

EQUIPMENT & CAPABILITIES

GEAR CUTTING

Model	# of Hobbers	Travels
Koepfer K-200	1	7.8" x 12"
Barber Coleman 16-16	6	16" x 16"
Koepfer 173	2	6" x 12"

GRINDING (OD, ID & THREAD)

Model	# of Grinders	Travels
Jones & Shipman Suprema 650	1	13" x 25.59"
Mitsubishi RD-23	1	6" x 9"
Voumard ID Grinder	1	5" x 12"
Drake Thread Grinder	2	-

INSPECTION & TESTING

Model	# of Machines	Travels
ZEISS Contura G2	2	24"Y x 26"X x 28"Z
Smart Scope	1	-
Mitutoyo QM Height -600	1	Z 24"
Klingelberg P26	1	-
Brown & Sharpe Profile 50	1	-
Contracer	1	-
Mitutoyo Surftest SJ-500	1	-
Gleason Hypoid Tester	6	-

TURNING

Model	Max Turning Diameter	Max Turning Length	Bar Capacity	Live Tool Capability
Mori Seiki NL-2000Y	14"	20"	2.5" Diameter	✓
Mazak Quick Turn	11.5"	18.5"	2.75" Diameter	✓
Nakamura Tome TMC-15M	1.625"	10"	1.625" Diameter	-
Mazak SQRT-15M	11.8"	16"	2.0" Diameter	✓
Mori Seiki SL-35	16.5"	55"	3.15" Diameter	✓
Mori Seiki SL-35	16.5"	24"	3.15" Diameter	✓

HORIZONTAL MILLS

Model	Travel	Spindle	Special Info	Renishaw Probing
LeBlond Makino A55	22" x 22" x 22"	14,000 RPM	Full Fourth Axis	✓
Haas EC-400	24" x 20" x 20"	12,000 RPM	Full Fourth Axis	✓
Haas HS1RP	24" x 20" x 22"	7,500 RPM	Full Fourth Axis	✓
Mazak H-400 w/ 10 pallet pool system	22" x 18" x 20"	20,000 RPM	Full Fourth Axis	✓
Mazak H-500	31" x 31" x 31"	15,000 RPM	50 Taper	✓

VERTICAL MILLS

Model	# of Mills	Travels	Special Info
Haas Mini-Mill	1	16" x 12" x 10"	-
Haas VF 4	1	50" x 20" x 25"	-
Mighty Comet VMC-1500G	1	57" x 25" x 20"	-
Haas SS VF - 2SS	2	16" x 12" x 10"	w/ Robot
Chiron FZ12W	2	18" x 35" x 20"	w/ Robot
Haas VF-4	2	50" x 20" x 25"	w/ Pallet Changer
Haas VF3 SS	2	20" x 40" x 25"	w/ Robot

SWISS

Model	Axis	Maximum Bar Capacity	Pinch Turn
Tornos Bechler DECO 2000	3	1.0"	12" Part
Tsugami	6	1.2"	6" Part



SPIROID
HIGH TORQUE GEARING

SPIROIDGEARING.COM