



A Letter from the President

It is the policy of The Superior Die, Tool and Machine Company to produce products that will competitively meet the customer's quality requirements. We recognize the customer is a valuable and integral part of our organization.

The policies and procedures inherent in our quality system are intended to assure that the products produced do indeed meet the requirements of the customer. They have been developed to reflect a quality program which will attain both statistical process control and, ultimately, company wide quality control and continuous improvement in both quality and productivity. Compliance with our quality system is an integral part of our business. These policies and procedures have the unqualified support of top management.

Please take a few minutes to look through this brochure. I believe you will see that we are capable of taking a project from the very earliest stages right through to completion.

I assure you that all of us at The Superior Die, Tool and Machine Company will do our utmost to make our business relationship with you the best that it can be from a quality and service standpoint.

Richard W. Holstein
President

Roger A. Holstein
Vice-President

Gary A. Holstein
Vice-President



Die, Tool Facility (614) 444-2181 • Stamping Facility (614) 443-5244



Fairwood Facility



From the concept to the finished product, The Superior Die Tool & Machine Company has the capability and the equipment to produce a "quality product at a competitive price with 100% on time delivery". This Mission started in 1914, and since then has produced a proud tradition and heritage within Superior's employees. Superior will always strive to maintain a continued commitment of satisfaction for our customers.

Marion Facility



Check out our web-site: www.Superior-DieTool.com



Service, Products and Customers

SERVICES

- ◆ Machining
 - Lathe
 - CNC Milling - 10' x 20'
 - Conventional Milling - 10' x 20'
 - Weight - 75,000
(unlimited with rigging arrangements)
- ◆ Stamping
- ◆ Die Repair Engineering Changes
- ◆ Die Construction/Tryout
- ◆ Welding
- ◆ Wire EDM
- ◆ NC Programming
- ◆ CMM Inspection
- ◆ Emergency Assist

EMERGENCY ASSIST PRODUCTION

This plan is to help expedite the startup process in an Emergency Assist situation. Also to familiarize the customer with Superior's procedures and processes relative to any Emergency Assist request.

PRODUCTS Best Fitted For Our Presses

(Emergency Assist, Short Term Factory Assist or Long Term)

Specializing in bumpers for light trucks / Lawn and garden / Agricultural

Quarter Panels	Brackets & Braces	Back Window	Door Inners	Bumpers
B Pillar, C Pillar	Hoods	Dash Panels	Floor Pans	
Deck Lids	Extension Rear Seat	Reinforcements	Fenders	

CUSTOMERS (Past & Present)

ABC Companies	Jefferson Industries	Mayflower	Newman Tech	Tracker Marine
Austin Tri-Hawk	KTH	MTD Products	Shiloh Industries	TS Tech
Ford	Liberty Steel	M & J	Subaru	Visteon
Gerstenslager	Mack Truck	Navistar	Tower Automotive	Volvo Truck
Honda				

General Motors

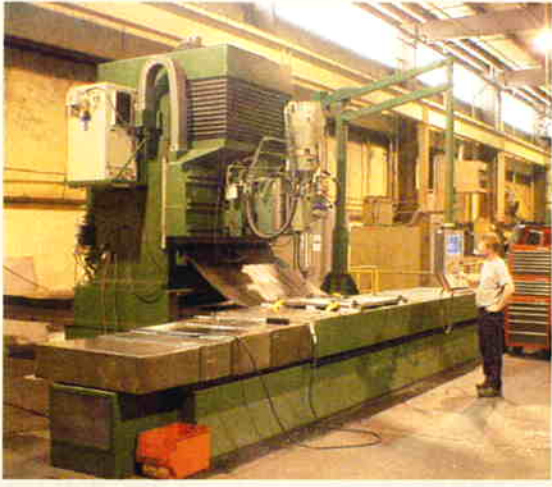
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|----------------|-------------|----------|--------------|--------------|
| • Flint | • Lordstown | • Marion | • Pittsburgh | • World Wide |
| • Indianapolis | • Mansfield | • Parma | • Wentzville | |

Magna

- | | | | | |
|----------|--------------------|-------------|----------------------------|----------|
| • Karmax | • Drive Automotive | • Eaglebend | • Bowling Green Metal Form | • Vehtek |
|----------|--------------------|-------------|----------------------------|----------|



Machining



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Equipment List

Fairwood Avenue

CNC Mills

Giddings & Lewis Horiz. Mill

"X" Axis 188"
"Y" Axis 98"
"Z" Axis 30"

