



YOUR CONTRACT AND CUSTOM MANUFACTURING NEEDS FROM A-Z

The list below proves that the BTD list of capabilities is a long one. Many of our customers choose us because of our vast range of contract and custom manufacturing capabilities.

Whether you need to partner with BTD to engineer and manufacture one component of a larger project or you need BTD to handle a metal fabrication project from start to finish, we are the job shop that can make it happen.

The BTD Suite of Manufacturing Capabilities

- Assembly
- Finishing
- Tooling
- Stamping
- Fabrication
- Tubing
- Welding
- Machining
- Quality Control

Investing in Metals Innovation

Every year BTD invests in metal fabrication innovation. Whether it's partnering with another leader in our industry or developing a new metalworking solution, it's our intention to stay in front of your contract and custom manufacturing needs.



FIRST CLASS WORK FOR WORLD-CLASS BRANDS

It is said you are judged by the company you keep. With that in mind, BTM is proud to serve some of the best brands in their respective industries.

Our work with these companies is strictly confidential, but you can see the locations of some of the top brands we work with below:



Canada



Mexico





ASSEMBLY

Automated Assembly

(6) - Automated self piercing riveting Machines

(4) - with Fanuc robots (MN)

(2)- with a Moto man robots (MN)

Insertion Machines

(3) - Auto-Sert AS-7.5 insertion machine, 20" throat depth, 300 to 15,000 lb force range (MN)

Haeger 824 One Touch 3 multi bowl insertion machine, 24" throat depth, 1,000 to 16,000 lb force range (GA)

Other Assembly Capabilities

(5) - hydraulic C-frame presses, up to 500 ton, up to 30.75" x 50.25" bed size, up to 36" stroke
Self-Piercing Riveters (MN)

(10) - self piercing riveting machine, joint thickness 1mm to 6mm steel/ 1mm to 10mm aluminum, 20" throat depth (MN)



FINISHING & PAINTING

Belt Sanders

(3) Timesaver 36" wide belt sanders (MN,GA)

Blasting

(2) Wheelabrator table type blast finishing machine, 96" diameter table, media augur, media return (IL,GA)

Wheelabrator air blast room, single end entry, double swinging doors, 20' x 40' x 14' high inside dimensions, roof slot, sand or steel shot capable (IL)

Oxide Removal Machine (MN)

Painting

(1) GAT In-Line Automated 7-Stage Wash System, Envelope size 15' x 6' x 4', GAT Conveyor System,, Wheelabrator 8-Wheel Post Blast Monorail Machine, GAT Dry-Off Oven, GAT Gel Oven,GAT Cure Oven Nordson Excel 3002 Powder Primer Booth, Nordson ColorMax 15750CFM 2 Cube Top Coat Booth (MN)

(1) Deyco In-Line Automated 10-Stage with A-Coat and Wash System, Envelope size 9' x 5' x 42", Deyco 3" Trolley Conveyer System 10 FPM,Deyco Overhead Dehydration Dry-Off Oven: Natural Gas,Nordson Model ColorMax/E In-Line Powder Booth with 8-Automatic Spray Heads and touch up guns, Deyco Overhead Powder Coat Cure Oven; Natural Gas (GA)

Tumblers

(8) - Tumblers up to 20 cubic feet capacity (MN,GA)



TOOLING

EDM Hole Drills

(2) – Agie Charmilles Drill 11, 15.75" x 11.8" table size (MN)

EDMs

Agie Charmilles 440 Robofil, 13.7" x 21.5" table size, auto threader (MN)

(2) – Agie Charmilles 510A, 15.7" x 28.5" table size, auto threader, auto slug eject (MN)

Agie Agicut Challenge 3, 21.5" x 33.5" table size, auto threader (MN)

Agie Agicut Progress 3, 21.5" x 33.5" table size, auto threader (MN)

Mitsubishi DWC-110, 11.84" x 17.75" table size (MN)

Fanuc Alpha C600iA-12" 15.7" x 23.6" table size, auto threader (MN, IL)

Heat Treat Ovens (MN)

Manual Equipment

(6) – Geared head drill presses (MN, IL)

(7) – Radial arm drill presses (MN,IL)

(14) – Surface Grinders (MN,IL)

