

Cedar Rapids, Iowa

Facility Overview & Equipment List

A 47,000 square foot facility that manufactures medium to large molds and packages of molds. A wide variety of tools are produced at MSI's Iowa location, from those as small as 8x8 inches that may run in a MUD base to those that are 6x8 feet and sized for 1,500- to 6,000-ton presses.

MSI's facility is conveniently located just two miles south of the Eastern Iowa Airport.

12300 6th Street SW
Cedar Rapids, IA 52404
319.848.7001

CNC MILLS

Qty	Item	Details	Qty	Item	Details
2	FPT Dino High Speed 5-Axis Bridge Style Milling machine	<ul style="list-style-type: none"> • X axis: 110" • Y axis: 66" • Z axis: 40" 	1	Johnford 4100 Bridge CNC	<ul style="list-style-type: none"> • X axis: 161" • Y axis: 90" • Z axis: 31"
2	FPT Dino High Speed 5-Axis Gantry Style Milling machine	<ul style="list-style-type: none"> • X axis: 98" • Y axis: 86" • Z axis: 43" 	1	Kuraki KBT-A CNC Boring Mill	<ul style="list-style-type: none"> • X axis: 118" • Y axis: 90" • Z axis: 51"
1	Parpas OMV Formula Horizontal 5-Axis Gantry Style Machining Center	<ul style="list-style-type: none"> • X axis: 256" • Y axis: 142" • Z axis: 63" 	1	Hass UMC-750 SS 5-Axis Verticle Mill	<ul style="list-style-type: none"> • X axis: 30" • Y axis: 20" • Z axis: 20"
1	FPT LEM 935 Horizontal/Vertical Machining Center	<ul style="list-style-type: none"> • X axis: 100" • Y axis: 80" 	1	Hass VF-5 30 Horse Power High Torque with High Speed Control	<ul style="list-style-type: none"> • X axis: 50" • Y axis: 26"
1	OKK MCV-1060 Vertical Machining Center	<ul style="list-style-type: none"> • X axis: 84" • Y axis: 42" 	1	Haas VF1	<ul style="list-style-type: none"> • X axis: 20" • Y axis: 16"
2	OKK VM 7 Vertical Machining Center	<ul style="list-style-type: none"> • X axis: 60" • Y axis: 30" • Z axis: 26" 			
1	Haas VF-3SS	<ul style="list-style-type: none"> • X axis: 40" • Y axis: 20" 			
1	Roku Roku HC 658 High Speed Graphite Mill	<ul style="list-style-type: none"> • X axis: 23.6" • Y axis: 19.6" 			

GUN DRILL

Qty	Item	Details
1	Tarus CNC Gun Drill with Auxiliary Spindle	<ul style="list-style-type: none"> • X axis: 144" • Y axis: 60" • Z axis: 84"
1	Unisig USC-3m Deep Hole Drilling and Machining Center with Rotary Table	<ul style="list-style-type: none"> • X axis: 122" • Y axis: 68" • Z axis: 51" • W axis: 106"

EDM MACHINES

Qty	Item	Details
2	5-Axis Ingersoll Eagle 1400 Gantry CNC	<ul style="list-style-type: none"> • X axis: 50" • Y axis: 93" • Tank size: 60" x 102" • 110 amp generator • 48 position tool changer • Erowa tooling

LATHES

Qty	Item
1	Haas ST-20 Turning Center 9" x 22"
1	Grizzly G0600 20" x 60" 3-Phase Big Bore Lathe
1	Hardinge 11" x 8" Super-Precision Lathe

CAD/CAM

Qty	Item	Qty	Item
6	CAD Workstations Solidworks Mold Design Seats	7	Seats of Prospector Programming Software
3	Pro E Mold Design Seats	2	Seats of Cimitron Programming Software
3	Solidworks Software Seats	6	Seats of Tebis 5-Axis Programming Software
10	Seats of Lemoine Programming Software	2	Cimnet DNC Software for NC File Distribution

SPECIAL EQUIPMENT

Qty	Item	Qty	Item
1	1000-ton Cincinnati Injection Molding Machine for Mold Sampling (174-oz)	1	50-ton Arbor Press
1	3000-ton Van Dorn Injection Molding Machine for Mold Sampling (400-oz)	1	15-ton Bushman Mold Flipper
		1	30-ton Caldwell Mold Flipper