCH machine is the classic Davenport Model-B for larger parts. It can feed a full Ø1.00" bar through a standard bar feeding mechanism using feed tubes, thus eliminating the need for the air-feed attachment. The larger capacity allows Davenport users to manufacture parts in a highly profitable market segment, typically relegated to larger, slower & more costly machines. ***Buying a new ONE INCH machine has a superior return on investment, when compared to rebuilding worn-out, large capacity screw machine equipment.***

Q: What has changed in the ONE INCH machine?

A: While 90% of the content of the machine shares common parts and hardware with a traditional Model-B, the most significant changes are to the spindles. The entire spindle package has been enlarged from the bronze boxes, down to the feed tubes, and from the collets all the way back to the stock reel. A handful of levers in the chuck & feed mechanisms have also been modified to accommodate the larger components on the left end bracket.

Q: Has anything else been upgraded?

A: We have upgraded the standard stock depletion mechanism to our newest, most reliable stock depletion sensor, previously available ONLY on HP machines. The ONE INCH now also comes with a variable-speed, motorized chip conveyor.

Q: Can I still use all of my Davenport tools and attachments?

A: You can still use the vast majority of Davenport Tools and Attachments. Davenport has developed a specific ONE INCH-Ready tool package to meet all your tooling needs.

Q: What size part can the pick-off spindle handle?

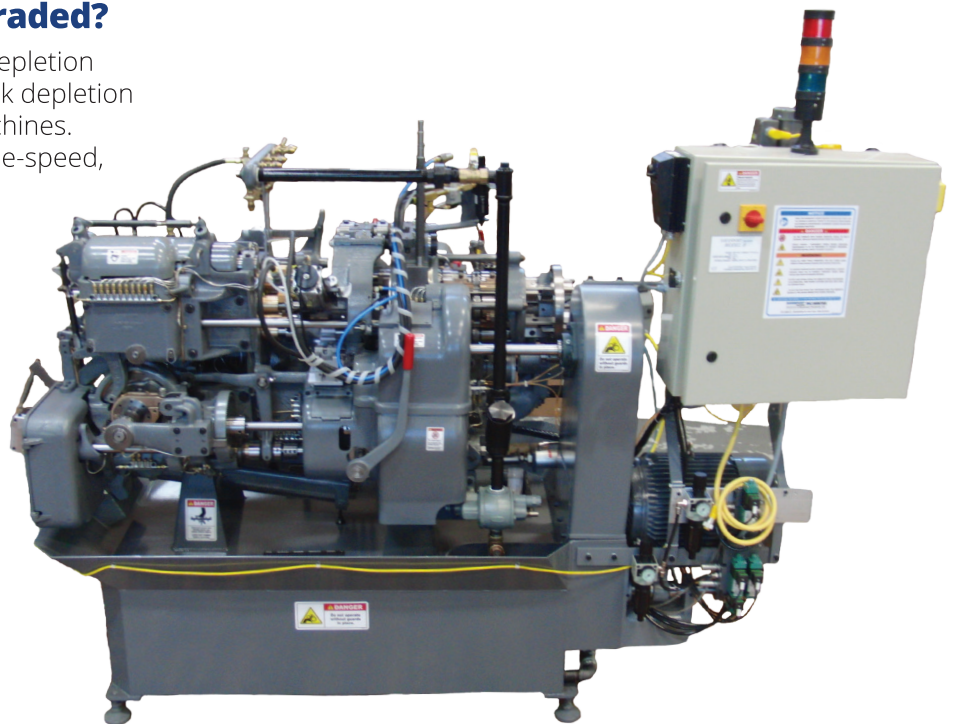
A: The new ONE INCH pickoff spindle is capable of pulling a full 1.00" diameter part through a bent-shank tap if required.

Q: Why do the turnbuckles look different?

A: To handle the increased tool loads generated by running larger diameter, and longer length parts, the turnbuckles have been upgraded to a heavy duty design that reduce tool pushback, chatter and part size variation.

Q: How much room does a ONE INCH machine take up on my factory floor?

A: The ONE INCH machine has an identical footprint to Davenport Model-B machines, and is less than half the size, both shorter and narrower, than other multi-spindle machines with 1" diameter part capability. Replacing each of those larger, aging machine tools with two brand-new INCH MACHINES will more than double your plant output without adding 1 square foot of infrastructure. ***That will certainly lead to superior return on investment.***



ONE INCH MACHINE

The classic machine you know, just bigger

**DAVENPORT
MACHINE**

ONE INCH MACHINE

The classic machine you know, just bigger

- **Bronze Box Spindles redesigned for larger bar capacity**
- **New 1-inch capacity**
 - burring spindle
 - barrel chucks
 - feed tubes and feed housings
 - left-end bracket
- **1-inch versions of all standard form tools, circular tools, etc.**
- **Compatible with almost all major Davenport attachments**
- **Several chucking and feed levers modified to accommodate larger components**
- **Upgraded stock depletion switch**