(6) – Hydraulic Grinders up to 20" x 60" (MN,IL)

(3) – Blanchard Grinders up to 60" (MN,IL)

Medina End Grinder (MN,IL)

(14) – Vertical Mills all with digital readouts (MN,IL)

(2) – Horizontal Mills (MN,IL)

(4) – Engine Lathes up to 28" x 60" (MN,IL)

(3) – Horizontal Band Saws (MN)

(4) – Vertical Band Saws (MN,IL)

Tryout Presses

Version 600 ton, 60" x 108" bed size (MN)

Version 500 ton, 60" x 108" bed size (MN)

Warco 350 ton, 60" x 96" bed size (MN)

Bliss 300 ton, 48" x 72" bed size (MN)

Warco 300 ton, 42" x 73" bed size (MN)



Minster 150 ton, 45" x 60" bed size (MN)

Komatsu 110 ton, 24" x 43" bed size (MN)

PA Industries SRF M32 electronic servo controlled feeder (MN)

Coil straightener's to 36" wide (MN)

Coil reels with capacities up to 10,000 lbs (MN)

Vertical Machining Centers

Mazak VARIAXIS 730-5X, 5 axis, 10k spindle, CAT 50 Taper, 28.7" x 33.4" table travel, 120 tool ATC, 1000 psi coolant thru spindle, 1102 lb table capacity (MN)

Johnford DMC2600SH, 8K spindle, CAT 50 Taper, 70" x 102" table travel, 60 tool ATC, 1000 PSI coolant thru spindle, 22,000 lb table capacity (MN)

Johnford DMC1600H, 6K spindle, CAT 50 Taper, 51" x 63" table travel, 60 tool ATC, pallet changer, 1000 PSI coolant thru spindle, 13,200 lb table capacity (MN)

Johnford SV32, 10K spindle, CAT 40 Taper, 20" x 32" table travel, 24 tool ATC, 1760 lb table capacity (MN)

OKK VM5III, 10k spindle, CAT 50 Taper, 22" x 41" table travel, 30 tool ATC, 1000psi coolant thru spindle, 1760 lb table capacity (MN)

OKK MCV 1060, 13K spindle, CAT 50 Taper, 44" x 84" table travel, 60 tool ATC, pallet changer, 1000 PSI coolant thru spindle, 11,020 lb table capacity (MN)

Supermax V116B, 6k spindle, CAT 50 Taper, 23.5" x 47" table travel, 24 tool ATC, 2646 lb table capacity (MN)

Supermax TV146B, 10k spindle, CAT 50 Taper, 23.5" x 59" table travel, 40 tool ATC, 3307 lb table capacity (MN)

YCM TV-146B, 6000 RPM spindle, CAT 50 Taper, 24" x 55" table travel, 40 tool ATC, 1000 PSI coolant thru spindle, 3300lb table capacity (MN)

Makino PS95, 14k spindle, CAT 40 taper, 20" x 36" table travel, 30 tool ATC, 1323 lb table capacity (MN)

YCM DCV2012B, 10K spindle, BT 50 taper, 43.3" x 78.74" table travel, 60 tool ATC, 8818 lb table capacity (MN)

YCM NSV 102A (IL)

Water Jets

Omax 5555, 40 hp/60,000 psi pump, table size 80" x 65", work envelope size(X) 55" x (Y) 55" x (z) 8" , repeatability +/-0.0013", max work piece load 250lbs/sq. ft. (MN)



STAMPING

45 Ton Punch Presses

Komatsu blanking press, bolster size 17.75" x 31.50", feed line max material .125" x 12"-.180" x 6" (MN)

Komatsu blanking press, bolster size 17.75" x 31.5", feed line max material .074" x 8" (MN)

60 Ton Punch Press

Stamtec forming press, bolster size 35.50" x 19.75" (MN)

80 Ton Punch Presses

(3) Komatsu forming press, bolster size 23.50" x 39.375" (MN,GA)

110 Ton Punch Presses

Komatsu blanking press, bolster size 27.50" x 43.375", feed line max thickness .075" x 24"-.105" x 18" (MN)

Komatsu blanking press, bolster size 27.50" x 43.375", feed line max thickness .105" x 18"-.165" x 6" (MN)

