



TURNING EQUIPMENT

ID	ID	#	Machines
		2	HC Hardinge manual chuckers with accessories
		6	Hardinge handscrews model DS-59
F		1	KINEFAC MC-4 Kine-Roller
K	200	1	Mori Seiki SL-15 Lathe's, Fanuc 10T controls, 12 stations, 6000 RPM spindle, and tail stock
G	201	1	Mori Seiki SL-15 Lathe's, Fanuc OT controls, 12 stations, 6000 RPM, and tail stock
O	202	1	Mori Seiki SL-15 Lathe's, Fanuc OT controls, 12 stations, 6000 RPM, and tail stock
E	203	1	Mori Seiki SL-15 Lathe's, Fanuc 10T controls, 12 stations, 6000 RPM spindle, and tail stock
I	204	1	Mori Seiki SL-15 Lathe's, Fanuc 16T controls, 12 stations, 6000 RPM, and tail stock
Q	205	1	Mori Seiki SL-15 Lathe's, Fanuc 16T controls, 12 stations, 6000 RPM, and tail stock
U	206	1	Mori Seiki SL-15 Lathe's, Fanuc 16T controls, 12 stations, 6000 RPM, and tail stock
S	207	1	Mori Seiki SL-15 Lathe's, Fanuc 16T controls, 12 stations, 6000 RPM, and tail stock
J	208	1	Mori Seiki SL-15 Lathe's, Fanuc 10T controls, 12 stations, 6000 RPM spindle, and tail stock
RR	300	1	Mori Seiki NLX 2500SY, Live Tool Lathe, 6 axis with auto barfeed
SS	301	1	Mori Seiki NLX 2500SY, Live Tool Lathe, 6 axis with auto barfeed
NN	302	1	Mori Seiki NL 2500, Live Tool Lathe, 6 axis with auto barfeed
QQ	303	1	Mori Seiki NLX 2500SY, Live Tool Lathe, 6 axis with auto barfeed
XX	304	1	Mori Seiki NLX 2500/700, Live Tool Lathe, 6 axis with auto barfeed
JJ	305	1	Mori Seiki NLX 2500SY/700, Live Tool Lathe, 6 axis with auto barfeed
H	600	1	Hardinge CHNC II, Fanuc 10 TF controls, 8 stations, and 4500 RPM spindle .0001 resolution
D	601	1	Hardinge CHNC III SP, Fanuc 18T control, 8 stations, and 4500 RPM spindle .0001 resolution
C	602	1	Hardinge CHNC II, Fanuc 10 TF controls, 8 stations, and 4500 RPM spindle .0001 resolution
M	603	1	Hardinge CHNC I, Fanuc OT control, 8 stations, and 4500 RPM spindle
	1000	1	DMG MORI NTX 2000, Fanuc 35iB Control, 12000 RPM Milling spindle X,Y,Z,B Axis, Twin spindle 2.625 Mac, Bar feeder, Lower Turret 10 station holder, Live tooling feed, 72 tool capacity milling head, etc.

MILLING & DRILLING EQUIPMENT

ID	ID	#	Machines
		3	Bridgeport's mills Series 1 with digital readouts and accessories
		3	15" Drill presses
OO	100	1	Mori Seiki NV5000 Fanuc 31i Control 40x20x20 travel 14,000 RPM
P	102	1	Matsuura MC-510VF, Yasnac I-80 controls, 22x16x18 travel, and 8000 RPM spindle
PP	102	1	Mori Seiki NV5000 Fanuc 31i Control 40x20x20 travel 14,000 RPM

