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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HIGH FORCE LINEAR UPPER HEAD: DRILLING & FUEL TIGHT FASTENING SOLUTION

FEATURES
• Clearance: Up to 3” upper tooling clearance
• Clamp Force: 200 to 2,000 lbs. (programmable)
• Spindle speed range: 200 RPM – 20,000 RPM (high torque spindle)
• Upset Force: 50,000 Lbs. maximum upset force
• Tool Holder: HSK40 interface w/ drawbar
• Materials: CFRP & Metallic capable
• Fastener Capabilities: Fatigue rated fuel tight slugs, Solid rivets, and 2 piece fastening

BENEFITS
• Current & Future Aero-structures Ready - Dual sided applications for both metallic & composite structures. Primarily wing and CWB applications.
• Up to 10 Fasteners per Minute - High force linear head in straight line application
• High Squeeze Force Capability - Utilizes straight down buck for squeeze/squeeze process for installation of slugs on wings and CWB
• Multi-function flexibility - 2 high torque spindles (drill and shave) plus additional positions on linear slide for application modules (sealant, fastener install, flushness measurement, etc.)
• Adaptable Positioning – Up to 6-axes of coordinated motion

MOUNTING CONFIGURATION C-FRAME