

CNC and Manual Punching

CNC

STRIPPIT: YR. 1994, M/N: FC-1000R, S/N: 2510113094

CNC HORIZONTAL ROTATION TURRET PUNCH PRESS
MODEL NUMBER FC1000R2 W/ 2 AUTO INDEX STATIONS.
PUNCHING FORCE: 22 TONS. NO. OF TOOL STATIONS: 23.
POSITION ACCURACY: +/- .004". REPEATABILITY: +/- .004".
TRAVEL DISTANCE: 40"X;51"Y. POSITION SPEED: 2000 IPM.
MAX. MATERIAL CAPABILITY: 0.250".
PUNCHING CAPABILITY:

UP TO 3.5" DIA. IN 0.07" THICK MAT.

UP TO 1.2" DIA IN 0.25" THICK MAT.

TRUMPF: YR. 1995, M/N: T- 260C, S/N: 5245

CNC VERTICAL ROTATION TURRET PUNCH PRESS.

PUNCHING FORCE 33 TONS. NO. TOOL STATIONS 22.

FULLROTATION +/- .100

ACCURACY

POSITION ACCURACY: +/- .004" REPEATABILITY: +/- .001"

TRAVEL DISTANCE: 103" X ; 50"Y. POSITION SPEED: 1770 IPM.

MAX. MATERIAL CAPABILITY: 0.375"

PUNCHING CAPABILITY: UP TO 3.0" DIA. IN 0.25" THICK MAT.

Erht Punch Machine: YR. 2001

CNC Punch Press

MANUAL PUNCHING

WHITNEY: YR. 1989, M/N: 630 FABRICATOR, S/N: 630-750-40779

SINGLE HEAD HYDRAULIC PUNCH PRESS.

MODEL # 630 W/PANEL 2 CNC BACK GAGE.

PUNCHING FORCE: 50 TONS. NO. TOOL STATIONS:1

POSITION ACCURACY: +/- .005". REPEATABILITY: +/- .005".

TRAVEL DISTANCE: 72"X ; 28"Y. POSITION SPEED: 500 IPM.

MAX. MATERIAL CAPABILITY: 0.500".

PUNCHING CAPABILITY: UP TO 5.0' DIA. IN 10 GA. THICK MAT.

UP TO .75" DIA. IN 0.50" THICK MAT.

CNC Machining Centers

OKK PVC-60R MACHINING CENTER YR. 1993

TRAVEL X40" Y25" Z20.5".

SPINDLE SPEED 100-6000 RPM

OKK PCV 40II MACHINING CENTER

W/ROTARY PALLET CHANGER YR. 1995

TRAVEL X22" Y 16" Z 16"

SPINDLE SPEED 60-6000 RPM

MORI-SEIKI MV JR. MODEL 10 MACHINING CENTER. YR. 1989

FANUC CONTROLS.

TRAVEL X 22.04" Y 16.14" Z 18.11".

TABLE SIZE X 35.43" BY Y 22".

SPINDLE SPEED, 12000 RPM.

MIYANO KSV-35 MACHINING CENTER WITH FOURTH AXIS. YR. 1987

MIYANO-EPSON N.C. PROCESSOR.

TRAVEL X 25" Y 16" Z 20".

SPINDLE SPEED 60-6000 RPM.

FADAL VMC 15 MACHINING CENTER. YR. 1995

TRAVEL X 20" Y 20" Z 20".

SPINDLE SPEED 10,000 RPM.

