



ASJ: ASCENT SCALABLE JOINING DRILL & FILL PROCESS HEAD SOLUTION

- **Ascent Aerospace** is a leading provider of tooling systems, factory automation and integration services for the aerospace, defense and space industries.

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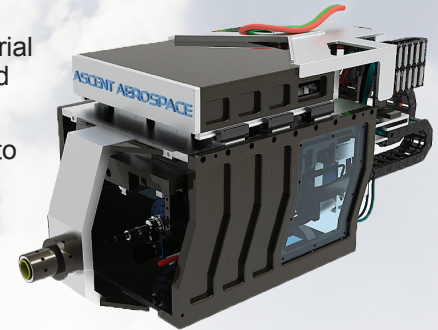
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FEATURES

- **Dimensions:** 16.50 in. x 45.50 in. x 17.85 in. (inclusive of cable tracks)
- **Total Weight:** 330 Lbs. (inclusive of cables)
- **Clamp Force:** 50 to 300 lbs. (programmable)
- **Digital Normality:** +/- 0.5°
- **Spindle speed range:** 60 – 20,000 RPM
- **Spindle torque:**
 - 15 Nm @ 60 – 600 RPM
 - 4.5 Nm @ 6000 – 20,000
- **Tool Holder:** HSK interface w/ pneumatic power drawbar
- **Bit Coolant:** Thru-bit coolant capable (MQL)

BENEFITS

- **Greater Scalability** - Scale from drill only to full multifunction within one package
- **Reduced Size & Payload** - Reduced weight / inertia leads to faster and smaller machines
- **High Quality, Precision Components** - Utilizes robust industry standard components for improved reliability and development risk mitigation
- **Modular Configuration** - Industrial proven modules to match desired processes
- **Superior Flexibility** - Mounts into multiple motion platform options
- **Process Enabling Features** - Modules dedicated to increasing availability and quality



MOUNTING CONFIGURATIONS

Robot

Gantry

Arc Frame