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SALES@BMSMANUFACTURING.COM
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ULTRA Modern 50,000 Sq. Ft. Manufacturing Facility
with High Crane Bay 15 Ton Cap
Quality Assurance Program milt Spec 45208A
Engineering, Drafting, CAD, CAM, Detailing, Technical Support
Sigmanest, Bobcat, Autocad 2000

MACHINING SERVICES

Contract & Off -Load Machining
Production & Prototype work
CNC Turning, Milling
Production Sawing
Surface & Cylindrical Grinding
Small or Large Lot Production Runs
Job Shop Services

FABRICATING SERVICES

Machine Bases, Guards
Machine Components, Conveyors
Tanks, Hoppers, Cyclones
Production Weldments
Prototypes, Frames
Casting (Duplications)
Stairs, Handrails
Misc, Structural Steel
Certified Welding

Founded 1977

MACHINE SHOP FACILITY LIST

CNC EQUIPMENT

Mazak QT 20N T2 Control max swing 20.1" max turn dia. 12.6 x 40.1 centers
Mazak QT 25N T2 Control max swing 20.1" max turn dia. 12.6 x 40.1 centers
Mazak PMU~Power Master Universal Lathe, max. swing 34", max. swing over cross slide
21.65". max. distance between centers 103.5", spindle hole 3" dia. w/power chuck, H.P.
60, RPM 2-1200.
Lodge & Shipley Profit Turn 40 24" Chuck
Mark Century Control
Mazak VQC 20/40 B 2 Pallets, 30 Tools, Probe, Tables 21.6" x 48.8"
X 39.3 Y-20 Z-18.1 M2 Control 10 HP
Mazak V550B 30 Tools, Probe, thru Spindle Coolant, Table
26" x 68.5" X-61" Y-22" Z-21.65" M32 Control 35 HP
Mazak AJV 32/40, 30 Tools, thru Spindle Coolant, Table 25 X 49, X-39.3 Y-27.5 Z-18 M32 Control
Mazak AJV 35/60 2 Pallets 60 Tools, Probe, thru Spindle Coolant
Tables 32" x 68.5" x 60" Y-31.5" Z-27.8" M32 Control 35 HP
Mazak Mega Turn A-12N CNC VTL
2 Pallet, 49-2" table diameter, 57" max. swing/cutting dia., 48" max. workpiece
height, 1-350 rpm table speed, 15,400 lb max. workpiece wt., 30 tool magazine
storage capacity, CAT #50 vert. rotary tool shank. 5" max. rotary tool dia.,
5" face milling, 1 1/2"-8 unc tapping, 2" drilling, 5" boring dia. capacity.
(2) Mitsui Seiki HS6A 2 Pallets, 60 Tools, Probe, thru Spindle Coolant
High Pressure System, Fanuc 15 MB Controls x 50" -Y40" Z-40"
4th Axis 1 Degree Table, Stevens Fixtures
Mitsui Seiki VR5A 2 Pallets, 40 Tools, Fanuc 12 MA x 42.5 Y-24" Z-24"
Giddings & Lewis 15 VF CNC 800 Control
40 Tools, Table 96" x 336" X-312" Y-72" Z-72"

TURNING

American Pace Maker, 50" Swing x 120" Centers
American Turn Master, 18" Swing x 80" Centers
Monarch 16" x 54" Engine Lathe, Read Outs
Grisholt 4L Turret, 28" Swing x 120" Centers 9 1/2: Spindle Hole
#5 Warner & Swasey Turret 2 1/2" Bar Cap Bar Feeder
Hardinge Tool Room Lathe
Hardinge OSM-59 Second Opp Lathe
Giddings' & Lewis 72" VBM max Swing 75" max Height 78" 3 Heads
Giddings' & Lewis 42" VTL max Swing 54" max Height 37" 2 Heads
Bullard Cutmaster 42" VTL maz Swing 57" max Height 39" 2 Heads
Bullard Cutmaster 30" VTL max Swing 36" max Height 36" 2 Heads

MILLING

- HBM Shibaura 5.12 Planner Mill Type X-118" Y-78" Z-70"
Power Rotary Table 60" x 72", Right Angle Head, Facing Head
Slotting Head, Acu-rite Mill Vision 3 Axis D.R.O.
- HBM (2) Shibaura HBM 4" Table Type X-71" Y-57.1" Z-57.1"
Power Rotary Table, Right Angle Head, Facing Head
Slotting Head, Anilam 3 Axis Positioning Control
- HBM Lucus 4" Spindle X-80", Y-54", Z-36",
Rotary Table, Tail Stk, Readouts
- Planner Mill Nobel & Lund X-288" Y-81" Z-66"
Equipped with Right Angle Mill Head, 360 Degree Grinding Spindle
3 Axis D.R.O.
- Cincinnati Hydrotel 1 Spindle X-120" Y-36" Z-30"
Cincinnati Tool Master #2 14" x 48" Table
(2) Lagun Vertical FTV-2 10" x 50" Table-Read Outs
(2) Acyer 10 X 50 Table-Read Outs
Cincinnati #2 Horizontal 10" x 50" Table
Cincinnati #3 Horizontal 15" x 60" Table Equip with Right Angle Head
K & T #5 Horizontal 15 ½" x 74" Table Equip with Motorized Over Arm

GRINDING

Blanchard Rotary 42" Dia.
Sheldon-Matra surface grinding 16" x 36"
Gallmeyer & Livingston 8" x 24" Surface
Titan 14" x 60: Universal ID, OD
Norton 10" x 36" OD, Equipt with Arnold Gauging
Cincinnati #2 Tool Cutter Grinder
Darax, Champ Drill Grinders
Oliver 3" Drill Point Grinder

DRILLING

Cincinnati Bickford Radial 15" Column 60" Arm
Cincinnati Bickford 9" Column 36" Arm
Delta 6 Spindle
Hogan Mag Base Roto Broach
Milwaukee Mag Base
Sunstrand Double End Centering

MISC.

