

Waterjet Cutting Systems

Work Cell #1 30" x 48" x 8" Travel Three Heads CNC Controller	Work Cell #4 48" x 96" x 12" Travel Triple Heads CNC Controller	Work Cell #7 96" x 144" x 12" Travel Quad Heads CNC Controller	Work Cell #10 48" x 67" x 10" Travel Non-abrasive (water-only) Three Heads CNC Controller
Work Cell #2 30" x 48" x 8" Three Heads CNC Controller	Work Cell #5 48" x 96" x 12" Travel Triple Heads CNC Controller	Work Cell #8 96" x 144" x 12" Travel Quad Heads CNC Controller	Work Cell #11 120" x 360" x 12" Travel Quad Heads CNC Controller
Work Cell #3 48" x 96" x 12" Travel Triple Heads CNC Controller	Work Cell #6 48" x 96" x 12" Six Heads CNC Controller	Work Cell #9 144" x 144" x 12" Travel Quad Heads CNC Controller	

Waterjet Pumps: (5) 150 HP Intensifier Pumps, (1) 125 HP Intensifier Pump, (1) 75 HP Intensifier Pump

Laser Cutting Systems

Bystronic Bystar 4020
 Up to nearly 2,000 in./min.
 Cutting tolerances of +/- .0012"
 Holds up to 3500 pounds of material
 157" x 79" work envelope
 Bytranscross material automation
 Shuttle table system

Bystronic Byspeed 3015
 4400 Watt
 Bytranscross material automation
 Accuracy of +/- .005"
 Carbon steels up to 1.00"
 Stainless Steels up to .500"
 120" x 60" work envelope

Welding

GTAW/GMAW
 Mig Welding
 Tig Welding

Forming

72", 100 ton Press Brake
 168", 350 ton Press Brake
 Bystronic Xpert 320

Finishing

Timesaver 1100 Dual Head Wet
 Timesaver 36" Wide Dry
 Various deburring equipment
 Royson Automated Tumblers
 Sandblaster
 Large capacity tumblers

Engineering

MasterCam
 AutoCAD Inventor
 rev.2011
 AquaCam DNC
 Application R&D
 I-Gems
 Bysoft/Bybend

Inspection Equipment

CMM by Tesa, Micro Height 3D
 48" x 48" Virtek Laser Inspection Machine
 Optical Comparator: Accuracy to +/- .001"
 Digital Height Gauge
 60" DRO Calipers
 24" DRO Calipers
 Granite Surface Plate
 Gauge Pin Sets

CNC Equipment

HAAS-VF6 CNC: VMC
 HAAS-VF4 CNC: VMC
 HAAS-VF3YT CNC: VMC
 Doosan Puma, 2000 SY CNC Lathe
 Haas HL-2 CNC Lathe
 Haas ST-20SS CNC Lathe
 Haas ST-30SSY CNC Lathe
 Bridgeport Romi Manual Lathe

Other Equipment

Horizontal Band Saw:
 12" x 10" Capacity
 (3) Bridgeport Vertical
 Mills: 9" x 42" Work
 Area
 Multi-Station Drill
 Presses, Vertical Band-
 saw