

Equipment List

SSI's fabrication expertise is outlined in the table below:

Machine, Weld, & Paint Capabilities

- ✓ Precision mill and lathe
- ✓ 3 axis CNC mills,
- ✓ Sheet metal fabrication: bending/rolling
- ✓ Water jet cutter
- ✓ Shot & bead blast, Application of coatings
- ✓ Certified welders

Assembly Capabilities

- ✓ Build-up of sub assemblies into major assemblies
- ✓ Drill, countersink, & rivet
- ✓ Assembly bonding
- ✓ Hydraulic & electrical assemblies
- ✓ Functional test

Ballistic Foam/Composite Capabilities

- ✓ Polyurethane foam spraying
- ✓ Polyurethane foam fabrication and shaping
- ✓ Reticulated polyurethane foam shaping
- ✓ Polyethylene foam shaping
- ✓ 5 axis & 3 axis CNC routers

Additional Composite Capabilities

- ✓ Wet Lay-up
- ✓ Vacuum bagging
- ✓ Vacuum Infusion Process (VIP)
- ✓ Resin Transfer Molding (RTM)
- ✓ Composite bonding

We're here to help