15 HP HIGH TORQUE

FADAL 4020 YR. 1987

CNC VERTICAL MILLING & MANUAL DRILLING (3-AXIS)
SPINDLE: 15 HP. NO. TOOL STATIONS: 21
POSITION ACCURACY: +/- .0005" REPEATABILITY: +/- .0005"
TRAVEL DISTANCE: 40"X; 16"Y; 20"Z

FADAL VMC4020 HIGH TORQUE YR. 1993

CNC VERTICAL MILLING MACHINE (3-AXIS)
MODEL # 15 W/ RIGID TAPPING
SPINDLE: 15 HP.
POSITION ACCURACY: +/- .0005" REPEATABILITY: +/- .0005"
TRAVEL DISTANCE: 40" X; 16"Y; 20"Z
POSITION SPEED: 400 IPM

2 MAZAK HORIZONTAL MACHINING CENTER YR. 1998

MODEL # FH480
60 TOOL TOOL-CHANGER
2 STATION PALLET SHUTTLE
AUTOMATIC CHIP CONVEYOR
THROUGH THE SPINDLE COOLANT WITH HIGH PRESSURE PUMP
EXTENDED MEMORY PACKAGE
30 hp MOTOR
POSITION ACCURACY +/- 0.0002" REPEATABILITY: +/- .0002
X-AXIS 22.05" Y-AXIS 22.05" Z-AXIS 20.07"
PALLET SIZE 15.74 X 15.74"
CHIP TO CHIP TO CHANGE 4 sec.

MECHANICAL PRESSES**ENERPAC 10 TON HYDRAULIC PRESS.****PRESS RITE:****MECHANICAL VERTICAL FLYWHEEL PUNCH PRESS**

(USED FOR STAMP DIE OPERATIONS)

MODEL # 70

PUNCHING FORCE 70 TONS.

TRAVEL DISTANCE: 4" W/11" SHUT HEIGHT

NIAGARA:

MECHANICAL VERTICAL FLYWHEEL PUNCH PRESS

(USED FOR STAMP DIE OPERATIONS)

MODEL # 45

PUNCHING FORCE: 45 TONS.

TRAVEL DISTANCE: 3.5" W/ 10" SHUT HEIGHT

Stamptec G2-250 mechanical press

bolster area 106"x 35"

250 metric tons

Niagra M60 - 60 Ton Press**Minster No 60 - 60 Ton Press****Brown and Boggs 15 LW - 40 Ton Press****Niagra E-60 - 60 Ton Press****Bending Presses****Pacific Hydraulic Press Brake Yr 1999**

Jenesis II

MODEL# J-140-10 w/ 10' BED LENGTH

TRAVEL DISTANCE: 24" X-AXIS BACKGAUGE

OPERATING FORCE: 140 TONS

ACCURPRESS YR. 1990

HYDRAULIC BENDING PRESS W/ HURCO CNC 2 AXIS

CONTROLLER

MODEL#: 7606 W/ 6 FT. BED LENGTH

TRAVEL DISTANCE: 23" BACKSTOP

MAX. MATERIAL CAPABILITY: 1"

OPERATING FORCE: 60 TONS.

ACCURPRESS YR. 1993

HYDRAULIC BENDING PRESS W/ HURCO CNC 2 AXIS

CONTROLLER

MODEL#: 7305 W/ 5 FT. BED LENGTH

TRAVEL DISTANCE: 23" BACKSTOP

MAX. MATERIAL CAPABILITY: 1"

OPERATING FORCE: 30 TONS.

DIGIBEND 720 YR. 1995

HORIZONTAL HYDRAULIC BENDING PRESS

MAJOR USE: BENDING FLAT BARS (RADIUS BENDS)

TRAVEL DISTANCE: 20" BACKSTOP

MAX. MATERIAL CAPABILITY: 4.72" X 79"

OPERATING FORCE: 72 TONS

PACIFIC HYDRAULIC C- FRAME PRESS YR. 1998

MAJOR USE FOR STAMP DIE PROCESSING

MODEL # 200 PF II

CAPACITY 200 TONS

STROKE 12"

OPEN HEIGHT 23": CLOSED HEIGHT 11"

THROAT DEPTH 20"

