



Custom Metal Fabrication

Post Office Box 67  
Brownsburg IN 46112  
Fax 317 852-2738  
Phone 317 852-3163

Proprietary Information  
July, 2005  
4.1 Equipment List

C. F. Roark Welding & Engineering Co., Inc.

roarkfab.com

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## Major Equipment List

### BROACH

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1	4-24 COLONIAL VERTICAL
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### DRILLS

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3	CASER RADIALS
3	MULTISPINDLE PRODUCTION DRILL PRESSES
7	DRILL PRESSES

### FURNACES

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	HEAT TREAT AND BRAZE	
1	VFS HL66 VACUUM FURNACE	66 DIA X 96L
1	WESTINGHOUSE INDUCTION BRAZE	

### GRINDERS

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5	SURFACE GRINDER
1	INTERNAL GRINDER

### LATHES

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#### Standard

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1	TRACER LATHE	30 INCH SWING
2	TOOL ROOM LATHE	
3	PRODUCTION LATHE	
2	TURRET LATHE	

#### CNC

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1	CINCINNATI MILICRON 12C	12 INCH CHUCK
2	MONCARCH MEDALIST	10 INCH CHUCK
1	W&S 3SC	24 INCH CHUCK

#### Vertical Turret

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1	42 INCH VTL (KING, BULLARD)	
1	74 INCH VTL (KING)	80 INCH SWING
1	60 INCH VTL (TOSHIBA TUE15)	2 AXIS CNC
1	48 INCH VTL (MONARCH VLN12)	2 AXIS CNC



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Laser

1	WESTINGHOUSE 6000 LASER GANTRY 1.5 KW CO2, 5 AXIS	108 X 48 X 36
1	WESTINGHOUSE 6000 LASER GANTRY 400 W YAG, 5 AXIS	120 X 48 X 36

**MILLING MACHINES**

Standard

9	"BRIDGEPORT" MILLS	
1	HORIZONTAL BORING MILL 4 AXIS	49 X 49 X 59
1	P&W "2A" JIG BORE	

CNC

4	MONARCH VMC75 (VERT MACH CTR)	20 X 40 X 30
1	MONCRCH VMC150 (VERT MACH CTR)	20 X 50 X 30
1	TOSHIBA NX-76 (HORIZ MACH CTR)	30 X 30 X 30 (4 AXIS)
1	TOSHIBA BTD-200 QF (HORIZ MACH CTR)	40 X 40 X 40 (4 AXIS)

**PRESSES**

Brake

1	175 TON CINCINNATI	10 FOOT
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Punch

3	90 TON HORN PRESSES
3	125 TON OBI PRESSES
1	175 TON GAP PRESS

Hydraulic

3	100 TON HANNIFINS
1	500 TON TRIPLE ACTION HPM
1	GROTNES EXPANDER
1	175 TON CINCINNATI OB5
1	75 TON CINCINNATI OB5

**ROLLERS**

1	96 INCH WIDTH
2	37 INCH WIDTH

**SHEAR**

1	CINCINNATI	10 FOOT
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### SAWS

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3	GROB
2	DOALL

### PLANISHER

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1	JET LINE	6 FOOT
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### WELDERS

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#### Electron Beam

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1	SCIAKY EB/500 MA, 60 KV	VX.112 X 50 X 62
1	SCIAKY EB/250 MA, 60 KV	VX.112 X 50 X 62
1	SCIAKY EB/500 MA, 60 KV	VX.68 X 68 X 78
1	SCIAKY EB/500 MA, 60 KV AXIS CNC	VX138 X 107 X 108

#### Resistance

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7	SCIAKY SPOT WELDERS	60-400 KVA
4	SCIAKY SEAM WELDERS	125-250 KVA
1	KSM STUD WELDER	
1	FEDERAL TWEEZER WELDER	
1	PROJECTION WELDER	

#### Tig

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18	MILLER SYNCROWAVE	600/10 AMP
1	GE P60 ROBOTIC WELDER	6 AXIS
3	LINE WELDERS	UP TO 8 FOOT
1	OTC MIG WELDER	
1	JET LINE VC-60 INERT GAS CHAMBER	60 IN. DIAMETER

### INSPECTION

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#### CMM

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1	BROWN & SHARP XCEL	47X78X39
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### STANDARD

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#### Measuring Devices

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	MICROMETERS/HEIGHT GAGES GAGE BLOCKS/ETC.
1	X-RAY & RADIOGRAPHIC DEVELOPMENT
1	FPI CELL
2	HARDNESS TESTER
1	FEDERAL 15 INCH OPTICAL COMPARITOR