



ACE Metal Crafts - Equipment & Capabilities - 3/24/2008

FLAT SHEET LASER CUTTING

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

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

(1) MAZAK (2000 WATT); 60" x 120" BED

CAPACITY: MILD STEEL TO 1/4" THICK
STAINLESS TO 3/16" THICK WITH NITROGEN CLEAN CUT

STRUCTURAL / TUBE & PIPE LASER CUTTING

(1) MAZAK FABRIGEAR 150V -

CAPACITY: (4000 WATT) - 3/4" THRU 6" OUTSIDE DIMENSION
MILD STEEL: 1/2" WALL
STAINLESS STEEL: 3/8" WALL
6 AXIS HEAD FOR BEVEL AND WELD PREP
6 STATION AUTOMATIC TAPPING
AUTOMATIC LOAD AND UNLOAD

FORMING

(1) HURCO PRDC 200-14; 220-TON x 14' W/2' HORN FOR CONICAL
FORMING;

CNC CONTROLLED W/3-D CAPABILITY; 5-AXIS BACKGAUGE;
AUTOCROWNING

(1) HURCO PRDC 100-8; 110-TON x 8'; CNC CONTROLLED W/3-D
CAPABILITY;

4-AXIS BACKGAUGE, AUTOCROWNING

(1) HURCO PRDC 150-10'; 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)

(2) BIRMINGHAM ROLLERS; 3" DIA. ROLLS; CAPACITY 16GA. x 50"

WELDING

- (1) ACME 50 KVA SPOTWELDING MACHINE
- (9) MILLER SYNCROWAVE 300 AMP TIG WELDERS
- (5) MILLER 300-350 AMP MIG MACHINES WITH WIREFEED
- (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) MILLER MAX STAR 150 PORTABLE TIG INVERTER WELDER
- (10) VARIOUS WELD TABLES UP TO 6'X18'

FINISHING

- (1) 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
- (1) 16' X 20' GLASSBEAD ROOM - VIRGIN BEAD FOR STAINLESS STEEL ONLY

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) DOALL VERTICAL BANDSAW
- (1) MARVEL MODEL S2GVP SPARTAN VERTICAL BAND SAW W/POWER FEED

INSPECTION

- (1) BROWN & SHARPE 36" MICRO-HEIGHT VERTICAL HEIGHT GAUGE
- (1) TRIMOS 18" VERTICAL HEIGHT GAUGE

CAD FILES ACCEPTED

SOLID EDGE

DXF, DWG, .IGS, .X_T, STP, *.PRT*, .x_t; .sldasm; .sldprt