

**A&D Precision, Inc.**  
**Equipment & Facilities List**  
**ADI-SP-630-1, 6-10-16**

**Assembly & Integration Dept**

- 1,800 Sq. Ft Certified Class 1,000 Clean Room; Class 100 Capable
- 1,400 Sq. Ft Class 10,000 Clean Room with 1 Ton Bridge Crane
- Certified Varian Leak Check Equipment
- 3,000 Sq. Ft Kitting & Inventory Storage Area

**CNC Milling Dept**

- Matsuura H Plus 630 Horizontal Machining Center (6 pallet); 39.5 x 42 x 39.5
- Niigata SPN-50 Linear Pallet Horizontal Machining Center (6 pallet); 29.5 x 29.5 x 29.5
- Matsuura H Plus 405 Horizontal Machining Center (17 pallets ) 26x26
- 2 – Matsuura ES-450HII Horizontal Machining Centers (5 pallet); 18 x 16 x 16
- 2 -- Haas VF6 Vertical Milling Center; 64 x 32 x 30
- 2 – Haas VF3YSS Vertical Milling Centers; 40 x 30 x 20
- Haas VF3YT Vertical Milling Center; 40 x 26 x 20
- Matsuura 760 Milling Center; 30 x 14 x 20
- Matsuura 510 VG Milling Center; 24 x 14 x 28
- Matsuura 510 VF Milling Center; 24 x 14x 20
- Haas Tool Room Mill
- Hass UMC 750 5-Axis: Can Fit up to 27" Round
- Hass UMC 750 5-Axis: Can Fit up to 27" Round

**CNC Lathe Dept**

- 3 Nakamura Slant 4, Horizontal Turning Center; 27 x 18
- Nakamura TMC-15 Horizontal Turning Center with LNS Bar Feed System; 5/8 with 6" Chuck
- Doosan Horizontal Turning Center with LNS Bar Feed System; 1 5/8 with 6" Chuck

**Conventional Machining Dept**

- Engine Lathe; 18 x 60 gap; 28" swing
- Sharp QMV2 Vertical Milling Machine

**CAD/CAM Systems**

- Solidworks
- Mastercam CAD/CAM System

**Quality Assurance**

- Zeiss Contura G2 CMM; 39 x 63 x 25
- Zeiss Eclipse CMM; 28 x 28 x 18
- 14" Optical Comparator with Digital Read Out
- Temperature Controlled Environment
- Compliant with ISO 9001:2008 and ISO 13485:2003 calibration standards
- MH3D Tesa Manual CMM