

MSI Corporate Facility List

BUILDING:

47,000 SQ. FT. STEEL BUILDING

MSI is conveniently located just 2 miles south of the Eastern Iowa Airport.

CNC MILLS:

- 2 - FPT DINO HIGH SPEED 5 AXIS BRIDGE STYLE MILLING MACHINE.
 - X AXIS: 110"
 - Y AXIS: 86"

- 1 - PARPAS OMV FORMULA HORIZONTAL 5-AXIS GANTRY STYLE MACHINING CENTER
 - X AXIS: 256"
 - Y AXIS: 142"
 - Z AXIS: 63"

- 1 - FPT LEM 935 HORIZONTAL/VERTICAL MACHINING CENTER WITH FIDIA F1 CONTROL
 - X AXIS: 100"
 - Y AXIS: 80"

- 1 - OKK MCV-1060 VERTICAL MACHINING CENTER
 - X AXIS: 84"
 - Y AXIS: 42"

- 1 - OKK VM 7 VERTICAL MACHINING CENTER
 - X AXIS: 60"
 - Y AXIS: 30"
 - Z AXIS: 26"

- 1 - OKK VM 7 III VERTICAL MACHINING CENTER
 - X AXIS: 60"
 - Y AXIS: 30"
 - Z AXIS: 26"

- 1 - OKK 1260 VERTICAL MACHINING CENTER
 - X AXIS: 84"
 - Y AXIS: 50"

- 1 - JOHNFORD 4100 BRIDGE CNC
 - X AXIS: 161"
 - Y AXIS: 90"
 - Z AXIS: 31"

- 1 - OOYA 2185 CNC MACHINING CENTER
 - LEMOINE HIGH SPEED MACHINE CONTROL
 - X AXIS: 83"
 - Y AXIS: 32"

- 1 - KURAKI KBT-13DX CNC BORING MILL
 - X AXIS: 118"
 - Y AXIS: 78"

- 1 - HASS VF-5 30 HORSE POWER HIGH TORQUE WITH HIGH SPEED CONTROL
 - X AXIS: 50"
 - Y AXIS: 26"

- 1 - HAAS VF-3SS
 - X AXIS: 40"
 - Y AXIS: 20"

- 1 - HAAS VF-3 WITH CREATIVE CONTROLS
 - X AXIS: 40"
 - Y AXIS: 20"

- 1 - ROKU ROKU HC 658 HIGH SPEED GRAPHITE MILL
 - X AXIS: 23.6"
 - Y AXIS: 19.6"

- 1 - HAAS VF-OE WITH CREATIVE CONTROLS
 - X AXIS: 24"
 - Y AXIS: 16"

- 1 - HAAS VF1 WITH HAAS NEX GEN CONTROLS
 - X AXIS: 20"
 - Y AXIS: 16"

MILLING MACHINES:

- 1 - BRIDGEPORT #1 VERTICAL MILL WITH DIGITAL READ-OUT

- 2 - BRIDGEPORT SERIES 2 SPECIAL VERTICAL MILLS WITH DIGITAL READ-OUTS

EDM MACHINES:

- 1 - CNC 5-AXIS XERMAC X-80
 - X AXIS: 80"
 - Y AXIS: 40"
 - TANK: 120" x 53"
 - 400 AMP GENERATOR
 - EROWA TOOLING

- 1 - 5 AXIS CHARMILLES ROBO FORM 84 CNC EDM
 - X AXIS: 30"
 - Y AXIS: 24"
 - TANK SIZE: 42" x 62"
 - 128 AMP GENERATOR
 - EROWA TOOLING

- 1 - CHARMILLES ROBOFIL 510 WIRE EDM
 - X AXIS: 27"
 - Y AXIS: 15"
 - 0 TO 30 DEGREE
 - 4400LBS WEIGHT CAPACITY

- 1 - MITSUBISHI EX30 AND 3R CNC EDM
 - 33" x 48" TANK SIZE
 - 120 AMP POWER SUPPLY
 - EROWA TOOLING

- 1 - 5 AXIS INGERSOLL EAGLE 1400 GANTRY CNC EDM
 - X AXIS: 50"
 - Y AXIS: 93"
 - TANK SIZE: 60" x 102"
 - 110 AMP GENERATOR
 - 48 POSITION TOOL CHANGER
 - EROWA TOOLING

