



# 5 Forming : Large Sheet Metal Parts



## PROCESS DESCRIPTION

## CAPABILITIES



- End Pull Stretch Form —————> 3X up to 2400mm by 10160mm, 700 Ton
- Side Pull Stretch Form —————> 8X up to 2540mm by 5480mm, 750 Ton
- Extrusion Stretch Form —————> 9X up to 7800mm, 25 Ton
- Brake Press —————> 4X up to 4800mm, 750 Ton
- Roll Forming —————> 8X up to 4600mm
- Heat Treat and Age —————> 2X drop bottom ovens, 3 age ovens
- 3 Axis CNC Routing —————> 1X 1200mm by 3600mm
- 5 Axis CNC Routing —————> 4X up to 2300mm by 7900mm

## PRODUCT IDENTIFICATION

- Leading Edge Skins
- Fuselage Skins
- Winglet Skins
- Doublers

## DIFFERENTIATION

- Winglet LE Skin Forming
- Polished Skin Forming
- Dozer capability
- Vertically integrate company, including chemical milling and finishing
- Two facilities with redundancy
  - Vista, CA
  - St. Charles, MO

## QUALIFICATIONS

- AS9100
- NADCAP – Non Destructive Testing
- NADCAP – Processing
- NADCAP – Heat Treat
- OEMS – Boeing, Gulfstream, GE-MRAS, MIL-SPEC



**Vertically Integrated Capability with World Class Experience**