

Waterjet Cutting Systems

Work Cell #1 30" x 48" x 8" Travel 4 Heads CNC Controller	Work Cell #4 48" x 96" x 12" Travel 6 Heads CNC Controller Work	Work Cell #7 144" x 144" x 12" Travel 4 Heads CNC Controller	Work Cell #9 120" x 360" x 12" Travel 4 Heads CNC Controller
Work Cell #2 48" x 96" x 12" Travel 3 Heads CNC Controller	Cell #5 96" x 144" x 12" Travel 6 Heads CNC Controller Work	Work Cell #8 48" x 67" x 10" Travel Non-abrasive (water- only) 6 Heads CNC Controller	(5) 150 HP Intensifier Pumps (1) 125 HP Intensifier Pump (1) 100 HP Intensifier Pump (1) 75 HP Intensifier Pump
Work Cell #3 48" x 96" x 12" Travel 6 Heads CNC Controller	Cell #6 96" x 144" x 12" Travel 6 Heads CNC Controller		

Laser Cutting Systems

"NEW" Byronic Bystar 4020 20,000 Watt "Fiber" ByTransCross material automation Accuracy of +/- .003" Aluminum up to 1.500" Carbon steels up to 1.500" Stainless Steels up to 1.750" 157" x 79" (4064mmx2032mm)	Byronic Bysprint 3015 6000 Watt – "Fiber" ByTransLine material automation Accuracy of +/- .0025" Carbon steels up to .750" Stainless Steels up to .500" Red Metals up to .125" 120" x 60" (3048mmx1524mm)	Byronic BySprint 3015 4400 Watt ByLoader material automation Accuracy of +/- .005" Carbon steels up to 1.00" Stainless Steels up to .500" 120" x 60" (3048mmx1524mm) 1650 pound capacity
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Welding / Forming

GTAW/GMAW
Mig/Tig Welding
Certified to D1.1 & D1.3
72", 100 ton Press Brake
168", 350 ton Press Brake
Bystronic Xpert 320

Finishing

Various deburring equipment
Royson Automated Tumblers
Large capacity tumblers
Assembly * Packaging * Kitting

Engineering

MasterCam
AutoCAD LT 2021
AquaCam DNC
Application R&D
I-Gems, Bysoft/Bybend
PC-DMIS
Bysoft 7

Outsourcing of

Plating
Heat treating
Painting
Grinding
Forging
Castings

Inspection Equipment

Romer Arm CMM – Model 7525
Starrett Vision System
"NEW" ZEISS DuraMax CMM
48" x 48" Virtek Laser Inspection
Machine Optical Comparator: +/- .001"
Digital Height Gauge
60" DRO Calipers
24" DRO Calipers
Granite Surface Plates
Gage Pin Sets

CNC Equipment

"NEW" VF5SS CNC: pallet changer
"NEW" VF4 CNC: pallet changer
HAAS-VF4 CNC: VMC
HAAS-VF3YT CNC: VMC
HAAS-VF2SS CNC: VMC
"NEW" VF2SS CNC: pallet changer
(4) Acer CNC knee mills
(2) HAAS ST-20SSY CNC Lathe
(2) HAAS ST-30SSY CNC Lathe
"NEW" Doosan Puma, GT3100 Lathe
Doosan, Lynx 2100LY
Doosan, Lynx 2100LY

Other Equipment

Sharp Manual lathe Horizontal
Band Saw: 12" x 10"
Multi-Station Drill Presses
Vertical Bandsaw
Precision Sunnen Hone
Scorpion Laser part Marker
Sandblaster 48"x24"x36"
Tapping Arm
Dot Peen Marking System
3D Printing
Ultra Sonic Cleaning