

PRECISION ON DEMAND **DESKTOP CNC MACHINE**

WHAT IS Spyder CNC?

High precision, rigid and portable desktop CNC milling machine for metals, plastics and wood. APSX SPYDER is a complete, ready-to-mill system that includes embedded PC, and a mist system. It is designed to replicate vertical machine center precision in a router package.

WHAT DOES IT SOLVE?

The SPYDER makes precision machining affordable and easy for all. It is an alternative to the traditionally expensive, overpowered and large CNC machines, It can be used for production, R&D, prototyping, and education. It is a perfect recipe for sustainable manufacturing.

WHY USE THE SPYDER?

- No-maintenance and no-rust
- Low entry and setup costs
- Cooling with air/alcohol mist
- Made in the USA

OUR CONTACT



info@apsx.com



513-716-5992



11121 Kenwood Rd., Blue Ash,
OH 45242 USA



www.apsx.com

SCHEDULE A SHOWROOM VISIT

www.apsx.com/scheduling

APSX SPYDER CNC Machine
Desktop Size

APSX-CNC
SPYDER



PRECISION ON DESKTOP

There is another way

**APSX Machines*

www.apsx.com

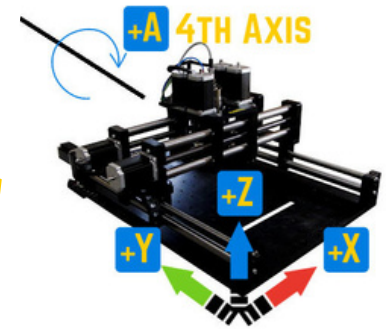




APSX SPYDER SPECIFICATIONS

KEY FEATURES

- Compact design (30" by 23" footprint)
- Strong body structure** with hard anodized aluminum and 1" steel shafts
- Stepper** motors (4 for Z, 2 for X and Y axis)
- Cutting envelope (20" X 12" X 4")
- Achievable machining accuracy (<0.001")
- Adjustable mist amount on workpiece
- Overload protection with auto-stop
- Optional 4th axis
- 110V standard wall outlet



OPTIONAL 4TH AXIS

The 4th rotary axis headstock, firmware and wiring are added during the machine assembly.

INSTALLATION?

The start up process is very simple: The machine is already pre-assembled. Open the crate, place the SPYDER on a desk or stand, plug and start using.

Content of the crate:

- APSX SPYDER CNC Machine
- Wireless keyboard and control pendant
- Embedded motherboard - no PC required
- APSX CNC software (installed)

KEY SPECS

- 2000 - 20000 RPM Pressured Air-Chilled 800W Spindle
- PC, keyboard and pendant are included
- Free SPYDER CNC software is installed
- 1/4" end mill is included for ER11 collet
- Up to 144 IPM [inch per minute]
- Warranty: 6 months
- Max Z-axis is 6 inches with 1" extensions
- Fusion 360 post processor

DESKTOP CNC WHEN TO USE

- Metal and plastic parts in several industries such as automotive, marine and motorcycles.
- Short run parts production.
- Aluminum plastic injection molds and tools.
- Gunsmithing parts.
- Education in high schools and technical colleges.
- FIRST Robotics Competition (FRC) teams in USA.
- Industries:**
- Aerospace, automotive, drones, firearms, medical, dental, surgicals, military and aviation.

APSX SUPPORT CENTER

apsx.com/cnc-support-center



APSX LLC
ADVANCE PRODUCTION SOLUTIONS