Shearing and Sawing

WYSONG HYDRAULIC SHEAR YR. 1996

MECHANICAL TABLE SHEAR

MODEL #: 1252

TRAVEL DISTANCE: 36" BACKSTOP

MAX. MATERIAL CAPABILITY: 1/4" THICK X 120" WIDE

HEM SAW MODEL H105 YR. 1997

HIGH SPEED HORIZONTAL PRODUCTION BAND SAW

SAW CAPACITY: 14" ROUND; 16" FLAT

TRAVEL DISTANCE: 0-24" WITH UNLIMITED MULTI-SHUTTLE

STROKE

FEED RATE: 0-3 INCHES/SECOND

POSITION ACCURACY: +/- .001 INCHES

MISC CUSTOM BAR SHEARING DIE

MECHANICAL BAR SHEAR

MATERIAL CAPABILITY:

1/8" X 10" MIN.

1/2" X 5" MAX.

FLAT BAR LENGTHS: 1" TO 120"

POSITION ACCURACY: +/- .005"

Sharp LMV 50 Manual Mill Yr '99

X-axis power feed

Quick change tooling

Digital readout

Finishing and Deburring

· **TIME SAVER YR. 1995**

CONTINUOUS FEED WET SANDER

ABRASIVE ENGINEERING & MFG. (AME);
MODEL#: MCF 20-90
MATERIAL CAPABILITY: 1" THICK X 24" WIDE
SURFACE FINISH: 32 MICRO INCH (+)

· **VIBRATORY DEBURRING YR. 1993**

IED, INC.: PORTAVIB
MODEL#: PVT 2.5
TUMBLING SIZE: 2 CU. FT. @ 2.5 HP.

· **SWECO, INC.: FINISHING MILL YR. 1994**

TUMBLING SIZE: 7 CU.FT. @ .5 HP.

Assembly

· **INDUSTRIAL PEM SERTER PNEUMATIC PRESS FOR INSERTION OF PRESS NUTS & STUDS YR. 1990**

PUNCHING FORCE: 6 TONS
MATERIAL CAPABILITIES OF UP TO 10mm DIA. .25" THICK MATERIAL

Miscellaneous material handling Equipment (roller conveyors, hydraulic tables,etc.)

Assorted tooling (Dies, Punches, Drill Bits, Endmills, etc.)

Description

Zinc Plating Line

23 tanks and ancillary control equipment
4 Zinc plating cells
3 - 2000 amp rectifiers
Baker Brothers automated side-arm hoist system

Silver Plating Line

17 tanks and ancillary control equipment
2 Silver plating cells
4 - 300 amp rectifiers
manual hoist system

Silver / Tin Plating Line

18 tanks and ancillary control equipment
2 Silver plating cells
2 Tin plating cells
4 - 300 amp rectifiers, 2 - 500 amp rectifiers
manual hoist system

Manual Silver on Aluminum Line

14 tanks and ancillary control equipment
1 Silver plating cell
3 - 100 amp rectifiers, 2 - 500 amp rectifiers

Small Barrel Plating Line

14 tanks and ancillary control equipment
2 Silver plating cells
2 Tin Plating cells
3 - 500 amp rectifiers
3 - 12" x 24" poly-pro plating barrels
Manual hoist system

Manual Silver on Aluminum Line

13 tanks and ancillary control equipment
2 tin plating cells
3 - 2000 amp rectifiers
4 - 18" x 36" poly-pro plating barrels
Maual hoist system

Automatic Bus-bar Plating Line

42 tanks and ancillary control equipment

1 silver plating cell

2 tin plating cells

5 - 2000 amp, 2 - 1000 amp, and 1 - 6000 amp rectifiers

Jessup Automated 4 - hoist controller system (controller was replaced and updated July 1997)

Automatic Bus-bar Plating Line

26 tanks and ancillary control equipment

1 silver plating cell

3 tin plating cells

3 - 2000 amp, 2 - 1000 amp, and 1 - 6000 amp rectifiers

Corrotec Automated 2 - hoist controller system

Grieve Oven