



**CNC VERTICAL MACHINING CENTRES**

Make & Model	Travel, Maximum X, Y, Z	Table / Pallet Size Length	Width	Spindle RPM Maximum	Number of Tools Maximum	HP
Daewoo DMV-400	22" x 15.7" x 22.4"	25.6	17.7	10000	30	15
Daewoo DMV-650	49.9" x 25.6" x 22"	55.1	27.5	4000	30	20
Enshu VMC 650	63" x 25.6" x 22"	63	25.6	4000	30	20
Kia-Hyundai HI-V600D	31.5" x 23.6" x 23.6"	35.4	25.5	8000	24	18
Mori Seiki MV35/40	30" x 13.7" x 17.7"	43.3	13.8	6000	20	10

**CNC HORIZONTAL MACHINING CENTRES**

Make & Model	Travel, Maximum X, Y, Z	Table / Pallet Size Length	Width	Spindle RPM Maximum	Number of Tools Maximum	HP
Daewoo DMH 500	31.5" x 25.6" x 25.6"	19.7"	19.7"	6,000	60	25
Enshu 630H (A)	35.4" x 31.5" x 29.5"	24.8"	24.8"	6,000	60	20
Enshu 630H (B)	35.4" x 31.5" x 29.5"	24.8"	24.8"	6,000	60	20
Enshu JE80 (A)	31.5" x 31.5" x 31.5"	19.7"	19.7"	7,000	40	30
Enshu JE80 (B)	31.5" x 31.5" x 31.5"	19.7"	19.7"	7,000	40	30
Mitsui-Seiki HS6A	51.1" x 39.3" x 39.3"	39.4"	39.4"	4,500	60	30
Mori-Seiki HN-6300 DCHII	41.3" x 35.4" x 38.5"	24.8"	24.8"	15,000	100	35
Mori-Seiki HN-6300 DCHII	41.3" x 35.4" x 38.5"	24.8"	24.8"	15,000	100	35
Niigata HN80C	60.2" x 48" x 44.8"	31.5"	31.5"	4,500	40	30
OKK HM80S	39.3" x 33.4" x 32.2"	31.5"	31.5"	8,000	60	40
OKK HM80S	39.3" x 33.4" x 32.2"	31.5"	31.5"	8,000	60	40
Okuma MA-600H11	39.3" x 35.4" x 39.3"	24.8"	24.8"	6,000	40	40
Okuma MA-600H11	39.3" x 35.4" x 39.3"	24.8"	24.8"	6,000	60	40

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**CNC TURNING CENTRES**

Make & Model	Swing Diameter Over Bed	Turning Diameter Maximum	Turning Length Maximum	Spindle RPM Maximum	Number of Tools Maximum	HP
Hwacheon HI ECO 21HS BB (C)	22.00"	11.02"	15.75"	4,000	12	15
Hwacheon HI ECO 31A (B)	20.50"	15.00"	23.60"	3,200	10	25
Hwacheon HI ECO 31AA (A)	20.50"	15.00"	23.60"	3,200	10	25
Mori Seiki SL 25	20.47"	12.83"	20.86"	3,500	10	25
Mori Seiki SL 25M w/ Live Tooling	20.47"	12.83"	20.86"	3,500	10	25
Mori Seiki SL1A	15.00"	11.81"	12.00"	6,000	8	15
Mori Seiki SL7	35.83"	31.50"	51.00"	1,800	12	50
Okuma Howa ACT 20	24.00"	11.81"	18.11"	4,500	12	15
Puma 300C	22.40"	15.74"	24.80"	2,800	10	30
Takasawa TC3	20.00"	11.81"	20.07"	3,200	10	15
Takasawa TC4	23.62"	17.71"	40.15"	2,500	10	30
Takasawa TC4	19.70"	17.75"	80.00"	2,500	10	32
Topper TNL-100T	14.96"	11.81"	16.96"	3,000	12	20

**QUALITY CONTROL / QUALITY ASSURANCE**

**Equipped Inspection Laboratory Facilities**

**MITUTOYO** coordinate measuring machine:

- 40" x 28" x 24" measuring capability
- programmable automation

**SHEFFIELD ENDEAVOR** coordinate measuring machine:

- 60" x 36" x 26" measuring capability
- PC DMIS software
- programmable automation

**ROCKWELL HARDNESS TESTER** - HR-150A

**JONES and LAMBSON** profile projector with digital readout

**TOOLING / FIXTURE DEPARTMENT**

**TARNOW** engine lathe

**C.V.A. HOVE** engine lathe

**MILLTRONICS MB20G** CNC vertical machining centre

**PRVOMAJSKA** knee-and-column milling machine

**MISCELLANEOUS EQUIPMENT**

**HYDMECH H16** automatic horizontal band saw

**AVERY** 3 station automatic line drill press

**BOWES** radial arm drill press

**SUNNEN** 7MBS-1800 honing machine

**LINDE** 200 amp MIG welder

**LINCOLN ELECTRIC** 250 amp MIG welder