



APKM: ASCENT PARALLEL KINEMATIC MACHINE DRILL & TRIM 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!

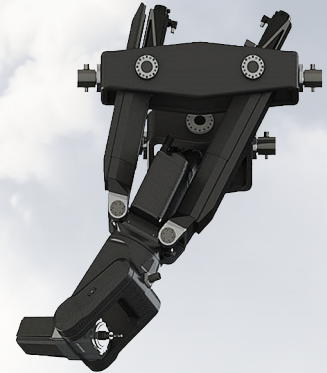
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FEATURES

- **Module Envelopes & Rotations:**
 - -300C 300 x 300 x 300 mm
 - -500M 2000 x 1500 x 500 mm
 - -700M 2500 x 2000 x 700 mm
 - A-axis +/- 360°
 - B-axis XT model (+135° / - 7°) /
XMINI model (+115° / - 4°)
- **Positioning:** 0.0068" (0.173 mm)
spherical diameter true position
- **Repeatability:** 0.0002" (0.005 mm)
- **Acceleration:** 2 g
- **Spindle Speed:** (-300C: 20k RPM /
-500M: 24k RPM / -700M: 18k RPM)
- **Tool Holder:** HSK (-300C: 40E /
-500M: 50E / -700M: 63A)
- **Pressure Foot:** Optional for controlled
countersink depth

BENEFITS

- **Manufacturing Leverage** - Machine tool tolerance with the flexibility of an industrial robot
- **Extreme Accuracy** - Machine performance to meet the industries' tightest tolerances
- **Infinite Applications:**
 - Industrial robot flexibility for multiple mounting poses
 - Either standard or custom applications to meet specific needs
- **Multiple Product Series & Sizes** -
Right sized automation to meet the customer's requirements



PROCESS HEAD
CONFIGURATIONS

DRILL SPINDLE

TRIM SPINDLE