

PRODUCTION DIVISION

MECHANICAL PRESSES

1500 TON PRESS

- BED SIZE 204" X 66"
- WINDOW 52"
- STROKE 16"
- STROKES PER MINUTES 10 TO 20
- SHUT HEIGHT 36.5" To 41.8"
- SERVO FEEDER STRAIGHTENER 40,000
- 3 AXIS SERVO TRANSFER SYSTEM
- PROGRAMMABLE LIGHT CURTAINS
- PROGRAMMABLE DIE PROTECTION
- 24" COIL ID REQUIRED

400 TON NIAGARA

- BED SIZE 60" F TO B
120" L TO R
- WINDOW 40"
- STROKE 8"
- STROKES PER MINUTE 30 TO 60
- SHUT HEIGHT 42" TO 29"
- COE DECOILER 10,000 LBS
- COE STRAIGHTENER 35" WIDE
- COE SERVO FEEDER 35" WIDE
- PROGRAMMABLE LIGHT CURTAINS
- PROGRAMMABLE DIE PROTECTION
- 24" OR 20" COIL ID REQUIRED

300 TON DANLY

- BED SIZE 42" F TO B
72" L TO R
- WINDOW 25"
- STROKE 8"
- STROKES PER MINUTE 20 TO 60
- SHUT HEIGHT 30.5" TO 24.5"
- AMERICAN STEEL LINE DECOILER 24" WIDE
- AMERICAN FEED 10,000 CRADLE STRAIGHTENER 24" WIDE
- LITTELL FEEDER 24" WIDE
- PROGRAMMABLE LIGHT CURTAINS
- PROGRAMMABLE DIE PROTECTION

160 TON CLEARING

- BED SIZE 50" F TO B
84" L TO R
- WINDOW 22"
- STROKE 12"
- STROKES PER MINUTE 25
- SHUT HEIGHT 25" TO 17"
- AMERICAN STEEL DECOILER & STRAIGHTENER 24" WIDE
- LITTELL FEEDER 24" WIDE
- PROGRAMMABLE LIGHT CURTAINS
- PROGRAMMABLE DIE PROTECTION

800 TON BLISS

- BED SIZE 84" F TO B
120" L TO R
- WINDOW 60"
- STROKE 14"
- STROKES PER MINUTE 12 TO 40
- SHUT HEIGHT 41.5" TO 31"
- PERFECTO SERVO FEEDER STRAIGHTENER 60" WIDE
- DECOILER 25,000 LBS 60" WIDE
- PROGRAMMABLE LIGHT CURTAINS
- PROGRAMMABLE DIE PROTECTION
- 90 TON CUSHION
- 24" COIL ID REQUIRED

400 TON WARCO

- BED SIZE 60" F TO B
84" L TO R
- WINDOW 42"
- STROKE 6"
- STROKES PER MINUTE 20 TO 60
- SHUT HEIGHT 18.250" To 30"
- SERVO FEEDER 36" Wide
- STRAIGHTENER 36" WIDE
- DECOILER 10,000 LBS 36" WIDE
- TONNAGE MONITOR
- PROGRAMMABLE LIGHT CURTAINS
- PROGRAMMABLE DIE PROTECTION
- 24" OR 20" COIL ID REQUIRED

300 TON DANLY

- BED SIZE 42" F TO B
72" L TO R
- WINDOW 25"
- STROKE 12"
- STROKES PER MINUTE 20 TO 40
- SHUT HEIGHT 28.5" TO 22"
- AMERICAN STEEL LINE DECOILER 24" WIDE
- AMERICAN FEED 10,000 CRADLE STRAIGHTENER 24" WIDE
- LITTELL FEEDER 24" WIDE
- PROGRAMMABLE LIGHT CURTAINS
- PROGRAMMABLE DIE PROTECTION

121 TON STAMPTEC

- BED SIZE 45" X 24"
- RAM 26" X 19"
- RAM ADJUST 3.15"
- STROKE 4.33"
- STROKES PER MINUTE 50 TO 100
- SHUT HEIGHT OVER BOLSTER 15.12"
- TONNAGE MONITOR
- PROGRAMMABLE LIGHT CURTAINS
- PROGRAMMABLE DIE PROTECTION
- 18" LITTELL FEEDER & STRAIGHTENER
- LITTELL DECOILER

MECHANICAL PRESSES (CONTINUED)

