

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 Cell #7 144" x 144" x 12" Travel 4 Heads, CNC Controller	Work Cell #10 "NEW" 96" x 144" x 12" Travel 6 Heads, CNC Controller
Work Cell #2 48" x 96" x 12" Travel 3 Heads, CNC Controller	Work Cell #5 96" x 144" x 12" Travel 6 Heads, CNC Controller	Work Cell #8 48" x 67" x 10" Travel 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	Work Cell #6 96" x 144" x 12" Travel 6 Heads, CNC Controller	Work Cell #9 120" x 360" x 12" Travel 4 Heads, CNC Controller	

Laser Cutting Systems

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)

Bystronic 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)

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
VF4SS CNC: pallet changer
VF2SS CNC: pallet changer
VF2SSYT CNC Pallet changer
VF4SS CNC:
VF3YT CNC:
(2) Acer CNC knee mills
(2) HAAS ST-20SSY CNC Lathe
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 48x24x36 Tapping Arm
Dot Peen Marking System
3D Printing
Ultra Sonic Cleaner