



- ENGINEERING    ■ TOOLING    ■ SURFACE PROFILE    ■ HIGH SPEED    ■ OPTICAL
- QUALITY    ■ CNC    ■ SURFACE CRUSH FORM    ■ CREEP FEED    ■ CYLINDRICAL

MAKING QUALITY PARTS SINCE 1978

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## FORM GRIND CORPORATION EQUIPMENT LIST

### PRODUCTION EQUIPMENT

#### GRINDING MACHINES:

##### SUPERABRASIVE PROFILE GRINDERS:

1	BASARAN BHS 500 5 AXIS TRUNNION 40 HP	#26
2	EDGETEK SAM 5 AXIS TRUNNION 35 HP	#27, #46
1	EDGETEK SAM 5 AXIS A OVER B 35 HP	#23
2	CAMPBELL 930-HV-30-24-24 35HP	#52, #53

##### SURFACE PROFILE GRINDERS:

2	MAEGERLE MFP 125.50	105 HP	#25, #55
1	MAEGERLE MFP 160.50	64 HP	#21
2	MAEGERLE MFP 125.35	45 HP	#20, #22
1	BLOHM PROFIMAT MT	60 HP	#19
1	MAEGERLE FPA-12-S4.2	26 HP	#12
1	MAEGERLE FPA-12-S4.2	19 HP	#16
1	MAEGERLE FPA-12-S2	19 HP	#13
3	MAEGERLE FPA-10-S2	19 HP	#15, #18, #28
1	MAEGERLE FPA-S12	19 HP	#17
2	MAEGERLE FPA-10-S2	12 HP	#10, #11
1	MAEGERLE FPA-12-S2	8 HP	#14

##### SURFACE GRINDERS:

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

##### OPTICAL PROFILE GRINDERS:

2	OPTI-GRIND KO-160-03 MAGNIFICATION 10, 20 & 50X	#40, # 41
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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	CLEANING TECHNOLOGIES CTI-3523-P ULTRASONIC CLEANING AND VAPOR DEGREASING
1	SIC MARKING E83-C151ZA

### INSPECTION EQUIPMENT

#### CMM:

2	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	SOLID WORKS
1	Mastercam Mill 3D
1	Mastercam Curve 5ax / Drill 5ax
1	HP Design Jet T930 Printer