

Turning machines

- WT300, Quantity: 5
 - Nakamura, Dual Spindle 4500 rpm
 - Maximum Turning Diameter 270mm
 - Maximum Spindle Speed 4500 rpm
 - Maximum Turning Length 780mm
 - Maximum Bar size 65mm
- NTRX-300, Quantity: 2
 - Mill Turn
 - Dual Spindle with Robotic loading Capabilities
 - Maximum Turning diameter Ø640mm, Maximum Spindle Speed 4500 rpm
 - Maximum Turning Length 1150 mm
 - Y axis travel 250mm



Milling machines

- Mam72 63, 5 Axis, Quantity: 2
 - Matsuura
 - 18 Pallet
 - X-760mm, Y-844mm, Z-609mm
 - Work piece envelope Ø720mm x H450mm
 - Working surface 500mm x 500mm
- Mam72 63, 5 Axis
 - Matsuura
 - 6 Pallet
 - X-760mm, Y-844mm, Z-609mm
 - Work piece envelope Ø720mm x H450mm
 - Working surface 500mm x 500mm
- Mam72 35, 5 Axis, Quantity: 3
 - Matsuura
 - 32 Pallet
 - X-254mm, Y-384mm, Z-878mm
 - Work piece envelope Ø350mm x H240mm
 - Working surface 500mm x 500mm
- H.Plus-405, 4 Axis, Quantity: 2
 - Matsuura
 - 12 Pallets
 - Work piece envelope Ø700mm x H850mm
 - Rapid traverse rate 60m/min(2.362 rpm)
 - Pallet size 500mm x 500mm



- VX-1500, 3 Axis
 - Matsuura
 - X-020mm, Y-610mm, Z-610mm
 - Work surface 1020mm x 610mm
- MC1000, 3 Axis
 - Matsuura
 - X-1020mm, Y-510mm, Z-527mm
 - Work surface 1020mm x 510mm
- Fanuc RoboDrill, 5 Axis, Quantity: 2
- Fanuc RoboDrill, 3 Axis, Quantity: 3
 - Fanuc
 - X-500mm, Y-400mm, Z-330mm
 - Work surface 500mm x 400mm

Inspection units

- CONTURA ZEISS CMM, Quantity: 2
 - X-600mm, Y-600mm, Z-700mm
 - Resolution 0.003mm
- Duramax ZEISS CMM, Quantity: 4
 - X-500mm, Y-500mm, Z-500mm
 - Resolution 0.006mm
- Wenzel CMM
 - X-800mm, Y-1000mm, Z-700mm
 - Resolution 0.050mm
- Equator Gauging System, Quantity: 2
 - Work envelop $\varnothing 300\text{mm} \times \text{H}150\text{mm}$
 - Comparison uncertainty $\pm 0.002\text{mm}$
- Faro Arm
 - Platinum
 - 48" x 48" Portable
 - Resolution 0.020mm
- Laser Scanner
 - Creaform Go!Scan 20
 - Resolution .004"
 - Ideal size $\varnothing 9"$

Automation

- Fanuc Robotic Arm, Quantity: 5
- Universal Robotic Arm, Quantity: 4

