



ACE Metal Crafts - Equipment & Capabilities - 11/17/2011

FLAT SHEET LASER CUTTING

(2) MAZAK HYPER TURBO-X (4000 WATT); 60" x 120" BED
WITH FMS AUTOMATION TOWER

CAPACITY: MILD STEEL TO 5/8" THICK
ALUMINUM TO 1/4" THICK
STAINLESS TO 1/2" THICK WITH NITROGEN CLEAN CUT

STRUCTURAL / TUBE LASER CUTTING

(1) MAZAK FABRIGEAR 150V -

CAPACITY: (4000 WATT) - 3/4" THRU 6" OUTSIDE DIMENSION, LENGTHS UP TO 26ft

MATERIAL TYPES INCLUDE:

- TUBE, PIPE, SQUARE, ROUND, C-CHANNEL, AND ANGLE
- MILD STEEL: 1/2" WALL
- STAINLESS STEEL: 3/8" WALL

6 AXIS HEAD FOR BEVEL AND WELD PREP

6 STATION AUTOMATIC TAPPING UP TO 1/2-13 or M12

AUTOMATIC LOAD AND UNLOAD

FORMING

(3) HYDRAULIC PRESS BRAKES WITH EUROPEAN STYLE PRECISION TOOLING AND
HYDRAULIC TOOL CLAMPING

- 220-TON x 14' W/2' HORN FOR CONICAL FORMING;
CNC CONTROLLED W/3-D CAPABILITY; 5-AXIS BACKGAUGE; AUTOCROWNING
- 110-TON x 8'; CNC CONTROLLED W/3-D CAPABILITY;
4-AXIS BACKGAUGE, AUTOCROWNING
- 165-TON X 10', CNC CONTROLLED W/ 3-D CAPABILITY; 6-AXIS BACKGAUGE;
AUTOCROWNING

ROLLING

(1) BERTSCH HYDRAULIC FOUR ROLL BENDING MACHINE, 6" DIA. ROLLS

CAPACITY: 7GA. x 72" (STAINLESS)

(1) 3" DIA. ROLLER; CAPACITY 16GA. x 50"

WELDING

(6) MILLER SYNCROWAVE 350LX AMP TIG WELDERS

(6) MILLER MAX STAR 200 TIG INVERTER

(5) LINCOLN PRECISION TIG 275 AMP

(1) MILLER MAX STAR 150 PORTABLE TIG INVERTER WELDER

(11) MILLER 350P AMP MIG PULSE MACHINES

(1) MILLER ACCU-PULSE MIG 400 AMP

(1) 100 AMP PLASMA CUTTING MACHINE

(2) PRO-WELD STUD WELDER

(2) STANCO 30 KVA SPOT WELDERS WITH ENTRON CONTROLS

(1) ACME 50 KVA SPOTWELDING MACHINE

(36) VARIOUS WELD TABLES UP TO 6'X18'

FINISHING

- (1) 25'x40' GLASSBEAD ROOM WITH AUTOMATED RECLAIM SYSTEM AND SPLITROOM CAPABILITY - VIRGIN BEAD FOR STAINLESS STEEL ONLY
- (2) STEELMASTER WIDE-BELT SANDER W/ DIGITAL READOUT, 53" CAPACITY
- (1) HAMMOND ROTO-FINISH 7 CUBIC FOOT TUMBLER
- (1) UNI-HONE GLASSBEAD UNIT
- (1) RAMCO 36" WIDE-BELT SANDER
- (1) KUHLMAYER ZBS TWIN-BELT GRINDING MACHINE

GRINDING & POLISHING

- (12) SUHNER FLEX-SHAFT GRINDERS
- (1) VARIABLE SPEED BUFFING LATHE
- (1) 8' STROKE SANDER
- (2) WALTER SURFOX 202 CHEM-CLEAN UNIT

MACHINING & SAWING

- (1) CLAUSING VARIABLE SPEED DRILL PRESS
- (1) JET VARIABLE SPEED DRILL PRESS
- (1) 6-SPINDLE VARIABLE SPEED DRILL PRESS
- (1) MARVEL AUTOMATIC HYDRAULIC VERTICAL PRODUCTION BANDSAW WITH PROGRAMMABLE NC CONTROL
CAPACITY: 18" x 22"
- (1) VERTICAL BANDSAW
- (1) MARVEL MODEL S2GVP SPARTAN VERTICAL BAND SAW W/POWER FEED

MATERIAL HANDLING

- (1) 10-TON 60' x 120' GANTRY CRANE
- (1) 2-TON 40' x 60' GANTRY CRANE
- (4) 1-TON 100' CRANES
- (2) ½-TON 100' CRANES
- (1) ½-TON 40' CRANE

INSPECTION

- (1) BROWN & SHARPE 36" MICRO-HEIGHT VERTICAL HEIGHT GAUGE
MULTIPLE GRANITE INSPECTION TABLES
- (1) TRIMOS 18" VERTICAL HEIGHT GAUGE

CAD FILES ACCEPTED

SOLID EDGE NATIVE FILES
DXF, DWG, .IGS, .X_T, STP, .PRT, .x_t, .sldasm, .sldprt, .idw, .ipt, .iam