



<u>NAME</u>	<u>MACH - DESCRIPTION</u>	<u>WORK CAPACITY</u>
CNC LATHE	PUMA 700 CNC Lathe	32" X 59"
CNC LATHE	PUMA 700 CNC Lathe	32" X 59"
CNC LATHE	PUMA 400 CNC Lathe	18" X 38"
CNC LATHE	PUMA 400 CNC Lathe	18" X 38"
MANUAL LATHE	MONARCH LATHE	25" x 48"
MANUAL LATHE	MONARCH LATHE	20" X 192"
CNC VERTICAL LATHE	BULLARD VERTICAL TURNING LATHE	100" SWING
CNC LATHE	PUMA 2600M CNC LATHE	10" X 22"
CNC LATHE	PUMA 4100LB CNC LATHE	18" X 82"
CNC LATHE	PUMA 2100 CNC LATHE	8" X 24"
CNC MILL	DAEWOO MILL	80.2" X 30" X 30.2"
CNC MILL	DOOSAN MILL	40.2" X 21.3" X 20.9"
MANUAL MILL	ATRUMP KNEE MILL	40" x 17" x 16" (12" x 60" TABLE SIZE)
MANUAL MILL	BRIDGEPORT	30" x 15" x 16" (11" x 58" TABLE SIZE)
MANUAL MILL	BRIDGEPORT	30" x 15" x 16" (11" x 58" TABLE SIZE)
MANUAL MILL	BRIDGEPORT	30" x 15" x 16" (11" x 58" TABLE SIZE)
MANUAL MILL	BRIDGEPORT	36" x 12" x 16" (9" x 49" TABLE SIZE)
MANUAL MILL	BRIDGEPORT	36" x 12" x 16" (9" x 49" TABLE SIZE)
HORIZONTAL BORING MILL	G&L HORIZONTAL BORING MILL	60" X 30" (122" X 60" TABLE SIZE)
HORIZONTAL BORING MILL	G&L HORIZONTAL BORING MILL	60" X 30" (122" X 60" TABLE SIZE)
CNC MILL	SAMSUNG CNC MILL	41.34" X 21.26" X 20.47"
CNC MILL	DNM6700 CNC MILL	51.18" X 26.38" X 24.6"
CNC MILL 5-AXIS	IBARMIA CNC MILL	118" X 33.4" W/ 31.49" ROTARY TABLE
CNC MILL 5-AXIS	HAAS 5 AXIS UMC-500	24" X 16" X 16" W/ 15.7" PLATTER DIA.
CNC MILL 5-AXIS	HAAS 5 AXIS UMC-750	30" X 20" X 20" W/ 27" PLATTER DIA.
CNC MILL 5-AXIS	HAAS 5 AXIS UMC-1250	50" X 30" X 28" W/ 30" PLATTER DIA.
CNC VERTICAL LATHE	G&L VERTICAL TURNING LATHE	48" SWING



5-Axis Machining Centers:

- **Haas UMC-1250:** A versatile 5-axis universal machining center specifically engineered for precision parts.
- **Haas UMC-750:** This 5-axis machining center is well-suited for medium-sized precision components.
- **Haas UMC-500:** Ideal for producing small to medium precision parts, this 5-axis machining center offers outstanding performance.
- **IBARMIA L3000 Star:** A high-rigidity 5-axis milling center designed for large and complex components.

Vertical Machining Centers (VMCs):

- **Daewoo DMV 8030 Mill:** A robust CNC mill appropriate for medium to large components.
- **Doosan Mynx 5400/50 Mill:** Delivers high precision for tight-tolerance details within its CNC milling capabilities.
- **ATRUMP Mill:** This manual/CNC hybrid mill is particularly effective for tooling, setup work, and short-run jobs.
- **Bridgeport Mills (5x):** Reliable manual mills ideal for prototyping, fixtures, and small components.
- **Samsung CNC Mill:** Specifically designed for medium-sized components and general industrial parts.
- **DNM6700 Mill:** A high-performance CNC mill tailored for precision production work.

Horizontal Boring Mills (HBM)

- **Giddings & Lewis HBM (2 units):** These large-capacity horizontal boring mills are designed for heavy and precision components



CNC Turning Centers

- **Doosan PUMA 4100LB:** This large-capacity CNC lathe features a 21-inch chuck and a maximum turning length of 85 inches.
- **Doosan PUMA 2600M:** A live-tool CNC lathe with a 10-inch chuck and a 3-inch bar capacity.
- **Doosan PUMA 2100:** A compact, high-speed CNC lathe tailored for precision components.
- **Doosan PUMA 700 (2 units):** Medium-capacity CNC lathes suitable for general and industrial parts.
- **Doosan PUMA 400 (2 units):** Small to medium CNC lathes designed for precision turning operations.

Vertical Turning

- **Bullard VTL:** A large-diameter vertical turret lathe ideal for heavy mold bases and industrial rings.
- **Giddings & Lewis VTL:** This heavy-duty vertical turret lathe accommodates large workpieces.

Manual / Conventional Turning

- **Monarch Manual Lathe (Short Bed):** A manual lathe used for small parts, prototyping, and repair work.
- **Monarch Model #80 Long Bed Lathe (20" x 192"):** A heavy-duty manual lathe designed for large or long workpieces.