Komatsu High Speed blanking press, bolster size 27.50" x 43.375", feed line max thickness .105" x 18"-.179" x 6" (MN)

(2) Komatsu forming press, bolster size 27.50" x 43.375" (MN,GA)

120 Ton Punch Presses

Seyi SN1-121 forming press, bolster size 45.30" x 26.80" (GA)

150 Ton Punch Presses

Komatsu blanking press, bolster size 31.50" x 49.25", feed line max thickness .105" x 18"-.179" x 6" (MN)

Komatsu blanking press, bolster size 31.50" x 49.25", feed line max thickness .135" x 18"-.179" x 8" (MN)

Komatsu blanking press, bolster size 30" x 82.375", feed line max thickness .012" x 2.2"-.125" x 24" (MN)



200 Ton Punch Presses

Komatsu blanking press, bolster size 35" x 57", feed line max thickness .075" x 24"-.179" x 8" (MN)

Komatsu blanking press, bolster size 35" x 57", feed line max thickness .105" x 24"-.187" x 6" (MN)

Aida blanking press, bolster size 33" x 95.20", feed line max thickness .105" x 24"-.179" x 14" (MN)

Komatsu blanking press, bolster size 24" x 43", feed line max thickness .125" x 36" (MN)

Komatsu forming press, bolster size 24" x 60" (MN)

250 Ton Punch Presses

Komatsu blanking press, bolster size 37.40" x 106.20", feed line max thickness .090" x 36"-.500" x 6" (MN)

Komatsu blanking press, bolster size 37.40" x 106.20", feed line max thickness .125" x 36"-.187" x 24" (MN)

300 Ton Punch Press

Komatsu H2W 300S servo press, bolster size 47.20" x 94.50", feed line max thickness .125" x 36"-.187" x 24" (MN)

400 Ton Punch Press

Komatsu blanking press, bolster size 60" x 120", feed line max thickness .125" x 36" (MN)

600 Ton Punch Press

Blow blanking press, bolster size 60" x 120", feed line max thickness .021" x 36"-.187" x 10" (MN)

800 Ton Punch Press

Komatsu blanking press, bolster size 60" x 120", feed line max thickness .187" x 24"-.500" x 12" (MN)

Leveler

Herr-Voss leveler, max thickness .090" x 36"-.190" x 10" (MN)



FABRICATION

Lasers

NEW (1) Trumpf TRULASER 5030, 5000 watt, Fiber, table size 60" x 120", max work piece weight 2044 lbs, max material thickness 1.00" steel, .750" stainless steel, .500" aluminum (MN)

(3) Trumpf TRULASER 5030, 5000 watt, table size 60" x 120", max work piece weight 2044 lbs, max material thickness 1.00" steel, .750" stainless steel, .500" aluminum (MN)

(1) Trumpf TRULASER 5040, 5000 watt, table size 80" x 158", Max material thickness 1.00" steel, .750" stainless steel, .500" aluminum (IL)

(2) Trumpf TRULASER 3030, 5000 watt, table size 60" x 120", max material thickness 1.00" steel, .750" stainless steel, .500" aluminum (MN)

(2) Mitsubishi 3015LVP35CF 3500-Watt CO2 Sheet laser with Full Automation including multiple shelf tower (60 x 120 sheet size) (GA)

(2) Mitsubishi ML3015LVP40CFX 4000-Watt CO2 Sheet laser with full automation including multiple shelf tower (60 x 120 sheet size) (GA)

(1) Mitsubishi ML3015LVP+ 4000-Watt CO2 Sheet laser with full automation including multiple shelf tower (60 x 120 sheet size) (GA)

(1) Mitsubishi ML3015eX (S) 3000-Watt CO2 Sheet laser with full automation including multiple shelf tower (60 x 120 sheet size) (GA)

Press Brakes

Pacific K-600-11, 600 ton, bending length 168" (IL)

(1) Toyokoki HYB250 250 Ton Hydraulic press brake (400mm stroke x 4000mm bed) (GA)

Amada HFE 220-4s, 242 ton, bending length 156", repeatability 0.0004" (MN)

Cincinnati 230AF, 230 ton, bending length 144" (IL)