Juaristi Horiz. Mill

"X" Axis 236"
"Y" Axis 118"
"Z" Axis 39"

Leblond Makino Horiz. Copy Mill

Working Table 114 3/16" x 39 1/2"
Model Table
98 7/16" x 39 1/2" x 51 3/16"
"X" Axis 98.5"
"Y" Axis 51.0"
"Z" Axis 39.5"

Leblond Makino Vertical Copy Mill

Working Table 55" x 23 3/4"
Model Table 21 1/2" x 23 3/4"
"X" Axis 41 3/8"
"Y" Axis 23 5/8"
"Z" Axis 22"

Rochester Vertical Mill (High Speed)

"X" Axis 98.4"
"Y" Axis 47.2"
"Z" Axis 35.4

Wire EDM

Mitsubishi DWC100H
21" x 23" x 10" Height

Large Conventional Mills - With

3 Axis Readout

Bragonzi With Turn Table

48" x 60" Turn Table
"X" Axis 78"
"Y" Axis 65"
"Z" Axis 60"

44" x 5" Spindle

Cincinnati Gilbert

136" x 48" Table
"X" Axis 126"
"Y" Axis 60"
"Z" Axis 36"

Spindle 30" x 4"

Zayer Mill - Universal Head

85" x 27 1/2" Table
"X" Axis 73"
"Y" Axis 40 1/2"
"Z" Axis 38"

Welders

Portable Spot Welder
Arc, Stick, Tig
Mig, Gas

Ovens

For Weld Prep
Heat Treat
Die Repair

Arbor Presses

150-300 Ton Hydraulic

Flex Arm Grinder

(2) Portable Die Grinder

Small Conventional Mills

(4) Doall Vertical Mills

(2) OKK Horizontal

"X" Axis 44"
"Y" Axis 21"
"Z" Axis 13"

(2) Lagun Vertical

Saws

Contour
Cut-off Hydraulic
Abrasive Cut-off

Forklifts

Up to 40,000lbs capacity

Shear

Cincinnati 1 1/4" x 120"

Boring Machines

Pratt Whitney No. 2A Jig Bore

Die Separator

Lamina
(2) Modern

Weld Cell

(2) MotoMann Controller
Spot Welder
Manual Spot

Grinders

Bench
Cutter
Profile
Pedestal
Surface
Blanchard 42" Capacity

Lathes

Time Master 30" x 120"
Tarnow 22" x 72"
Supermax 17" x 42"
American 32" x 408"
Lodge & Shipley 20.5" x 54"
Bullard VTL 42" x 48"

Radial Drill Press

Sass Hercules
Cincinnati Bickford
Carlton
Gilbert

Pedestal Drill Presses

5 Drill Presses

Cranes Overhead

35 Ton Crane Machine Bay
25-50 Ton Crane Stamping
10-25 Ton Crane Die

Coordinate Measuring Machines

Sheffield

71" x 142" Table
48" Z Axis
48" Y Axis
140" X Axis
Capps Inspection Software
Dea Delta 4507 (New 2006)
100" X Axis
160" Y Axis
100" Z Axis
Open DMIS
Inspection Software
Renishaw PH10M
Scan Prob

Marion Road

Mills

(2) Bridgeport

Vertical Mill
"X" Axis 30"
"Y" Axis 12"
"Z" Axis 17"

Cincinnati Universal

Vertical & Horizontal Mill
"X" Axis 42"
"Y" Axis 14"
"Z" Axis 19"

