



- ENGINEERING
- TOOLING
- SURFACE PROFILE
- CONTINUOUS DRESS
- OPTICAL
- QUALITY
- CNC
- SURFACE CRUSH FORM
- CREEP FEED
- CYLINDRICAL

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FORM GRIND CORPORATION EQUIPMENT LIST

PRODUCTION EQUIPMENT

GRINDING MACHINES:

SUPERABRASIVE PROFILE GRINDERS:

2	EDGETEK SAM 5 AXIS TRUNNION 35HP	#27, #46
1	EDGETEK SAM 5 AXIS A OVER B, 35HP	#23
2	CAMPBELL 930-HV-30-24-24 35HP	#52, #53

SURFACE PROFILE GRINDERS:

1	MAEGERLE MFP 125.50	105 HP	#55
1	MAEGERLE MFP 125.50	105 HP	#25
1	MAEGERLE MFP 160.50	64HP	#21
2	MAEGERLE MFP 125.35	45HP	#20, #22
1	MAEGERLE MFP 125.35	30HP	#19
1	MAEGERLE FPA-12 -S4.2	26HP	#12
1	MAEGERLE FPA-12 -S4.2	19HP	#16
1	MAEGERLE FPA-12 -S2	19HP	#13
3	MAEGERLE FPA-10 -S2	19HP	#15, #18, #28
1	MAEGERLE FPA-S12	19HP	#14
1	MAEGERLE FPA-10 -S2	12HP	#10
1	MAEGERLE FPA-12 -S2	9HP	#8

SURFACE GRINDERS:

1	MAEGERLE F-10	8HP	#11
1	NICCO NGS-515A	2HP	#35

OPTICAL PROFILE GRINDERS:

2	OPTI-GRIND KO-160-03 MAGNIFICATION 10, 20 & 50X
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UNIVERSAL CYLINDRICAL GRINDER:

1	STUDER S-20-2 ID-OD	#36
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TOOL ROOM MACHINES:

LATHES:

1	17" CLAUSING MODEL #2951	#34
1	NARDINI MODEL #1640	#33

VERTICAL MILLING MACHINES:

2	MAZAK V-414/32	#43, #44
1	ACIERA, MODEL #23 ST/42 WITH DIGITAL X-Y DISPLAY	
1	BRIDGEPORT MODEL #65994	#30
1	COMET 2V	#31

DRILL PRESS:

1	POWERMATIC 1150A
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SAWS:

1	JOHNSON BAND SAW	¾ HP
1	ABRASIVE CHOP SAW	

SMALL TOOLS:

1	CHICAGO POWER TOOL CO.
12	BENCH GRINDERS WITH POLISHING WHEELS
1	DUMORE TOOL POST GRINDER

OTHER EQUIPMENT

2	DEBURRING TUMBLERS
1	CRESS HEAT TREAT FURNACE, MODEL NO. C1228CZ
1	BIG JOE LIFT TRUCK, MODEL NO. 1518A6
1	HYDRAULIC PALLET JACK
1	BARRON-BLAKESLEE MSR-280 ULTRASONIC CLEANING AND VAPOR DEGREASING
1	BURRCKING 960 BELT SANDER

INSPECTION EQUIPMENT

CMM:

1	BROWN & SHARPE GLOBAL IMAGE 575
1	PC-DMIS SOFTWARE

COMPARATORS:

1	OGP 30" SCREEN WITH 10, 20, 50 & 100x LENSES
1	WERTH WITH 10, 20, & 50X LENSES

SURFACES PLATES:

1	48 x 72 STANDRIDGE
4	24 x 36 STANDRIDGE
5	18 x 24 STANDRIDGE
5	12 x 18 STARRET
2	9 x 12 PRECISION

HEIGHT GAGES:

1	MITUTOYO, HEIGHT MASTER 0.00001" GRAD.
1	MITUTOYO, 0.0005" GRAD.
1	VERDICT, WITH DIAL INDICATOR

GAGE BLOCKS:

6	SETS
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GAGE PINS:

6	SETS
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SINE PLATES:

2	WITH MAGNET BASES
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DE-MAGNETIZER:

1	SET
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CHEM-ETCHER:

1	SET
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HARDNESS TESTER:

1	MISAWA SEIKI
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COUNTING SCALE:

1	SAUTER, ELECTRONIC
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MICROMETERS:

1	0-1" DIGITAL
2	0-1" INDICATING
1	0-1" BLADE
1	0-1" DISC
1	0-1" POINT
1	.093-1" 60 MIC
1	0-1" DEEP THROAT MIC
11	0-6", IN 1" INCREMENTS
1	SET 6-12", 6 PCS.

DEPTH MICROMETERS:

3	SETS
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INDICATORS:

15	0.0001" GRAD
2	0.0005" GRAD
1	0-0.1mm, 0.001mm GRAD
4	0-0.004", 0.00005" GRAD
1	0-1", 0.001" GRAD
2	0-0.4", 0.001" GRAD
1	0-1", 0.001" GRAD

NDT:

1	FLOURESCENT PENETRANT INSPECTION MIL-STD-6866; TYPE1, METHOD D, LEVEL 3 OR 4
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CAD/CAM EQUIPMENT

1	VIRTUAL GIBBS (CADCAM) SOFTWARE
1	SDRC CAMAX MULTAX 5 AXIS SOFTWARE
1	AUTOCAD
1	ANVIL 1000 (2D CAD) SOFTWARE
1	ROLAND DPX-3500 FLAT BED PLOTTER
2	SOLID EDGE (SOLID MODELING / DRAFTING) SOFTWARE
2	RHINO NURBS SURFACE MODELING SOFTWARE