(1) Safan 200-4100 200 Ton electric CNC press brake (300mm stroke x 4080mm bed) (GA)

(2) - Bystronic Xpert 150, 165 ton, bending length 122", repeatability 0.00015", Bysoft offline programming (MN)

Amada HFE 130-3s, 143 ton, bending length 122", repeatability 0.0004" (MN)

Cincinnati PROFORM135, 135 ton, bending length 120", repeatability 0.0004" (MN)

(2) - Amada HFBO 125, 137 ton, bending length 122", repeatability 0.0004" (MN)

Toyokoki HYB-85, 93 ton, bending length 98.425", repeatability 0.0002" (MN)

NEW (4) Safan 80-2550 80 Ton electric CNC press brake (300mm stroke x 2450mm bed) (MN)



Accupress 7606, 60 ton, bending length 72", repeatability 0.001" (MN)

(1) Toyokoki APB5613 56 Ton electric press brake (100mm stroke x 1300mm bed) (MN)

(1) Toyokoki APB5613W 56 ton electric press brake (100mm stroke x 1300mm bed) (MN)

(4) Safan 50-2050 50 Ton electric CNC press brake (300mm stroke x 2040mm bed) (GA)

Toyokoki APB-3613WU, 36 ton, bending length 51.18", repeatability 0.00004" (MN)

Toyokoki APB-286, 28 ton, bending length 23.62", repeatability 0.00004" (MN)

Toyokoki APB-1840, 18 ton, bending length 15.75", repeatability 0.00004" (MN)

Toyokoki APB-062, 6 ton, bending length 7.8", repeatability 0.00004" (MN)

Punches

(1) Trumpf TRUPUNCH 5000, Fully automated with double material carts, 25 ton, 18 tool stations, max sheet size 60"(Y) x 120"(X), max material thickness .315" (MN)

(1) Finn-Power Shear Genius (SG-6) 29.4 Ton CNC Turret Punch with automation (60 x 120 sheet size) (GA)

(1) IRONWORKER HYD110 Hydracrop 110 Shear/Punch (GA)

(1) IRONWORKER P.P.-50 Portable Punch machine (GA)

Rolling

(1) Roundo PASS205 CNC plate roller (1/4" x 6' capacity) (GA)

(1) Bertsch Plate roll 1/4" x 6' (IL)

(1) Bertsch Plate roll 5/8" x 10' (IL)

Shears Power Squaring

Cincinnati 500 Plus CNC power squaring shear, 12' x 1/4" capacity in mild steel, 12' x 3/8" capacity in stainless steel, 30 strokes per minute, CNC back gauge 48" range, 13' squaring arm

Cincinnati 2510 power squaring shear, mechanical type, 10' x 3/8" capacity in mild steel, 10' x 1/2" capacity in stainless steel, 50 strokes per minute, front operated power back gauge 36" range, 8' squaring arm

Accushear 625010 power squaring shear, 10' x 1/4" capacity in mild steel, 10' x 3/8" capacity in stainless steel, 48 strokes per minute, CNC back gauge 36" range, 8' squaring arm



TUBING

Band Saws

Daito GA260W, capacity 11.8"W x 7"H, horizontal band saw

Hyd-Mech H-14A, automatic, capacity 14"W x 14"H, horizontal band saw

Hem-Saw BT-130HA-60, 16" x 16" round capacity, tilt frame, 60 to 400 FPM, vertical band saw

Hyd-Mech V-18A, 20" x 20" round capacity, tilt frame, 65 to 385 FPM, vertical band saw

Hyd-Mech S-23A, horizontal mitering type, 16" x 18" capacity

Hyd-Mech H14A SV horizontal CNC saw

Cold Saws

Scotchman 315HT, manual, ferrous, 16" blade

Behringer PSU-450-GS, up cut, semi automatic, ferrous, 17.7" blade

End Chamfering Machine

Soco DEF-FA/60SS double end finishing machine, .875" to 2.5" OD, 1" to 12" long (MN)

End Former

Eagle Precision, reducing and expanding, max tube size 3.00" round with a wall thickness of .125" (MN)

Tube Benders

(3) BLM E-Turn 52, fully electric, right and left hand bending with fixed and variable radius, multi stacked tooling (up to 6 stacks), max tube O.D. capacity 2" x .060" wall (MN, GA)