Welders

Arc, Tig, Mig & Gas
Spot Welder with Auto Nut Feeder

Grinders

Manual Surface
Auto Surface

Die Separator

Modern Hydraulics

Radial Drill Press

Fosdick
Clausing

Cranes

P&H 20ton Bridge Crane

Lathes

Jet Engine Lathe

Saws

Doall Vertical Band
Magna Horizontal Band

Weld Cell

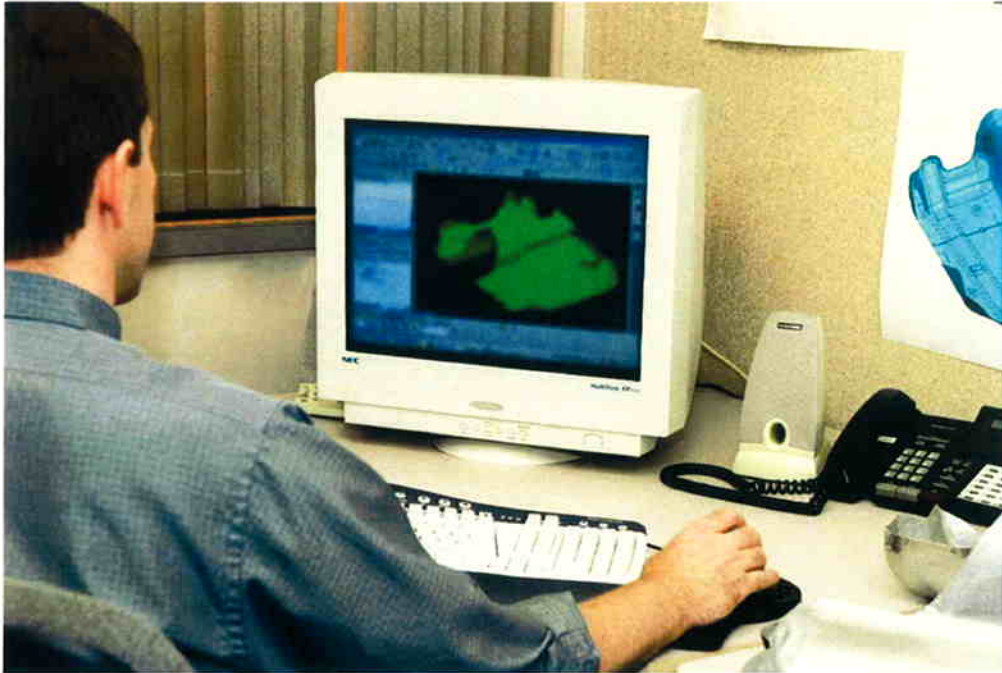
Fanuc Controller
Robotic Spot

Flex Arm Grinder

Portable Die Grinder

Forklifts

Up To
40,000lbs capacity



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CAD CAM Department

Continuous improvement in quoting, designing, and constructing automotive and appliance dies and tools has been achieved through the application of cutting-edge technologies. Superior's design and engineering staff have married the Computer Aided Design (CAD) system to Computer Numerical Control (CNC) equipment. Reduced operating costs and increased efficiency have followed. The most important result is the ability to consistently meet or exceed customer specifications in terms of both quality and delivery.

SYSTEMS

HP B1000 UNIX Workstation
HP C3600 UNIX Workstation
1150 Mhz Windows 2000 Workstation
1200 Mhz Windows 2000 Workstation

SOFTWARE

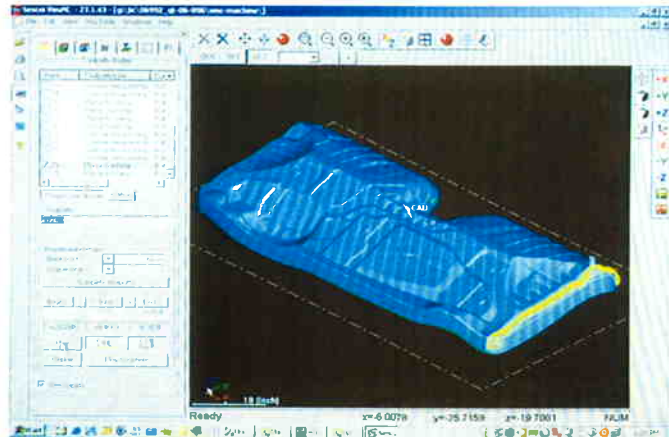
2 seats – Unigraphics NX
1 seat – Catia V 4.2.4
1 seat – Catia V 5
1 seat – WorkNC V. 15
1 seat – AutoCAD 2000
1 seat – Acu-Carv 2000

PLOTTERS

HP DesignJet 800

DATA TRANSFER CAPABILITIES

Member of Auto Web
Member of the AFX Data Transfer Network
FTP Site: <ftp.superior-dietool.com>
4mm DAT tapes
Email: cadcam@superior-dietool.com
CD-ROM
CD-RW
3.5" Floppy Disk



Die Construction

Superior's state-of-the-art CNC equipment plays a key role in the successful manufacturing of our customer's dies and tools.

Equally important is the role played by Superior's "Team Leader" concept. Daily communication between management, team leaders and diemakers assures reliable schedules and timely deliveries for our customers.

