

FRUSTRATED BY YOUR SUPPLY CHAIN? WISH YOU HAD AN IN-HOUSE MACHINE SHOP?

CNC PRODUCTION PARTS WITH THE RELIABILITY AND TRANSPARENCY OF A CAPTIVE SHOP
WITHOUT THE HEADACHE OR COST OF MANAGING ONE.



AEROSPACE

- Precision Machined Components
- Casting & Extrusion Machining
- Providers of PMA Components
- AS9100 Certified

DEFENSE

- Crew-Served Weapons Systems, Components & Assemblies
- Serving Multiple Tier I OEM's
- Current Tier I DOD Supplier

ENERGY

- Alloy Steel Machining components
- Machining for Downhole Applications
- Forging Machining for Drilling Applications

CAGE CODE 98454
NAICS 332710
SIC CODE 3599



NIST
800-171
Cybersecurity
Compliant



WORKING WITH BOWDEN IS LIKE HAVING AN OFFICE IN OUR SHOP

What if you could get all of the benefits of having an in-house cnc production shop, but without the cost, hassle, and management nightmare? With Bowden Manufacturing, you get the capacity, the engineering horsepower, and the transparency you need. When you talk to us, it's like talking to your own shop foreman.



- All processes and timelines are agreed upon so that clear expectations are established prior to the project beginning.
- An internal advocate, called a Customer Champion, is appointed to oversee your entire project.
- We send weekly emails that keep you up-to-date on every step of your projects progress and expected ship-dates.

**Our goal is to give you control over the process,
without the burden that comes with having to do it on your own.**

PRICING TRANSPARENCY

- Candid, two-way discussions regarding processes and materials.
- Reduce uncertainty in your costing process.
- Unlock the mystery of what Competitive Pricing really means!
- New World. New Rules.

HORIZONTAL MILLS

Machine	X-Axis Travel	Y-Axis Travel	Z-Axis Travel
Mori Seiki SH-630	33.1"	33.8"	33.1"
Mori Seiki NH-5000	24.8"	23.6"	25.6"
Tongtai	20	20	20
Tongtai	20	20	20

VERTICAL MILLS

Machine	X-Axis Travel	Y-Axis Travel	Z-Axis Travel
Haas VF7	82"	32"	30"
Haas VF3	40"	20"	25"
Haas VF-4	50"	20"	25"
Haas VF3	40"	20"	25"
Haas VF3	40"	20"	25"
Haas VF3	40"	20"	25"
Mori Seiki SV-50	31.5"	20.1"	20.1"
Haas VF2	30"	16"	20"
Haas VFOE#4	30"	16"	20"
Haas VF 2	30"	16"	20"
Haas VFOE#3	30"	16"	20"
Haas VFOE#1	30"	16"	20"
Haas VFOE#2	30"	16"	20"
Haas VFOE#4	30"	16"	20"
Haas VOE	30"	16"	20"
Haas VF 0	20"	16"	20"
Haas super Mini mill	16"	12"	10"
Haas Mini mill	16"	12"	10"
Haas Mini mill	16"	12"	10"
Haas Mini mill	16"	12"	10"
Haas Tool Room	30"	12"	16"
Haas VF3	40"	20"	25"
Haas Mini mill	16"	12"	10"
Haas VF 2	30"	16"	20"
Haas Mini mill	16"	12"	10"
Haas Tool Room	40"	16"	16"
Haas Mini Mill 2	20"	16"	14"
Haas super Mini Mill 2	20"	16"	14"
Haas VF 2SS	30"	16"	20"
Haas VF 2SS	30"	16"	20"
Tongtai VTX-7	28	15.7	11.8
Tongtai VTX-7	28	15.7	11.8
Haas Mini Mill 2	20"	16"	14"
Haas Mini Mill 2	20"	16"	14"

EDM/ROBOT

Machine	X-Axis Travel	Y-Axis Travel	Z-Axis Travel
Mitsubishi Hole Popper ED-20000M			
Accutex sp-500i	19.7	11.8	11.8
Accutex AL-560SA	22	14	11.8
CRX-10iA/L 10Kg payload 1.4M reach			



QUALITY/INSPECTION

Machine
Zeiss Contura GS CMM with RDS Head
Vertex 311HC Microview Vision
Sterrett Comparator
Surface Roughness Tester

LATHES

Machine	X-Axis Travel	Y-Axis Travel	Z-Axis Travel	Chuck Size	Max Bar
Mazak QT-10	3.75"		11.40"	6.00"	1.57"
Mazak QT-20	7.125"		20.125"	8.00"	2.00"
Mazak QT-200	7.3"		12.6"	6.00"	1.57"
Mazak QT-250	8.5"		20.1"	8.00"	2.0"
Mazak QTN-200				8.00"	
sl 40 Haas	17		44	15"	4.0"
sl 40 Haas	17		44	15"	4.0"
Mazak Matrixs 250 II	7.5"		20.25"	10"	3.0"
Mazak Matrixs 300	8.875"		49.125"	10"	3.0"
Haas SL-10	6.25"		14"	6"	1.75"
Haas TL-2	8"		48"	10"	3.0"
Mazak MY250	8.5"		23.75"	8"	2.0"
Haas ST15-Y	7.9	+/- 2.0"	16	8"	2.5
Haas ST25-Y	8.4	+/- 2.0"	22.5	10"	3

EQUIPMENT LIST

SERVING THE AEROSPACE, DEFENSE & ENERGY INDUSTRIES



CNC MACHINED COMPONENTS & ASSEMBLIES FOR CREW-SERVED WEAPONS SYSTEMS (INCLUDING M2, MK19, M240 & M249)



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