BLM Dynamic 4, right and left hand bending, compound tooling, variable radius tooling, multi stacked tooling (up to 4 stacks), max round 1.75" with a .098" wall thickness, max square 1.375" with a wall thickness of .060", max tube length 252" (MN)

BLM Dynamic 4, right and left hand bending, compound tooling, variable radius tooling, multi stacked tooling (up to 4 stacks), max round 1.75" with a .098" wall thickness, max square 1.375" with a wall thickness of .060", max tube length 252" (MN)

BLM Dynamic 8, right hand bending, compound tooling, variable radius tooling, multi stacked tooling (up to 4 stacks), max round 5.00" with a .125" wall thickness, max square 3.50" with a wall thickness of .095", max tube length up to 4.00" round is 255", max length over 4.00" round is 86" (MN)



(1) – BLM E Bend 76, right hand bending, compound tooling, multi stacked tooling (up to 4 stacks), max round 3.00" with a wall thickness of .125", max square 2.00" with a wall thickness of .083", max tube length 156"

(2) Pines 40, left hand bending, compound tooling, Max Centerline Bend Radius, max round 1.50" with a .109" wall thickness, max square 1.125" with a wall thickness of .109", max tube length 120"(MN)

(1) Ercolina 030 Mega Bender (horizontal radial draw tube bender) (GA)

(1) Di-Acro model 8 (horizontal bender) (GA)

Tube Lasers

BLM LT FIBER, 2000 watt, round tube size .500" to 5.50", square tube size .500" to 5", rectangle tube size .500" to 5", max material thickness .315" steel, .236" aluminum, .197" stainless steel, .197" Brass .118" copper, max tube length 27'-10", weld seam detection (MN)

(2) BLM LT712, 2500 watt, round tube size .472" to 5.50", square tube size .472" to 4.72", rectangle tube size .472" to 5.11", max material thickness .375" steel, .250" aluminum, .250" stainless steel, max tube length 27'-10", weld seam detection (MN,GA)

(2) – BLM LT722D, 2500 watt, round tube size .472" to 5.50", square tube size .472" to 4.72", rectangle tube size .472" to 5.11", max material thickness .375" steel, .250" aluminum, .250" stainless steel, max tube length 27'-10", weld seam detection (MN)

(1) BLM Adige LT8 3500-Watt CO@ CNC Tube Laser (8.60" Diameter) (GA)



WELDING

Pre Heat Ovens

(5) up to 6' x 6' x 6' (MN, IL)

Resistance Welders

(2)-Spot Weld Inc. press type, 100 KVA, 6mm auto feed (MN)

(2)-Spot Weld Inc. press type, 100 KVA, 8mm auto feed (MN)

(2)-Spot Weld Inc. press type, 100 KVA, 10mm auto feed (MN)

Spot Weld Inc. press type, 100 KVA, 3/8-16 auto feed (MN)

(3) - Spot Weld Inc. press type, 100 KVA (MN)

(1) - Rapco 6120-12 Single head spot welder

(1)- Rapco 685126120-12 Single head spot welder

(1)- Standard Spot two head spot welder

(1)- Standard FR450 single head rocker-arm spot welder

(1)- Midwest Fasteners CD100 stud welder (MN,GA)

Robot Welders

(1) Genesis dual arm robot with turntable and trunion, part envelope size is 94.125"W x Ø36", 2 Lincoln Powerwave 455 power supply's (MN)

(1) Genesis Versa system, trunion type, part envelope size 36" x 60", Idealarc CV-40C power supply (IL)

(1) ABB Flexarc 1000K dual arm with trunion, part envelope size 157"W x Ø55", 2 Miller Axxess 650 power supplies (MN)

(2)-ABB Flexarc 600R dual arm with trunion, part envelope size 78" W x Ø47", 2 Miller Axxess 450 power supplies (MN,GA)

(7)-ABB Flexarc R 250-1600 robot welder with turntable and trunion, part envelope size 63"W x Ø39.37", Miller Axxess 455 power supply's and Fronius CMT 4000 aluminum power supply (MN, GA)

