Pendulum Upper Head Drilling & Fastening Solution

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

Get in touch with us today!
PENDULUM UPPER HEAD: DRILLING & FASTENING SOLUTION

FEATURES

• Clearance: Up to 3” upper tooling clearance
• Clamp Force: 100 to 1,000 lbs. (programmable)
• Spindle speed range: 3,000 RPM – 18,000 RPM
• Upset Force: 20,000 Lbs. maximum upset force
• Tool Holder: Collet interface
• Materials: CFRP & Metallic capable
• Fastener Capabilities: Solid rivets and 2 piece fastening

BENEFITS

• Current & Future Aero-structures Ready - Dual sided applications for both metallic & composite structures
• Cost - Simple, low-cost platform for a multitude of different applications
• Higher productivity for airframers:
  • High quality installed fasteners
  • Quick fastening rates
  • Unmatched reliability
• Unique upper head design with high-speed drill spindle
  • optional straight down sealant or camera positions
• Fasteners - Variety of fasteners, including interference-fit pins
• Configuration - 2- or 3- positions on upper head (depending on application needs)

MOUNTING CONFIGURATION C-FRAME