



IOWA EQUIPMENT LIST

CNC Horizontal Machining Centers

Enshu model JE 80S dualpallet horizontal machining center
full "B" axis high pressure thru spindle coolant 31.5" x 31.5" x 31.5" travel

Enshu model JE 80S dualpallet horizontal machining center
full "B" axis high pressure thru spindle coolant 31.5" x 31.5" x 31.5" travel

Enshu model JE 60S dual pallet horizontal machining center
full "B" axis high pressure thru spindle coolant 23.6" x 23.6" x 24.8" travel

Enshu model JE 60 dual pallet horizontal machining center
360 "B" axis high pressure thru spindle coolant 23.6" x 23.6" x 24.8" travel

Enshu model JE 40 dual pallet horizontal machining center
360 "B" axis high pressure thru spindle coolant 15.7" x 19.7" x 15.7" travel

Daewoo model DMH 400 dual pallet horizontal machining center
360 "B" axis high pressure thru spindle coolant 23.6" x 22" x 22" travel

CNC Vertical Machining Centers

Enshu model 650 VX vertical machining center
26" x 73" table 30 station
Cat 50 Enac 1 control

Matsuura model MC-510 VF vertical machining center
20" x 14" x 17" 30 station Cat 40 4th axis

Fortune model V-Center 65 vertical machining center
16" x 32" table 24 station Cat 40

Matsuura model MC- 710 V-DC-2 Twin Spindle vertical machining center
28" x 14" x 24" 25 station BT 40 tool holders

Leadwell model MCV-550 D vertical machining center
16" x 32" table 16 station tool Cat 40 tooling

Dyna Mite model 4500 vertical machining center
20" x 16" x 20" 16 station tool Cat 40 4th axis

CNC Turning Centers

Wasino LG-6 CNC Turning Center

Gantry Loader

Emco Turn model 425 CNC turning center
twin spindles twin bar feed 1.00 max. diameter
12 station live tooling sub spindles VDI 15 tooling

Emco Turn model 425 CNC turning center
twin spindles twin bar feed 1.00 max. diameter
12 station live tooling sub spindles VDI 15 tooling

Emco Turn model 360 CNC turning center
8" chucking VDI 30 tooling live tooling sub spindle

Emco Turn model 360 CNC turning center
8" chucking VDI 30 tooling 2.50" diameter bar feed tailstock

Emco Turn model 342 CNC turning center
6" chucking collet chuck 8 station VDI 30 hydraulic tailstock

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6" chucking collet chuck 8 station VDI 30 hydraulic tailstock

Emco Turn model 340 CNC turning center
6" chucking collet chuck 8 station VDI 30

Emco Turn model 340 CNC turning center
6" chucking collet chuck 8 station VDI 30

Emco Turn model 320 CNC turning center
5" chucking tailstock 8 station

Daewoo model 8-2 SP CNC turning center
twin spindle twin bar feeds 10" chucks collet system

Daewoo model 10 HC CNC turning center
10 station turret 15" swing 25" centers 10" chuck hydraulic tailstock

Daewoo model Puma 8HC3A CNC turning center
8" chuck 3 axis 12 station "C" axis rotation programmable tailstock
20" swing 19" centers hydraulic bar feed

Daewoo model Puma 8-1 CNC turning center
8" chuck 10 station turret programmable tailstock

Daewoo model Puma 8 CNC turning center
8" chuck collet chuck 8 station turret hydraulic tailstock

Daewoo model Puma 6 S CNC turning center
6" chuck 8 station turret programmable tailstock 2 axis

Daewoo model Puma 6 S CNC turning center
6" chuck 8 station turret programmable tailstock 2 axis

Daewoo model Puma 6 S CNC turning center
6" chuck 8 station turret programmable tailstock 2 axis

Kia model Kit 15 CNC turning center
6" chuck 8 station turret programmable tailstock 2 axis

Kia model Kit 15 LX CNC turning center
6" chuck 10 station turret programmable tailstock 2 axis

Fortune model V-turn 20 CNC turning center
8" chuck collet system 10 station turret hydraulic tailstock 2 axis

Okuma model LC 20 CNC turning center
4 axis twin 8 station turrets 16" swing

Nissin model NK-4 Twin Turning Center
Twin Spindle
12" Chucks
12 Station Turrets
18.9" Swing
5 Holders

Sawing Capabilities

(4)Wagner automatic cold cut off saw
10" blade diameter Lovegreen 12' stock feeder system
chain drive automatic stock advance
overhead crane to load all (4) units

(2)DoALL model C-1216 A semi automatic horizontal band saw
12" x 16" capacity auto clamping stock advance 12' infeed roller conveyor 1.00 blade

Kalamazoo model B300 automatic horizontal band saw
13" max diameter 6' roller table ball screw feed 1.250 blade size auto feed

Startrite H500A automatic horizontal band saw
10" max diameter 6' roller table 1.250 blade size auto feed

Kalamazoo model model FS350A non ferris cold saw
5" square max auto loading feed system 13.779" diameter carbide tip blade

Elumatic model T161 non ferris bottom cutting carbide tip circular saw

Support Equipment/2nd Operation

(2)Warner & Swasey model 2AB single spindle automatic
3 bar capacity

(2)Warner & Swasey model 0AB single spindle automatic

(4)Warner & Swasey model 2AC single spindle automatic

(1)Warner & Swasey model 0AC single spindle automatic

(2)Bridgeport vertical milling machine
1 1/2 HP variable speed digital readouts

(2)Sunnen precision honing machine model MBB1660K

(2)Miller DC inverter arc welder (pulse welders) model
Invision 354 with Miller series 60 wire feeder

(1)Miller model Millermatic arc welder
250 volt AC/DC welder internal wire feeder mobil cart

(4)Schmidt model 365 roll marking machines
rounds and flats

Precision Inspection Equipment

Mitutoyo CNC coordinate measuring machine model BHN 305
Renishaw Ph-1 probe geopac software

Brown & Sharp CNC coordinate measuring machine model Micro Xcell PFX
32" x 36" granite work plate Renshaw probe

KPT tool measuring and pre-setting station
Model Oialset 0350

(2)Trimos/Fowler 24" digital height gage
air bearings computerized

Scherr-Tumico optical comparator model 20-3500
Quadra Check 2000 digital readouts

Mitutoyo laser scan bench top micrometer measuring system model LSM-3D-1
Measuring range .012" to 1.18"

Mitutoyo digital height gage model HOS digimatic 24"

KTP tool measuring and pre-setting station model Diaset 350

Bauer electronic bore gages
.375 - 5.00 diameter

Ring gages, pin gages, precision gage block, micrometers, pitch mics, etc.

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