(1) Motoman robot welder with turn table, part envelope size 36"W x 16"D x 16"H, Sensarc 350 power supply. (MN)



(1) OTC Daihen Fusion Arc Bullet Weld Cell 3 position turntable, robotic arm, robot controller, teach pendant, and OTC model turbo pulse 350 DF welder (GA)

(2) ABB 1RB1400M2000 ABB model robotic welder, Fronius model synergic 4000 welder, Westwood welding booth, turntable 2 position (MN)

(1) Cloos QIROX6 Cloos robotic welder, 7th axis robot, Cloos turntable 2 position, video camera system (GA)

(1) Cloos QIROXC robotic welder, 7th axis robot, Cloos turntable, 2 position video camera system (GA)

(1) Stud Welder

(1) HBS Stud welder with auto feed, welding range #4 to 5/16" – M3 to M8

(1) Midwest Fasteners CD100 stud welder

Tall Stress Relieving Furnace

15' x 15' x 20' tall stress relieving furnace

Weld Cells

(61) Steel, stainless, aluminum, mig, tig, latest model Miller welders, dual schedule, dual feeder, pulse, dual shield, and sub-merged arc (MN,IL,GA)

Weld Positioners

(20) up to 24,000 lbs (IL)



MACHINING

Gantry Mills

Quickmill Eliminator Bridge Mill, machine travel X238" Y200" Z40", 6000 RPM, CAT 50 taper, high pressure coolant, 90 degree head, 40,000 lb table capacity ([IL](#))

Horizontal Boring Mills

Doosan DBC 130, 5.1" spindle diameter, 63" x 70.8" table, 2500 RPM, CAT 50 taper, 60 tool ATC, 33,000 lb table capacity ([IL](#))

Kuraki KBT-10-DX, 4" spindle diameter, 37.5" x 43.5" table, 2500 RPM, CAT 50 taper, 6600 lb table capacity ([IL](#))

Kuraki KBI-11-WDX, 4" spindle diameter, 55" x 63" table, 2500 RPM, 40 tool ATC, CAT 50 taper, 16,500 lb table capacity ([IL](#))

Kuraki KBT-13-A, 5.25" spindle diameter, 63" x 71" table, 2500 RPM, 60 tool ATC, CAT 50 taper, 26,400 lb table capacity ([IL](#))

Horizontal Machining Centers

Mazak Nexus 6000, machine travel X31.5" Y31.5" Z31.5", 7,000 RPM spindle, CAT 50 taper, 43 tool ATC, 2204 lb pallet capacity, 1000 psi thru spindle coolant, 500mm x 500mm pallet ([MN](#))

Mazak Nexus 6000, machine travel X31.5" Y31.5" Z31.5", 10,000 RPM spindle, CAT 50 taper, 240 tool ATC, 2204 lb pallet capacity, 1000 psi thru coolant spindle, 500mm x 500mm pallet ([MN](#))

Toyoda FH1250SW, 49" x 49" pallets, machine travel X86" Y59" Z72", 3000 RPM, CAT 50 taper, 60 tool ATC, 11,000 lb pallet capacity ([IL](#))

Production Vertical machining Centers

Toyoda FV-1680, machine travels X63" Y31.5" Z31.5" 6,000 RPM spindle, CAT 50 taper, 40 tool ATC, 4,400lb table capacity, 1000 psi thru spindle coolant ([Washington, IL](#))

Mazak VTC 300C, machine travel X65" Y30" Z26" 10,000 RPM spindle, CAT 40 taper 24 tool ATC, 3,000 lb table capacity, thru spindle coolant ([Detroit Lakes, MN](#))

Fanuc Robo Drill, machine travel X19" Y15" Z12" 8,000 RPM spindle, BT30 Taper, 10 tool ATC ([Detroit Lakes, MN](#))

Mazak VTC 300, machine travel X65" T30" Z26" 12,000 RPM spindle, CAT 40 taper, 24 tool ATC, 3,000 lb table capacity, thru spindle coolant, 4th axis indexer ([Detroit Lakes, MN](#))



Mazak VTC 250 D/50, machine travel X69.3" Y25" Z25.9" 6,000 RPM Spindle, CAT 50 taper, 24 Tool ATC, thru spindle coolant, probe, 4th axis indexer, 2,600 lb table capacity
([Detroit Lakes, MN](#))

