

Thermal Mechanical Processing: Forming

Function (Stamping/forming)

- Multi-purpose double action forming press

Capabilities:

- Local temperature control
- Double action forming 300x230Ton
- FB35"xSS35"x 24" Daylight

Operational:

- Est. Delivery Jan/Aug 17
- Installed 4Q 2017

Vendor: Interlaken Technology (ITC)

- Up acting configuration
- Work platform in front of press
- Unitest control system
- Hydraulic power supply
- Complete system
- Super ServoPress 300 Ton (2670kN) clamp, 230 Ton (2046kN) punch
- 609mm stroke on clamp and punch
- 36" (800mm) between the columns, front to back and side to side, 24" (600mm) daylight

New operational target: 2017-2Q

TOOLING...

- LDH
- Marciniak
- FLC/FLD
- Nakajima
- Bulge Testing, 100mm, 200mm
- Hole Expansion, flangibility
- Deep Drawing Test
- Cup Test
- Engelhardt Test
- Earing Test
- Fukui Test
- Olson/Erichsen punches/rings
- OSU Forming/ Friction



OPTIONS...

- Sheet & Tube Hydroforming
- Hot Gas Forming to 1000°C
- Hot Oil Forming to 300°C
- Warm Forming to 500°C
- Hot Forming to 1000°C
- Hot Forming with in Die Quenching (Hot Stamping) to 1000°C
- Isothermal Forging-1400°C
- Digital Image Correlation (DIC) camera system
- Custom voltages/Hz
- Metric or English display

