

## Waterjet Cutting Systems

<b>Work Cell #1</b> 30" x 48" x 8" Travel 4 Heads CNC Controller	<b>Work Cell #4</b> 48" x 96" x 12" Travel 6 Heads CNC Controller	<b>Work Cell #7</b> 144" x 144" x 12" Travel 4 Heads CNC Controller	<b>Work Cell #9</b> 120" x 360" x 12" Travel 4 Heads CNC Controller
<b>Work Cell #2</b> 48" x 96" x 12" Travel 3 Heads CNC Controller	<b>Work Cell #5</b> 96" x 144" x 12" Travel 6 Heads CNC Controller	<b>Work Cell #8</b> 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
<b>Work Cell #3</b> 48" x 96" x 12" Travel 6 Heads CNC Controller	<b>Work Cell #6</b> 96" x 144" x 12" Travel 6 Heads CNC Controller		

## Laser Cutting Systems

<b>Byronic Bystar 4020 20,000 Watt "Fiber"</b> 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)	<b>Bystronic Bysprint 3015 6000 Watt – "Fiber"</b> 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)
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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  
Barrel 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  
Coatings

### Inspection Equipment

Romer Arm CMM – Model 7525  
Starrett Vision System  
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

VF5SS CNC: pallet changer  
VF4 CNC: pallet changer  
HAAS-VF4 CNC: VMC  
HAAS-VF3YT CNC: VMC  
HAAS-VF2SS CNC: VMC  
(2) VF2SS CNC: pallet changer  
(2) Acer CNC knee mills  
(2) HAAS ST-20SSY CNC Lathe  
(2) HAAS ST-30SSY CNC Lathe  
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