121 TON SUTHERLAND

- BED SIZE 45" X 29"
- RAM 25" X 20.5"
- STROKE 7.1"
- STROKES PER MINUTE 30 TO 60
- ADJUST 3.5"
- SHUT HEIGHT OVER BOLSTER 13.8"
- TONNAGE MONITOR
- PROGRAMMABLE LIGHT CURTAINS
- PROGRAMMABLE DIE PROTECTION
- PRE 24" AIR FEEDER & STRAIGHTENER
- PRE 4000 MOTORIZED DECOILER

(2) 105 TON VERNON

- BED SIZE 40" X 31"
- RAM 24" X 21"
- STROKE 8"
- STROKES PER MINUTE 30
- ADJUST 16"
- PROGRAMMABLE DIE CONTROL 4"

90 TON TOLEDO

- BED SIZE 33" F TO B
32" L TO R
- WINDOW 33" L TO R
- STROKE 10"
- STROKES PER MINUTE 50
- SHUT HEIGHT 24" TO 18"
- CUSHION

TRANSFER SYSTEMS

(2) HMS MECHANICAL TRANSFER DECKS

- 3 AXIS HMS

WAYNE TRAIL 3 AXIS SERVO TRANSFER

DEEP DRAW PRESSES

450 TON AP & T DRAW PRESS

(2M-4000-25/13 AP & T)

- BED SIZE 98" X 51"
- WINDOW 98" L TO R 40"H
41" W X 40" H
31.5"
- STROKE
- 450 TON'S RAM
- MAXIMUM OPEN 39.370"
- MINIMUM SHUT 7.875"
- PROGRAMMABLE CUSHION UP TO 280 Tons
- TRIPLE CYLINDER
- AUTOMATIC TOOL CLAMPING SYSTEM
- PROGRAMMABLE LIGHT CURTAINS
- PROGRAMMABLE DIE PROTECTION
- COMPUTER CONTROLLED ON ALL CYLINDERS
FOR SPEED, STROKE & PRESSURE

(2) 250 TON AP & T 4 CYLINDER PRESS

APT LMD-2500AB DEEP DRAW 4 CYLINDER PRESS

- BED SIZE 39.4" F TO B
39.4" L TO R
- WINDOW 39.4" L TO R X
51" UP & DOWN
25" X 51" L TO R
- SIDE WINDOW
- CYLINDER 2: STROKE 11.8"
- CYLINDER 3: STROKE 19.7"
- CYLINDER 4: STROKE 11.8"
- STROKE ON MAIN RAM 31.5"
- MAIN RAM 250 TONS
- STROKES PER MINUTE 10 TO 12
- SHUT HEIGHT 19"
- PROGRAMMABLE LIGHT CURTAINS
- PROGRAMMABLE DIE PROTECTION
- COMPUTER CONTROLLED ON ALL CYLINDERS
FOR SPEED, STROKE & PRESSURE

CAN LINE

CUSTOM BUILT DEEP DRAW HI-PRODUCTION

FILTER CAN PRESS LINE

- DRAW DEPTHS UP TO 15 3/4 " TALL
- FULLY AUTOMATED FROM BLANKING TO TRIM

ROBOTIC WELDERS

(2)MOTOMAN ARC WORLD 6000 WELD CENTER

- 6 AXIS ROBOT
- INDEXING "FERRIS WHEEL" STYLE TABLES

CUSTOM ROBOTIC WELDING CELL

- 2 STATION
- 6 AXIS MOTOMAN ROBOT
- 2 WELD STATIONS

PRODUCTION SPOT WELDING

(3) WELDEX SPOT WELDER

- PROGRAMMABLE WELDING SYSTEM

WASH LINE

ALMCO 5 STAGE PHOSPHATE CONVEYOR WASHER

- 48" WIDE BELT
- 16" TALL OPENING

FABRICATION EQUIPMENT

TECHNICUT - ARASIVE WATER JET

- CUTTING BED 12' X 6'
- 60,000 PSI CUTTING PUMP
- DUEL HEAD

SHEAR

- PEXTO
- SHEAR 6' LENGTH

BRAKE PRESS

DI-ARCO

TUBE FABRICATION EQUIPMENT

FACCIN ROLL FORMER W/AUTO LOAD

- TYPE HEU 550x3
- 2 ROLL BENDING MACHINE WITH
AUTOMATIC BLANK LOADER

JET LINE PLASMA SEAM WELDER

- LWS-24

AMERICAN MACHINE & HYDRAULICS

TUBE END FORMER

SLIP ROLL- WYSONG

- 4" ROLL 60" WIDTH

QUALITY

BROWN & SHARPE MISTROL 775 CNC COORDINATE MEASURING MACHINE

- PC DMIS CAAD PRO ++
- DATA BASE SPC SOFTWARE

SURFACE PLATES

ROCKWELL HARDNESS

FALCON PROFILER

ENGINEERING & CNC DEPARTMENTS

- **CAD SOFTWARE**

- VERO/VISI
- AUTOCAD
- COMPUTERVISION
- FAST FORM
- FAST BLANK

- **CAD FILE IMPORT & EXPORT CAPABILITIES**

IMPORTS:

