

Waterjet Cutting Systems

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

Laser Cutting Systems

Bystronic Bystar 4020 10,000 Watt-"Fiber" ByTransCross material automation Accuracy of +/- .005" Carbon steels up to 1.125" Stainless Steels up to 1.00" 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)	Bystronic 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

Timesaver 1100 Dual Head Wet
Timesaver debur 1200
Various deburring equipment
Royson Automated Tumblers
Large capacity tumblers
Assembly * Packaging * Kitting

Engineering

MasterCam
AutoCAD LT 2019
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
"NEW" Starrett Vision System
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

HAAS-VF6 CNC: VMC
HAAS-VF5SS CNC: VMC
HAAS-VF4 CNC: VMC
HAAS-VF3YT CNC: VMC
HAAS-VF2SS CNC: VMC
HAAS 20SS CNC Lathe
(2) HAAS ST-20SSY CNC Lathe
(2) HAAS ST-30SSY CNC Lathe
Doosan Puma, 2000 SY CNC Lathe
"NEW" Doosan, Lynx 2100LY
(4) , Acer CNC knee mills

Other Equipment

Sharp Manual lathe Horizontal
Band Saw: 12" x 10"
(3) Bridgeport Vertical Mills:
Multi-Station Drill Presses
Vertical Bandsaw
Precision Sunnen Hone Scorpion
Laser part Marker
Sandblaster 48"x24"x36"
Tapping Arm
"NEW" Dot Peen Marking System