Rockford 20" Slotter 48" Dia. 20" Stroke
Keyseater 1 1/2 Cap
Vertical Broach 10 Tons
Sunnen Portable Hone Equip. 10" Cap
Pratt Whitney 2E Jig Bore
Elox EDM 12 X 16 Capacity
200 Ton Wheel Press 6' Between Housings, 12" Length, 12" Stroke
30 Ton Vert Press 48" Dia. Table, 60" Height Cap
Sullair 16-75 Rotary Screw Compressor

FABRICATING SHOP

PRESS BRAKE:

Pacific 300 Ton 16' Bed
Sturdy Bender 100 Ton 10' Bed
D & K 14 Ga x 96" Finger Brake

SHEAR:

HTC 1/2" x 10' Cap

IRON WORKERS:

Geka 110 Ton Coper, Notcher, Punch, Shear
Kingsland Ironworker 5 X 5 x 1/2 Cap

PUNCH:

Weideman Turret Punch
Pierce-All 30 Ton Duplicator
Geka 110 Ton 4" Round Cap
Triumph CN700 Nibbler
Triumph Portable For Beveling Weld Prep's

ROLL

Webb 3/8" x 60"
Montgomery Hydraulic Bar, Angle 4 1/2 X 1/2 Cap
Rondo DS-460-14 Double Intinial Pinch Roll 1" x 14' Cap 19" Rolls

SAWING

DoAll 245SA Universal Tilt Frame 24" Sq. Cap
Berringer Production 13 1/2 Cap Auto Feed
Marvel #8 Vertical 18" x 20" Cap
Do-All 26" Contouring
16" Abrasive
FHC - 370 Cold Saw
Milwaukee Portable Band Saws

MISC

55 Ton Bendhor Horizontal Bender 1" x 6" Cap
Greenlee Sweep Pipe Bender 4" Cap
Blue Devil 24" Belt Sander (Time Saver)
Phoenix Dry Rod Ovens
Binks Spray Booth
Lg. Vacu Blast Cabinet

PLASMA & FLAME CUTTERS:

- AKS Plasma Cutting Equipt with
 - Hypertherm HD-3070 100 AMPS High Definition
 - Hypertherm HD-2000 200 AMPS
 - Hypertherm ARC Writer
 - Cutting Cap:120" Wide X 288" Long 1 ½ Thk
- AKS SATO Satronik HD 4500 4 Torch 144" Wide 240" Long
12" Thk Max Cutting Cap.
- (2) L Tec: 150 AMP Plasma
 - L Tec: 250 AMP Plasma
 - L Tec: C-58 Track Torch
- (2) Airco Flame Cutter Optic Eye Tracer

WELDERS:

- Several Miller 650 AMP, Mig
- Hobart 650 AMP Mig
- Hobart 450 AMP Mig
- Linde 400 AMP Mig
- Lincoln 325 AMP Mig
- Airco 300 AMP Mig
- Miller 300 AMP Mig
- Lincoln 300 AMP AC, DC, Tig
- Miller 300 AMP DC, Tig
- L Tec 300 AMP AC, DC, Tig
- Miller 400 AMP DC
- Airco 300 DC Portable
- Hobart 250 AC, DC Portable
- Miller 250 AMP Syncro Wave
- Miller XMT CC/CV 300 AMP

MAT. HANDLING, SUPPORT

15 Ton Conco-Tellis Bridge Crane 55' span
10 Ton P & H Bridge Crane 55' span
5 Ton Wheeling Bridge Crane 55' span
5 Ton Shepard Niles Bridge Crane 50' span
½ thru 2 ton Jib Cranes
22 Ton P & H Omega Mobile Crane
Forklifts 3,000# - 18000#
Skid Steer BobCat 963, Forks, Bucket
Skid Steer New Holland 865, Forks, Bucket
Kenworth T800 Tractor
Ford F350 Diesel, 27' Fifth Wheel Flatbed
45' Flat Bed Trailer
40' Flat Bed Trailer
45' Box Trailers
Pickup Trucks 1/2-3/4 Ton

INSPECTION Full Cap.

CORDAX 807 CMM 40" X 82" TABLE, 76X 32Y 24Z
BROWN & SHARP DIGITAL HEIGHT GAGE, 40"
DO-ALL CALIBRATION GAGE BLOCKS, .050-4.00,
TRACEABLE TO BUREAU OF STANDARDS.
DO-ALL GAGE PINS .061-.750 DIA.
LUFKIN 20=1 COMPARATOR
GRANITE SURFACE PLATES (1) 4' X 6'; (2) 3' X 4'
BROWN & SHARP INTRIMIKS, 1.400"-3.600" DIA., .0002 RANGE
BORE MICROMETERS, Bore Gauges thru 12"
THREAD PLUG GAGES, 2-56 THRU 2 3/4-18
METRIC THREAD PLUG GAGES, M2 THRU M30
RING THREAD GAGES, 5-40 THRU 1 5/8-12
NPT PIPE, RING & PLUG GAGES
MICROMETER SETS, 3"-12", 6"-24", INDIVIDUAL
MICROMETERS, THREAD MICROMETER & VERNIERS
TO NUMEROUS TO LIST.
WILSON MODEL 6EMBB ROCKWELL HARDNESS TESTER
MITUTOYO SUFTEST 201, SURFACE FINISH TESTER
TRIMOS TOOL PRESETTER

Full Capability with Calibration Guages Traceable
to Bureau of Standard's