

# CHARLOTTE INDUSTRIES FACILITIES LIST

## SOFTWARE

### CAD

- Solidworks 2020

### CAM

- SolidCAM 2019
- Mastercam 2020

## CNC MILLING

- Haas VF-5SS Vertical Machining Center  
4<sup>th</sup> Axis Rotary with Simultaneous Capability  
50" x 26" x 25"  
With WIPS Renishaw Wireless Probe System
- Haas VF-4SS Vertical Machining Center  
4<sup>th</sup> Axis Rotary with Simultaneous Capability  
50" x 20" x 25"  
With WIPS Renishaw Wireless Probe System

- Haas VF-4SS Vertical Machining Center  
4<sup>th</sup> Axis Rotary with Simultaneous Capability  
50" x 20" x 25"
- Haas Super VF-3 Vertical Machining Center  
4<sup>th</sup> Axis Rotary with Simultaneous Capability  
40" x 20" x 25"
- HA5C Rotary
- HRT210 Rotary

## CNC TURNING

- Hitachi Seiki Model Hitec Turn 20SIII  
CNC Lathe 12.5" x 24.5"  
2" Spindle Bore
- Hitachi Seiki Model HT 23J  
CNC Lathe 12.5" x 24.5"  
2-5/8" Spindle Bore

## TURNING

- 200 FORTUNE 20" X 80" Lathe 3 1/8" Spindle Digital Readout Gap Bed 26"
- Republic 18" x 40" Lathe 2 1/8" Spindle Digital Readout Gap Bed 24"
- Victor 16" x 60" Lathe 2" Spindle Gap Bed 22"

## MILLING

- Lagun Horizontal Mill 18" x 50" Digital Readout Auto Feed
- Lagun Horizontal Mill 18" x 52" Digital Readout Auto Feed
- Lagun Horizontal Mill 18" x 48" Digital Readout Auto Feed
- Aliant Horizontal Mill 18" x 40" Digital Readout Auto Feed
- Vannorm Horizontal & Vertical Mill 18" x 40"

## GRINDING

- Chevalier 6" x 12" Chuck
- Doall 8" x 18" Automatic Chuck

## SAWING

- Kysor Johnson 8" x 10" Capacity Horizontal Cut-off Saw
- Lenton Vertical Band Saw with Welder Auto Feed
- MACC 350 Cold Saw

## WELDING

- 200 AMP Mig Welder
- Miller AC-DC Welder

## PRESSES

- Drake Press
- N.C. Tool 20 Ton Press