LATHES:

- 1 - KEIYOSEIKI 12" x 48" ENGINE LATHE
- 1 - HARDINGE 11" x 8" SUPER-PRECISION LATHE
- 1 - MILTRONICS ML-15 CNC LATHE

GRINDING EQUIPMENT:

- 1 - NICCO HYDRAULIC 16 x 24 SURFACE GRINDER
- 2 - HARIG SURFACE GRINDERS 6" x 18"
- 2 - MHT SURFACE GRINDERS 6" x 18"
- 1 - K.O. LEE TOOL & CUTTER GRINDERS
- 1 - WEBER DRILL GRINDER
- 1 - BLACK DIAMOND DRILL GRINDER
- 1 - IPSCO INTERNATIONAL EJECTOR PIN GRINDER
- 1 - ENCO – TOOL AND CUTTER GRINDER
- 1 - DAREX – EXPANDABLE TOOL SHARPENER

GUN DRILL:

- 1 - TARUS CNC GUN DRILL WITH AUXILIARY SPINDLE
 - X AXIS: 144"
 - Y AXIS: 60"
 - Z AXIS: 84"

DRILLS:

- 1 - OOYA 5' RADIAL ARM DRILL
- 1 - OOYA 6' RADIAL ARM DRILL

ROBOTICS:

- 1 - EROWA COMPACT ERC-80 ROBOT
- 8 LEVELS - 88 POSITIONS OF ITS-50 PALLETS
- 3 LEVELS - 6 POSITIONS OF UPC PALLETS

RELATED EQUIPMENT:

- 2 - 30-TON OVERHEAD BRIDGE CRANES
- 3 - 10-TON OVERHEAD BRIDGE CRANES
- 1 - 15-TON OVERHEAD BRIDGE CRANE
- 2 - 2-TON JIB CRANES
- 1 - 1/2-TON X 16' COLUMN MOUNT CRANE
- 1 - 16" DRILL PRESS
- 2 - HARIG GRINDING FIXTURE
- 1 - GLASS BEAD BLAST MACHINE
- 1 - GLOBE VERTICAL BAND SAW
- 1 - PRECISE HIGH-SPEED SPINDLE
- 1 - PORTABLE TORIT VACUUM
- 1 - WELLSAW HORIZONTAL BAND SAW
- 1 - MILLER WIRE WELDER
- 1 - 300-300 LINCOLN HELI-ARC WELDER
- 2 - MILLER HELI-ARC WELDERS

- 1 - 18,000 LB. FORKLIFT
- 2 - 6,000 LB FORKLIFT

CAD/CAM

- 10 - CAD WORKSTATIONS SOLIDWORKS MOLD DESIGN SEATS
- 4 - PRO E MOLD DESIGN SEATS.
- 4 - SOLIDWORKS SOFTWARE SEATS
- 2 - SEATS OF LEMOINE PROGRAMMING SOFTWARE
- 7 - SEATS OF PROSPECTOR PROGRAMMING SOFTWARE
- 1 - SEATS OF CIMITRON PROGRAMMING SOFTWARE
- 3 - SEATS OF TEBIS 5 AXIS PROGRAMMING SOFTWARE
- 1 - CIMNET DNC SOFTWARE FOR NC FILE DISTRIBUTION
- 1 - SEAT OF EDGE CAM LATHE TURNING SOFTWARE

SPECIAL EQUIPMENT:

- 1 - 1000-TON CINCINNATI INJECTION MOLDING MACHINE FOR MOLD SAMPLING (174-oz)
- 1 - 3000-TON VAN RORN INJECTION MOLDING MACHINE FOR MOLD SAMPLING (400-oz)
- 1 - REIS 200 TON TRY OUT PRESS WITH 2-GALLON WAX SHOT CAPACITY, TILT OUT PLATENS, 48" x 58" CAPACITY
- 1 - 50-TON ARBOR PRESS
- 1 - 15-TON BUSHMAN MOLD FLIPPER
- 1 - 30-TON CALDWELL MOLD FLIPPER

TRUCKING:

- 1 - F550 FLATBED TRUCK
 - 10,000 PAYLOAD CAPACITY
- 1 - F250 ¾ TON PICK-UP TRUCK