



HIGH FORCE LINEAR UPPER HEAD DRILLING & FUEL TIGHT 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!

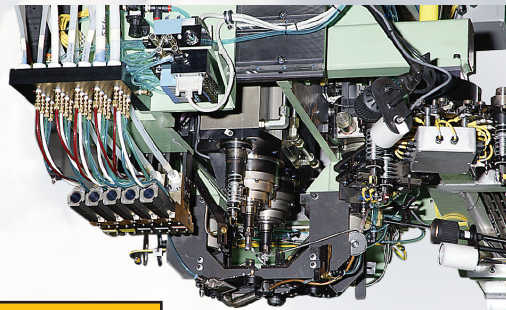
HIGH FORCE LINEAR UPPER HEAD: DRILLING & FUEL TIGHT FASTENING SOLUTION

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