- ACIS ◦ CATIA V4 2D ◦ CATUA V5 ◦ DXF-DWG
- IGES ◦ PARASOLID ◦ PRO-ENGINEER
- SOLID EDGE ◦ SOLID WORKS
- STEP ◦ STL ◦ UNIGRAPHICS ◦ VDA ◦ VISI-CAD

EXPORTS:

- STEP ◦ ACIS ◦ CATUA V4 ◦ IGES ◦ MILLS (2D)
- PARASOLID ◦ UNIGRAPHICS ◦ VDA ◦ VISICAM ◦ VUSU-FLOW

- **2 CNC PROGRAMMING STATIONS**

- VERO CNC W/FEATURE RECOGNITION
- VERO WIRE

PREDATOR V4.1

ALL CNC EQUIPMENT ARE CONNECTED WITH PREDATOR TO DNC NETWORK,
WHICH IN TURN IS CONNECTED TO THE UELNER TOOLS & DIES NETWORK.
NC FILES CAN BE DOWNLOADED/UPDATED AT EACH CNC MACHINE
DIRECTLY FROM THE NETWORK

TOOL & DIE DIVISION

CNC MACHINING CENTERS

AWEA PC 3060 BRIDGE MILL

- 180" X 55" TRAVEL
- 32" TOOL MAGAZINE
- FANUC OM CONTROL

(3)LEBLOND MAKINO VERTICAL MACHINE CNTR

- MODEL FN106 CNC
- FANUC SYSTEMS 11 MF CONTROL
- 20 HP SPINDLE
- 30 TOOL ATC
- TRAVELS X41-516
- Y 23-5/8
- Z 22"
- LOAD CAPACITY 3,300 LBS.

LEBLOND MAKINO VERTICAL

- MODEL FNC28
- FANUC SYSTEMS 11 MF CONTROL
- 30 TOOL ATC
- TRAVELS X=49
- Y = 32
- Z = 27.5"
- LOAD CAPACITY 6,600 LBS

JIG MILL

DEVLIEG 43K-72

- TABLE TRAVEL 34" X 72"
- SPINDLE REACH 19-5/8"
- LONGITUDINAL 72"
 - VERTICAL 60"
 - TRANSVERSE 16"
- GE 1050 CONTROL

WIRE EDM'S

MITSUBISHI FA 20

- AUTO THREAD
- 4 AXIS WITH 5 DEGREE TAPERING
- WORK PIECE DIMENSION
- TABLE TRAVEL 19.6 X 13.7 X 11.8
- TABLE LOAD CAPACITY 1,764 LBS
- PROGRAMMABLE Z AXIS

MITSUBISHI FX 20

- AUTO THREAD
- 4 AXIS WITH 5 DEGREE TAPERING
- WORK PIECE DIMENSION
- TABLE TRAVEL 19.6 X 13.7 X 11.8
- TABLE LOAD CAPACITY 1,764 LBS
- PROGRAMMABLE Z AXIS

VERTICAL MILLS

(2) ALLIANT

- VARIABLE SPEED HEAD WITH READOUTS

(6) BRIDGEPORTS

- VARIABLE SPEED HEAD WITH READOUTS

CINCINNATI NO. 5

- 80" X 12" TRAVEL
- 20" X 95" TABLE

JIG BORE

PRATT & WHITNEY

- TABLE 44" X 22"
- LONGITUDINAL 44"
- TRANSVERSE 22"
- SPINDLE HEAD TRAVEL 15"
- SPINDLE TRAVEL 10"
- SONY READOUT

LATHES

COLCHESTER

- 21" C 108" LG
- 30" SWING OVER GAP
- 13" GAP
- INCH AND METRIC THREADING
- TAPER ATTACHMENT
- 3 AND 4 JAW CHUCKS
- 12" X 20" FACE PLATES
- 9" STEADY REST

LEBLOND

- 19" X 76" LG
- 3 AND 4 JAW CHUCKS
- 9-1/2" AND 17" FACE PLATES
- 6" STEADY REST WITH TAPER ATTACHMENT

LEBLOND

- 18" X 50" LG
- 3 AND 4 JAW CHUCKS
- COLLET CHUCKS FROM 1/16" TO 1-3/8"
- 9" AND 16" FACE PLATES
- 5" STEADY REST WITH TAPER ATTACHMENT