T	103	1	Matsuura MC-510VF, Yasnac I-80 controls, 22x16x18 travel, 8000 RPM spindle
II	104	1	Matsuura MC-510 VF, Yasnac I-80 controls, 22x16x18 travel, and 8000 RPM spindle
A	105	1	Mori Seiki Dura Vertical 5100, Fanuc Control, 41x21x21 travel, 12000 RPM spindle
HH	106	1	Matsuura MC-660
GG	107	1	Matsuura MC-660
R	108	1	Matsuura MC-800VF, Yasnac I-80 controls, 32x18x19 travel, 8000 RPM spindle, and high pressure coolant thru spindle
X	109	1	Matsuura MC-800VF, Yasnac I-80 controls, 32x18x19 travel, and 8000 RPM spindle
DD	110	1	Matsuura MC-800VG, Yasnac J-300 controls, and 10000 RPM spindle PSI high pressure coolant thru spindle
FF	111	1	Matsuura MC-800VF, Yasnac I-80 controls, 32x18x19 travel, 8000 RPM
BB	112	1	Matsuura MC-800VF, Yasnac I-80 controls, and 8000 RPM spindle
EE	113	1	Matsuura MC-800VG, Yasnac J-300 controls, 32x20x19 travel, 10000 RPM spindle, and 1000 PSI high pressure coolant thru spindle
AA	114	1	Matsuura MC-510 VF, Yasnac I-80 controls, 22x16x18 travel, and 8000 RPM spindle PSI high pressure coolant thru spindle
L	115	1	Matsuura MC-600V, Yasnac MX-3 controls, and 22x16x18 travel
	116	1	Mori Seiki Dura Vertical 5100, with 4 th Axis, Fanuc Control, 41x21x21 travel, 12000 RPM spindle
	117	1	Mori Seiki Dura Vertical 5100, Fanuc Control, 41x21x21 travel, 12000 RPM spindle
	118	1	Mori Seiki Dura Vertical 5100, Fanuc Control, 41x21x21 travel, 12000 RPM spindle
TT	400	1	Mori Seiki NHX 5000 (5 Axis)
Z	401	1	Mori Seiki NHX 5000 Mitsubishi Controls, 5 axis, 40hp high torque spindle
W	500	1	Matsuura MX-520 5-Axis Vertical machine, Fanuc 31i controls, 24.8x22.04x20.07 travel, 20,000 RPM spindle, high pressure coolant.
CC	700	1	Mori Seiki MV-65B, Yasnac I-80 controls, 60x27x26 travel, 6000 RPM spindle, and high pressure coolant thru spindle
Y	701	1	Mori Seiki MV-65B, Yasnac I-80 controls, 60x27x26 travel, 6000 RPM spindle, and highpressure coolant thru spindle
V	702	1	Mori Seiki MV-65A, Yasnac I-80 controls, 50x27x26 travel, 4500 RPM spindle, and high pressure coolant thru spindle
B	800	1	Matsuura MC-560V with 4th axis, Yasnac MX-3 controls, 22x16x18 travel, and 6000 RPM spindle
N	801	1	Matsuura MC-800V with 4th axis, Yasnac MX-3 controls, 32x19x19 travel, and 6000 RPM spindle

SWISS EQUIPMENT

ID	ID	#	Machines
WW	900	1	CITIZEN A32-2M7P
UU	901	1	CITIZEN L20X 9 Axis with auto barfeed
	902	1	CITIZEN L-12 with CITIZEN CAV12-LE-IS Bar Feeder
MM	903	1	Star SR20, Swiss, 7 axis with auto barfeed
LL	904	1	Tsugami SS20, Swiss, 8 axis with auto barfeed
	905	1	CITIZEN L-12 with CITIZEN CAV12-LE-IS Bar Feeder
	906	1	CITIZEN L-12 with CITIZEN CAV12-LE-IS Bar Feeder

MISCELLANEOUS EQUIPMENT

ID	#	Machines
	1	Behringer 313 Band Saw
		Grinders and Sanders
	1	Tumbler MFI Model HZ-40
	1	Raytech Centrifugal Magnetic Finisher Model CMF-1200
	2	Sandblaster TRIONCO Model 36/BP
	2	AUTOCRIB Robocrib VX500
	1	Clark PWX40 8000 lb. Battery powered pallet jack
	1	Toyota 6000 LB Fork lift with barrel attachment
	1	Aichi SV1930C Lift
	1	Universal Robot UR-3
	1	Pregis Intellipack Bagger (foam packer for shipping)
	1	Spanco Moveable Crane 250 lbs.
	2	Tennant Floor Burnisher
	1	Tennant Floor Sweeper 6100
	2	Floor Scrubber TENNANT 5280 and T5

BUILDING

ID	#	Machines
	1	77,000 square foot building
	1	75 HP screw compressor Atlas Copco Model GA55 VSD
	1	50 HP screw compressor Atlas Copco Model GA37 VSD
	1	50 HP screw compressor Atlas Copco Model GA 37
	1	20 HP screw compressor Atlas Copco Model GA 15VSD+
	1	Air dryer and Air filters Atlas Copco Model FD410 with Atlas Copco PD 120 filter
		Water filters on water supply and DI water
	2	10 HP vacuum pump system TRAVAINI model EVL100-M
	2	10 HP vacuum pump system Atlas Copco GV 150
	1	DESPATCH Annealing Oven MRC 5000 series
	1	LANDA Evaporator
	1	Cleanroom Clean Line 164-S
	1	Coffing Overhead Hoists 10,000 lbs. Serial # 47009
	1	Coffing Overhead Hoists 2,000 lbs. Serial # 46768

INSPECTION

ID	#	Machines
	1	HEXAGON METROLOGY OPTIV SCAN 442
	1	Mitutoyo B605B CMM with touch probe
	1	Brown and Sharpe Image 7107
	2	Deltronic Optical Comparator

	1	ST Industries 2450 Optical Comparator
	1	Keyence IM-6225
	1	Surfcom 120A Surface Roughness Analyzer
	3	Tool Makers Scopes
		Micrometers
		Granite surface plates & height masters
		Bore gages, Thread gages, Pin sets, Microscopes, and accessories
		Misc. Inspection Hand Tools
	2	Marposs
	2	Sunnen gage

EMPLOYEES

97 Employees (as of November 2016)

CERTIFICATION

ISO Certified 9001: 2008 (:2015 pending)

ISO Certified 13485: 2003

ISO 6/Class 1000 Cleanroom

ISO AS9100:2016 Pending