



ACS: ASCENT CONFINED SPACE DRILL & COUNTERSINK 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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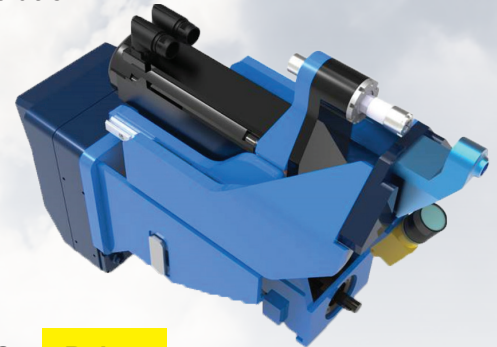
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FEATURES

- **Dimensions:** 16.50 in. x 45.50 in. x 17.85 in. (inclusive of cable tracks)
- **Total Weight:** 100 Lbs. (inclusive of cables)
- **Clamp Force:** 50 to 300 lbs. (programmable)
- **Digital Normality:** +/- 0.5°
- **Spindle speed range:** 60 – 9,600 RPM
- **Spindle torque:** 2.8 Nm
- **Tool Holder:** Collet system
- **Bit Coolant:** Programmable MQL
- **Materials:** CFRP & Metallic structures capable

BENEFITS

- **More Accessibility:**
 - Reach areas that are typically closed off to automation
 - Designed & capable of drilling inner, stacked material structure
- **Compact Profile** – Condensed physical size but still able to carry all advanced features necessary for high quality drill/countersink operation
- **Highly Flexible Robotic Solution:**
 - Multiple robot platforms can be chosen to reach more holes
 - Add a seventh and eighth axis to create a larger envelope



MOUNTING CONFIGURATIONS

Robot