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CERTIFIED ISO 9001-2008

EQUIPMENT LIST

HIGH SPEED LASER CUTTING

2500 WATT MAZAK LASER - Hyper Gear Super turbo-X510 Hi Pro Laser table- capable to cut up to 60" x 120" x .875 maximum sheet sizes.

AMADA MODEL 2415XL LASER – 2000W high speed pulsar laser cutting machine, with FANUC 16L, 32-bit control unit. Capable of 60" x 198" maximum sheet size +/- 0.004"/20". Capable of cutting up to 1/2" work piece thickness in production quantities.

Cincinnati CL7A 5x10 2000SM s/n 49003 1/96

Cincinnati CL7A 5x10 1350SM

Rofin 2000SM resonator rebuilt in 2010

Koolant Kooler Chiller

Dual 5x10 Pallet Tables

New LaserMech Saturn III Non-Contact Cutting Head with 5" and 7.5" Lenses

Ball screws and nuts refurbished to original specifications in 2009

New Beam Delivery Bellows and Way Covers in 2009

16 series Fanuc Control

TURRET PRESS

AMADA COMA/PLASMA 567 TURRET PRESS – Auto-Index 44-station, 55 ton, line ready, precision turret punch press with

Amada 04P-C controls. Capable of handling 60" x 144 " work piece size, up to 3/8" punch thickness, 300 strokes per minute, punch accuracy of 0.006 with cutting speed 40-600" per minute, electrically conductive up to 1/2" thickness and cutting accuracy +/- .032".

PRESSES – HYDRAULIC

1250 TON VERSON – 54” stroke, 20” shut height, 72” x 144” ram. 48” x 56” center cushion with 265 tons capacity and two end cushions of 48” x 32” with 157 tons capacity each. Stroke of all cushions is 18”. Equipped with two end resistance cylinders with 400 total tons for use on blanking operations.

600-TON LAKE ERIE – 42” stroke, 18” shut height, 66” x 96” bolster and 60” x 96” ram. 47” x 35” center cushion with 100 tons capacity and two end cushions of 47” x 19” with 50 tons capacity each. Stroke of all cushions is 18”.

STRIPPIT – 40 ton, numerically controlled, 30” throat, single station.

SQUARING SHEARS

STEELWELD – ½ x 144” capacity in mild steel.

HYDRAULIC SHEAR

AMADA H4013 H SERIES – Hydraulic shear. Shears up to ½” material thickness, by 168” long mild steel, with CNC controls.

PRESSES MECHANICAL—STRAIGHT SIDE

900 TON BLISS – Double crank, 14” stroke, 35” shut height, 62” x 82” bolster and 42” x 74” ram. Equipped with 9” ram filler block.

600 TON VERSON – Eccentric drive, 18” stroke, 34” shut height, 60” x 96” ram and 60” x 96” bolster. Two cushions with 45 tons capacity each and with 9” stroke.

PRESSES MECHANICAL—STRAIGHT SIDE

270 TON TOLEDO – Double crank, 8” stroke, 20” shut height, 41” x 60” bolster and 30” x 55” ram. 31-ton air cushion with 4” stroke.

160 TON MINSTER – Double crank, 8” stroke, 20” shut height, 41” x 60” bolster and 30” x 55” ram. 31-ton air cushion with 4” stroke.

150 TON VERSON – 12” stroke and 42” x 48” bolster.

PRESSES MECHANICAL - O.B.I.

100 TON DANLY - 8” stroke, 16/34” shut height, 30” x 40” bolster, 18” x 20” ram and 1-ton cushion with 4” stroke.

440 TON MECFOND – Eccentric drive, 12” stroke, 26” shut height, 60” x 96” ram and 60” x 96” bolster. Three

cushions with 90-ton capacity and a 10" stroke

PRESS BRAKE

AMADA PROMECAM 8025 HFB SERIES - 80 Ton with 8ft bed length and CNC control with eight programmable axis.