Doosan VC 430, machine travel X22" Y16.7" Z22.4" 12,000 RPM Spindle, CAT 40 Taper, 40 tool ATC, thru spindle coolant, pallet changer, 660 lb pallet capacity ([Detroit Lakes, MN](#))

Mori Seiki SV-500, machine travel X34.5" Y20" Z20" 10,000 RPM, CAT 40 taper, coolant through spindle, 30 tool ATC, 2,200 lb table capacity ([Washington, IL](#))

(2) Mori Seiki MV-65, machine travel X50" Y25.6" Z25.6" 4,000 RPM, CAT 50 taper, 30 tool ATC, 4,400 lb table capacity ([Washington, IL](#))

HAAS Model VF-3 CNC Vertical Machining ([Dawsonville GA](#))

Fadal Model VMC6030HF CNC Vertical Machining ([Dawsonville GA](#))

Mazak Model VCN Nexus 510C-II CNC Vertical Machining ([Dawsonville GA](#))

Mazak Model MTV-815/120 CNC Vertical Machining ([Dawsonville GA](#))

Turning Centers

Mazak SQT 100MY, collet chuck, 2" draw tube, 8,000 RPM spindle, bar feeder, live tool head, 4,500 RPM live tool head. Turret style tool changer ([MN](#))

Mazak Integrex, opposing twin spindles, 12" chuck main spindle, 10" chuck sub-spindle, 2.7" draw tube, 3.46" spindle bore, 3,500 RPM spindle speed, 6,000 RPM live tool speed, 40 tool magazine ([MN](#))

(2) - Mori Seki SL-15, collet chuck up to 2", 1.50" draw tube, 6,000 RPM max spindle speed, bar puller, turret style tool changer ([MN](#))

Mori Seki ZL-250, twin spindle, 10" chuck main spindle, 6" chuck sub spindle, twin turret, 2.5" draw tube, collet chuck up to 2.5", 6,000 RPM spindles, bar puller ([MN](#))

Mori Seiki SL75B, 29.92" max turning diameter, 68.92" max between centers, 1010 RPM, 6" spindle bore, 12 position turret, live tooling, programmable tailstock ([MN](#))

Mori Seiki SL403, 24.4" max turning diameter, 44.33" max between centers, 3000 RPM, 12 position turret, live tooling, programmable tailstock ([MN](#))

Mori Seiki SL35B, 14.75" max turning diameter, 35.04" max between centers, 2500 RPM, 4.13" spindle bore, 10 position turret, programmable tailstock ([MN](#))

(2)-Haas ST-20SSY, 10.00" max turning diameter, 21.00" max between centers, 5000 RPM, 3.50" spindle bore, 24 position turret, 6,000 RPM live tool, programmable tailstock, bar support ([MN, GA](#))



Vertical Turning Lathes

YouJi YV-1200ATC+C, 53.14" max turning diameter, 47.24" max height, 2400 RPM, 12 position turret, 11,000 lb table capacity ([IL](#))

Omega 60, 48" diameter chuck, 59" maximum swing, 600 RPM, 12 position turret, 4400 lb table capacity ([IL](#))



QUALITY CONTROL

Coordinate Measuring Machines

Mitutoyo CMM, 24" x 20", 16"

Numex CMM, 12" x 16" x 10"

Brown & Sharp CMM, 26.6" x 39.4" x 25.6"

Wenzel CMM, 59" x 78.75" x 47.5"

Romer Arm

Romer 3000i, 12' envelope

Faro Arms

(12) – Faro Arms (2-2-3 axis)

Faro Arm (2-2-2 axis)



PACKAGING & WAREHOUSE

Returnable Containers

Hand totes up to 6.75"H x 13"W x 45"L

Bulk Plastic containers up to 34"H x 48"W x 64.50"L

BTB can build custom returnable containers to suit your manufacturing requirements

Warehouse/Shipping Capabilities

Parts Picker

3-Wheel Sit-downs

Raymond Swing-reach Trucks

Stand-up Reach Trucks

Ottawa Commando 30-yd Tractor

Great Dane "Air-Ride" Vans

Great Dane Spring Ride Vans