

## Mold Building Equipment List

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### Design & Programing

- Unigraphics NX
- Auto CAD
- Work NC
- Master Cam
- Poly Works

### CNC Machining

- LHS-40, 6 Axis, Travel X-157", Y-78", Z-49"
- Active-Five, High Speed 5 axis, Travel x-118", y-70", z-33"
- (5) Makino VMC F5, Travel 20" x 40"
- OKK VMC 1260, Travel 51" x 81"
- OKK VMC VM76R
- OKK 1600 with dual pallet changer
- Haas UMC 1000
- OKK VM-7
- Methods 1000 5 axis machine
- DMG 400 Twin pallet Horizontal

### CNC Machining Centers for Graphite

- OKK DGM 400 Travel 22" x 16" x 16"
- Makino VMC F3, Travel 20" x 33"

### Milling, Boring & Gun Drill Machining

- Shibaura BFT13C Horizontal Boring Mill Travel 71" x 98"
- (1) OKK Vertical Mills MH -3V Travel 18" x 30"
- (8) Bridgeport Vertical Mills
- Tarus gun drill

### EDM Machines

- Leblond Makino EDNC 160 Travel 42" x 29"
- Sodick AG80L+LN2
- Sodick VL600Q+LN2 Wire
- Makino EDNC 16" x 27" 65S

### Grinding Machines

- Eleven Surface Grinders, various sizes
- Up to 30" x 60" size

### Welding Machines

- Alpha Laser Welder, Model AL 200 CWS
- Two (2) Miller Syncrowave 250 AC/DC
- Miller 300 Tig
- Two (2) Miller Wire
- Alpha laser, Model AL 150 CWS
- Lincoln Idea Arc 250
- Hobart Portable 300 AMP DC
- Miller Portable Post LMSW-52

### CMM and Inspection

- CMM, Poly with Virtual Dmis software, travel 48" x56" x 96"
- Height Gages, multiple, ranging in size from 12" to 40 "
- Six (6) Granite surface tables, multiples and various sizes

### Sawing Machines

- Multiple cut off, chop and bands saws

### Drilling Machines

- Multiple makes and sizes

### Transportation

- International Truck with roll away canvas box shell, 43,500 lb Capacity
- International Truck, 17,500 lb Capacity
- Ford 350 ton pickup
- Ford ¾ ton pickup
- Dodge 5500

### Mold Handling and Cranes

- Overhead Cranes ranging from 5 ton to 30 ton
- Large array of fork lift trucks

### Spotting Presses and Misc. equipment

- Spotting Press, New Mullitensil, BV-30E-RG
- Spotting Press, 100 ton with bed size of 50" x 52"
- Spotting Press, 100 ton with bed size of 48" x 48"
- Lathes, multiple types and sizes