LEBLOND

- 15" X 76" LG

LEBLOND

- 19" X 60" LG

SURFACE GRINDERS

BLANCHARD GRINDER

- 42" MAGNETIC CHUCK
- 22" SEGMENTED WHEEL
- 18" UNDER WHEEL
- 40 HP

OKAMOTO

- 6" X 12" MAGNETIC CHUCK

OKAMOTO

- 6" X 18" MAGNETIC CHUCK

DOALL SAW

- 36" DEEP WITH AUTOMATIC POWER FEED
- FILING AND POLISHING
- WELDER ATTACHMENT

MARVELL

- SERIES 8

MATTISON CNC GRINDER

- DIGI-MAT SERIES II
- PC 3 AXIS CONTROL
- 14" X 36" MAGNETIC CHUCK
- 14" X 24" X 36"

THOMPSON

- 12" X 40" MAGNETIC CHUCK

L-W DEMAGNETIZER

SAWS

DOALL SAW

- 26" DEEP WITH POWER FEED
- WELDER ATTACHMENT

PEERLESS

- MECHANICAL 7" X 7" CUTOFF SAW
- POWER FEED

TOOL AND CUTTER GRINDERS

STERLING DRILL GRINDER

DAREX DRILL GRINDER

BENCH GRINDERS

US BENCH GRINDER 8"

BUFFALO BENCH GRINDER 6"

(2) BALDOR BENCH GRINDER 6"

BAKER PROFILE GRINDER

(2) DUMOR TOOL POST GRINDER

AIR COMPRESSORS

(2) GARDNER DENVER

- 50 HP
- ROTATING SCREW

HEAT SINK DRYER

RADIAL NARDINI – FNR 60

- 63-1/2" SWING

OOYO

- 48" RADIAL ARM

EDLUND

- DRILL PRESS
- VARIABLE SPEED (TAP SWITCHES)

EDLUND

- VARIABLE SPEED (TAP SWITCHES)

ROCKWELL

- DRILL PRESS (FLOOR MODEL)

BUX

- MAGNETIC DRILL

WELDERS

(2) MILLER

- MILLERMATIC 350P
- MILLERMATIC 135

LINCOLN

- IDEAL ARC DC-250

OXY & ACETYLENE

- PATTERN CUTTING TORCH

LINCOLN

- SQUIRT (ALUMINUM)

MILLER

- SPRAY WELDER

MILLER PLASMA CUTTER

- THERMAL DYNAMIC PAK MASTER
- 50 XL PLUS PLASMA TORCH

HEAT TREAT EQUIPMENT

THERMOLINE

- 24" W x 18" H x 36" L CAPACITY

THERMOLINE

- 8" W x 12" H x 18" L CAPACITY

THERMOLINE

- 8" W x 9" H x 13" L CAPACITY

SKUTT

- 24" DIAMETER x 16" DEEP, ROUND
DRAW FURNACE

MISCELLANEOUS EQUIPMENT

SUNNEN

- HONE

JANCY BEVELLING MACHINING

MI-T-M POWER WASHER

SAND BLASTER

SANDER

- BELT AND DISC

DIE PROFILER

CHARLES, STRETCHER ARBOR PRESS

MATERIAL HANDLING

FORK TRUCKS

YALE (BIG MAMMA)

- 42,000 LBS
- SIDE SHIFT

HYSTER 2536

- 2,200 LBS.

TOW MOTOR (BIG RED)

- 22,000 LBS

HYSTER 2374

- 1,950 LBS.

HYSTER 2190

- 4,600 LBS. AT 15"
- 3,700 LBS. AT 24"

CRANES

20 TON

- SHAW BOX
- 20 TON OVER-HEAD BRIDGE CRANE
- 44' SPAN
- 90' RUNWAY

HARRINGTON

- 10 TON CRANE
- DETROIT HOIST

LANDELL

- 10 TON OVERHEAD BRIDGE CRANE
- FULL VARIABLE SPEED ALL AXIS
- 50' SPAN
- 160' RUNWAY

(3) PH

10 TON CRANES

7000 FORD STRAIGHT TRUCK

450 FORD STRAIGHT TRUCK

F250 FORD PICKUP

TRUCKS

SEMI TRACTOR

INTERNATIONAL EAGLE WITH PRO-SLEEPER

(4) 45' VAN TRAILERS