

TSG
Tooling Systems
Group

MTS
Mold

Mold Tooling Systems, Inc.

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Equipment List

CAD/CAM

| Quantity | Equipment |
|----------|--------------------------------|
| 1 | Unigraphics license |
| 2 | WorkNC licenses |
| 1 | Inventor License |
| 1 | Key Creator License |
| 1 | VISI Software |
| 1 | Hewlett Packard 750 C+ Plotter |

Milling Machines

| Quantity | Equipment | Work Area |
|----------|--|------------|
| 1 | Haas VF-9/50 Vertical Machining Center | 40" x 84" |
| 1 | Sharno HPM 85 CNC mill w/ laser digitizing | 34" x 85" |
| 1 | Haas VMC40 CNC mill | 26" x 40" |
| 1 | Sharno HPM 40 CNC mill w/ laser digitizing | 24" x 40" |
| 1 | Cincinnati CNC horizontal boring mill w/ FIDIA control | 84" x 120" |
| 3 | Willis Microcut 1050 vertical knee mills | 10" x 50" |

Handling Equipment

| Quantity | Equipment |
|----------|--|
| 1 | 20-ton overhead crane |
| 1 | 10-ton overhead crane |
| 1 | Allis Chalmers lift truck w/ 12,000 lb. capacity |

Drill Presses

| Quantity | Equipment | Size |
|----------|----------------------------------|-----------------------|
| 1 | Cincinnati Bickford radial drill | 15" column 72" arm |
| 1 | Carlton radial drill | 17" column 72" arm |
| 1 | Cincinnati Bickford radial drill | 9" column 48" arm |
| 1 | Cincinnati Bickford power feed | 21" |

Grinders

| Quantity | Equipment |
|----------|-----------------------------|
| 1 | Gallmeyer 18" x 60" grinder |
| 1 | Okamoto 6" x 18" grinder |

Lathe

| Quantity | Equipment |
|----------|-------------------|
| 1 | Jet Lathe-14 x 40 |

Cut-Off Equipment

| Quantity | Equipment |
|----------|--|
| 1 | Dake Parma XC Work-A-Matic saw |
| 1 | Wells AC-7 12" bandsaw |
| 1 | Clausing Kalamazoo 8 x 12 Horizontal wet cut Bandsaw |

Spotting Press

| Quantity | Equipment | Bed Size | Shut Height | Other |
|----------|-----------------------------|------------|--------------------|-------|
| 1 | 300-ton Dake spotting press | 61" x 115" | 88" max 36" min | |

QC Department

| Quantity | Equipment |
|----------|------------------|
| 2 | Laser Digitizing |

Miscellaneous

| Quantity | Equipment |
|----------|------------------------------|
| 1 | Miller Syncrowave 351 welder |

EDM Machines

| Quantity | Equipment | Work Area |
|----------|---------------------------------|-----------|
| 1 | Cincinnati EDM Machine-140 amp | 42" x 70" |
| 1 | Cincinnati EDM Machine- 100 amp | 46" X 96" |

Shop Size

| |
|------------------------|
| Approx. 16,000 sq. ft. |
|------------------------|