

SPIRIT AEROSYSTEMS

SHEET METAL FABRICATION

Capabilities Specifications

Sheet Metal Overview — Spirit AeroSystems' sheet metal fabrication capabilities include stretch and hydro forming, roll, hammer, profiling, gauge reduction of extrusions and aluminum heat treat. Spirit is also experienced in subassemblies.

778,479
square feet

30,000
part numbers



Chord Trimmers

- Maximum length of 246"
- Contours with a radius up to 141.9"
- Hole locations true position of 0.014"

Stretch Presses

- Maximum working length of 336.0 inches +/- two degrees on angularity
- 34 extrusion shapes

Hydro Forming Press

- Hydro Forming Press: Maximum length of 144.0" and width of 42.5"

Extrusion Mills

- Minimum length of 0.5"; maximum length of 12"
- Gauge reduction, step cuts and contour milled within part
- Hole locations true position of 0.014"

Heat Treat

- 870° to 995°F
- 40' and 30' furnaces

Capabilities:

- Roll, hammer, brake and hydro forming
- Extrusion stretch press
- Profiling and gauge reduction
- Close tolerance drilling
- Aluminum heat treat
- Subassemblies

Core Products:

- Windows, frames and beams
- Lobe frames
- Join ring frames

WHERE **FLIGHT** BEGINS™