U S INDUSTRIAL 88 TON X 8' CNC HYDRAULIC PRESS BRAKE MODEL HB88-8CNC S/N W2007-115

STANDARD FEATURES:

U. S. INDUSTRIAL 2-AXIS GRAPHIC CNC BACK GAUGE CONTROLS BOTH RAM DEPTH AND BACK GAUGE POSITION

RAM DEFLECTION ADJUSTMENT

MECHANICAL RAM DEPTH STOP

MASSIVE TORSION BAR FOR PARALLELISM

FORGED HEAVY DUTY CYLINDER AND CYLINDER BODY

THREE SPEED RAM, RAPID APPROACH, BENDING CYCLE, RAPID RETRACT

BOTTOM TIME DISPLAY

ALL STEEL CONSTRUCTION

INCHING, SINGLE CYCLE, AND CONTINUOUS OPERATION

SPECIFICATIONS:

WORKING PRESSURE ----- 88 TONS

LENGTH OF WORKING TABLE ----- 8.1'

DISTANCE BETWEEN HOUSINGS ----- 6.6'

THROAT DEPTH ----- 9.84"

STROKE ADJUSTMENT OF RAM ----- 3.14"

RAM TRAVEL ----- 3.93"

OPEN HEIGHT ----- 13.1"

RAM TRAVEL SPEED:

APPROACH ----- 114 IPM

RETRACT ----- 132 IPM

MOTOR HORSEPOWER ----- 7.75 HP

NET WEIGHT ----- 13,230 LBS.

LENGTH ----- 8.3'

WIDTH ----- 4.3'

HEIGHT ----- 7.7'

600 TON PACIFIC PRESS BRAKE – 168" long ram and bed, 146" between housing with 14" throat depth. 22" open height and 10" closing height. Equipped with 24" ram filler base.

STEELWELD – 300 ton mechanical 1/2" x 11' 5/8" x 8', 3/4" x 6' capacity.

750 TON CINCINNATI- 750 Ton Hydraulic with a 22 ft bed length and CNC controls.

CNC MACHINING CENTERS

MITSUBISHI DM4800 DYNAMITE VERTICAL MACHINING CENTER

Machine Travel - X = 31'

Y = 18'
Z = 19"
Table Size X = 39"
Y = 19"

CNC Control Automatic Tool Changer (24 tools)

OKUMA CADET MATE VERTICAL MACHINING CENTER

Machine Travel – X = 40"
Y = 20"
Z = 20
Table Size X = 47"

CNC Control Automatic Tool Changer (20 Tools)

MAZAK QT 20 CNC TURNING CENTER – With 8" hydraulic Chuck with 2" bar capacity through maximum swing 17.3", maximum cutting diameter, 12", maximum cutting length 17.5". 20 H.P., with 8 tool turret and fully programmable tailstock.

MAZAK 20 QT 20 H.P. CNC TRUNING CENTER – 10" hydraulic chuck with 2-3/4 bar capacity through. Maximum swing 17.3", maximum cutting diameter 12", maximum cutting length 16". 20 H.P., with 8 tool turret and fully programmable tailstock.

MILTRONICS PARTNER VM24 CNC VERTICAL MACHINING CENTER – 15 H.P. Table size 24" x 45". Travel X = 40", Y = 24", Z = 24". 20 pocket automatic tool changer.

DO-ALL 305A HORIZONTAL SAW – With automatic clamping and feed control, 12" with x 12" thick stock capacity.

DO-ALL C260 HORIZONTAL SAW – With automatic feed.

WARNER & SWASEY 2 AB M-3800 – 24 spindle speeds, round capacity 2-1/4 hex. Capacity 1-3/4, square capacity 1-3/8, and turning stroke 6.

WARNER 7 SWASEY 2 AB M-3880 – 24 spindle speeds, round capacity 3", hex capacity 2-9/16, square capacity 2-1/8 and turning length 9-1/2.

MILWAUKEE HORIZONTAL MILL – With 9" x 36" travel.

BRIDGEPORT MILL – With 2 H.P., 9" x 42" table with power feed.

BERGONZI RADIAL DRILL

BROWN & SHARPE SURFACE GRINDER

SPOT WELDER

NIAGRA ROUTER

HYD-MECH SAW

DO-ALL BAND SAW

HEM SAW – NORTH

HEM SAW – SOUTH

VIBRATORY MACHINE

INSPECTION EQUIPMENT

8 FOOT ROMER ARM INFINITY SERIES PORTABLE, CMM

INSPECTION LAYOUT TABLE WITH SLOTS, 6' X 10'

STANDARD INSPECTION EQUIPMENT THAT IS AVAILABLE

... with the end result being – ESCP Corp. produces high-quality parts and products for our customers.