

DAVENPORT
MACHINE



DAVENPORT **HYBRID**

A PROFILE OF PRODUCTIVITY



Made in the USA

WWW.DAVENPORTMACHINE.COM

INDUSTRY LEADER FOR 125 YEARS

THE DAVENPORT HYBRID **DRIVES SUPERIOR RETURNS** FOR YOUR SHOP



Made in the USA

With legendary Davenport speed, CNC functionality, robust chassis, quicker set-up and easier operation, plus superior process capability...the New Davenport Hybrid is your go-to machine for demanding production requirements.

DAVENPORT
MACHINE

CAPABILITIES:

- Intuitive CNC Control
- Single point threading
- Single point part contouring — 2 axis CNC Slide
- Superior length control
- Independent spindle, as well as global size control
- Faster setups with modular tooling and no side cams
- Machines Aerospace & High Temp Alloys — optimized and strengthened NEW Bed Casting/NEW Machine Base
- Adjust tooling via NEW controls interface

THE RIGHT MACHINE FOR YOUR PARTS

AEROSPACE INDUSTRY

- Extreme or Exotic Materials
- Tight Tolerance

AUTOMOTIVE INDUSTRY

- High Volume Precision Parts
- Best in Class Machine Repeatability
- Stainless Alloys

MEDICAL INDUSTRY

- "SWISS" style parts

ELECTRONICS INDUSTRY

- High Volume
- High Material Removal
- M2 Threads and Knurled Micro-Insert

HYDRAULICS INDUSTRY

- Complex Geometry
- High Quality Surface Finish

GENERAL INDUSTRY

- Dynamic Speed
- Improved Efficiency
- Multiple Part Features and Secondary Machining

MAKE SMALL PARTS QUICKLY, EASILY & ECONOMICALLY



AUTOMOTIVE

Material: 303 Stainless

Cycle Time: 12s

Unique Features:

- Contoured O.D. (+ .0000 / - .0005)
- Contoured I.D. with undercut
- Hex
- Cross Drilled Hole



MEDICAL

Material: 17-4 Stainless

Cycle Time: 17s

Unique Features:

- Milled feature
- Spherical Radius



HYDRAULICS

Material: 360 Brass

Cycle Time: 7.2s

Unique Features:

- Cross drilled hole
- Saw cut flat

**DAVENPORT
MACHINE**

BEST DAVENPORT EVER

- Most **RIGID**
- Most **ACCURATE**
- Most **FLEXIBLE**
- **EASIEST** to setup
- **EASIEST** to run

HYBRID will out-produce any multi-spindle on the market.

The DAVENPORT HYBRID costs a fraction of the multiple, single spindle lathes it could replace.

BEST RETURN ON INVESTMENT OF ANY LATHE IN ITS CLASS



HYDRAULICS

Material: 360 Brass

Cycle Time: 5.5s

Unique Features:

- Square wrench flats
- Thread rolled O.D.



HYDRAULICS

Material: 360 Brass

Cycle Time: 4s

Unique Features:

- Angled trepan groove
- Tapered I.D.



HYDRAULICS

Material: ECO Brass

Cycle Time: 4s

Unique Features:

- Thread rolled nose
- Single point threaded
- 1/8-27 NPT

**DAVENPORT
MACHINE**

NEW SOLUTIONS TO YOUR TOUGHEST CHALLENGES

TOUGH MATERIALS

- Aerospace Alloys
- Stainless Steels
- High Strength Pre-hardened Steels

TIGHT TOLERANCES

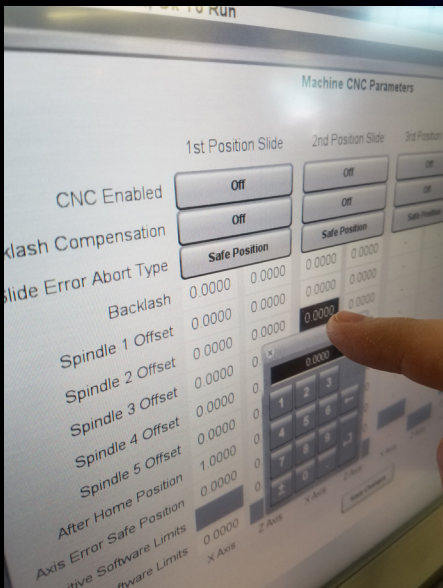
- Diameter
- Length Control

SMALLER JOB SIZES

- Shorter, More Frequent Setups

CHANGING WORKFORCE

- Experienced Operators Retiring
- New Operators — Different Skillsets



GENERAL INDUSTRY

Material: 12L14

Cycle Time: 6s

Unique Features:

- Single point boring operation
- Unique contoured face groove
- I.D. tolerance within .001



GENERAL INDUSTRY

Material: 12L14

Cycle Time: 3.8s

Unique Features:

- Thin Wall (0.016")
- Unique Polygon Generation
- Precision Thread Rolling

*If you have a part or family of parts that you believe would benefit from the enhanced features and capabilities of the **HYBRID**, we would welcome the opportunity to review your parts and provide feedback.*

Please contact us at:

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