

# Equipment & Facilities

## Machining Equipment

VERTICAL BORING MILLS	AXIS	TYPE	TABLE DIAMETER	SWING	UNDER RAIL	LIVE SPINDLE	ATC	WORKLOAD CAPACITY (LBS.)
Dörries	4-axis	CNC	16'5"	22'	13'	Yes	Yes	200,000
Dörries	4-axis	CNC	9'10"	13'	7'11"	Yes	Yes	80,000
Schiess	2-axis	CNC	16'5"	19'8"	12'7"	No	No	240,000
Skoda	Tracer	Manual	15'7"	17'2"	14'	No	N/A	100,000

HORIZONTAL BORING MILLS	AXIS	TYPE	TABLE SIZE	X & Y TRAVELS	ROTARY TABLE	SPINDLE DIAMETER	ATC	WORKLOAD CAPACITY (LBS.)
Scharmann	4-axis	CNC	98.4" x 118.1"	167" x 147"	Integral	6" w/12"sq. RAM	Yes/60	87,000
Giddings & Lewis (2)	4-axis	CNC	72" x 144"	168" x 144"	7' x 8'	6"	Yes/80	80,000
Giddings & Lewis (1)		Manual	Floor Type	204" x 108"	10' x 10'	7" w/UA support	N/A	N/A
Toshiba	4-axis	CNC	Floor Type	472" x 157"	10'6" x 13'11"	6.3" w/17"sq. RAM	Yes/60	130,000

MACHINING CENTER	AXIS	TYPE	TABLE SIZE	TRAVELS	TABLE	ATC
Okuma Howa	3-Axis	NC	21.65" x 55.1"	23" x 39"	Integral	Yes/20

PLANER MILL	TYPE	TABLE SIZE	RAIL HEADS	RIGHT ANGLE HEAD	PORTAL
Ingersoll	Manual	13'8" x 35'	(2) 125 HP	Yes	15'4" W x 14' H

In addition to heavy machining, we are also experienced in all phases of scraping. Our ability to mate metal surfaces by scraping enables us to obtain air-, oil- or steam-tighten joints without the use of gaskets or sealants. We currently scrape and assemble gas turbine and large steam turbine generator components for the power generation industry.

## Fabrication

CAPABILITY	DESCRIPTION	CAPACITY
MIG, TIG and Sub-Arc Welding		
Rotary Positioner	Ransome	18 -Ton

SERVICE
CAD/CAM
FPI
MPI
Alibre (3-D Modeling)
CIM Data
Hyper-Mill

## Facilities

PHYSICAL PLANT
72,000+ Square Foot Facility
50 -Ton Capacity Overhead Cranes

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