

MACHINING

Large Gantry's multi spindles

3 and 5 axis
160 wide 180 ft long



Single spindle high speed gantry 5 axis

110 wide 864 in long

High speed gimble head

127 x 94 y 46 z
167 x 114 y 56 z



Small gantry

5 axis
167 x 114 y 69 z

Seat Track machine

48 wide 36ft long



An additional arsenal of machine tools
From 104 wide x 530 long

3, 4, and 5 axis machines of varying sizes

We are experts in machining of aluminum, titanium, steel and nickel alloys. (Conventional and high speed) Special applications, vacuum machining, complex shapes, and prototype applications.



STRETCH FORMING

Large Stretch press

400 Tons capacity for Skins or Extrusions
110 wide x 300 in long
Overhead capabilities



Additional Stretch press capacity from
400 Tons to A/10 at 35 Tons

Center Ram Press

600 Tons with overhead 300 Ton capacity



Online Soon Spring 2007

Cyril Bath 1200 Ton

Articulating Jaws 160' wide

Can stretch 565' long "47"ft

500 Tons overhead capacity

1000 Ton center ram with a 12ft stroke

Extrusion capabilities



Note: For your particular design requirements please call or email our Engineering Department.

SHEET METAL

Large Rolls

37ft long, 26' diameter Skin quality rollers
From .100 to 4' in aluminum
For more Specifics contact Engineering



Pyramid Rolls

22ft capacity, 12' diameter



Pacific Press Brake

400 Ton capacity
24ft long

Pacific Press Brake

400 Ton capacity
32ft long

Small Bench rolls available



Cincinnati Shear

25ft long
Digital Back Gage

Thompson Horizontal Extrusion Rolls
4'x 4' capacity

PROGRAM MANAGEMENT & PROJECT ENGINEERING

For programs requiring special needs, AMSI has program management available for your convenience

- **Start up** – Scheduling, Capacity, and Human resources forecast
- **Concurrent Engineering Reviews** – Reduce the risk to schedule and enhance the programs success.
- **Customer Updates** – Milestone Charts and Coordination Teleconferencing.
- Single Point contact that will give you the answers or channel the call to get you same day results.
- Program manager and project engineer teams are assigned to all development and start up programs to provide quick response to our customers needs using the latest tools and reporting techniques.

THERMAL PROCESSING

Age Oven
35ft long 14ft
NADCAP approved

Hot Joggle Press
Digital Controller
Digital Recording

Titanium capabilities



Note: For specific applications contact the Engineering Department

ENGINEERING

CAD/CAM

11 Design and NC Programmers with a combined experience of over 200 years in aerospace.

SKILLS

Tool Engineering and Design
Process Engineering
NC Programming
Project Management
Current Manufacturing methods

SOFTWARE

CATIA V4 and V5
Unigraphics
Vericut
Solid works
A combine total of 11 CAM Seats

Supported translation modules include:

- IGES
- ACIS SAT
- ACIS SAB
- DXF/DWG
- STL
- STEP
- ATS

All Data transfer methods supported