

Fabrication Shop Capabilities >>

achieving operational **EXCELLENCE**

EQUIPMENT LIST

Our 52,000 sq. ft. sheet metal fabrication shop in Seattle is equipped with the following:

- Brake: Cincinnati 65 ton press with interchangeable dies
- Roto-Die hydraulic sheet metal bending system
- Shear: Cincinnati 18 with a 1/4" mild steel capacity
- Plasma tables with square and round fittings (2)
- Automated rectangle duct coil line
- Spiral pipe machine 4" - 90" round
- Flat oval spiral pipe machine 8" - 24" minor sizes available
- MacFlange tooling
- Rolls: 5' with 1/4" mild steel capacity (2)
- Seam welder: Mig and Tig capabilities
- Iron worker: round, square and flat oval punches

CAPABILITIES

- Core competency in commercial and marine ductwork and fittings
- Speciality metals team for unique and challenging fabrication
- Floor space dedicated to stainless, square and round production
- Complete welding capabilities
- Two shifts running constantly
- Delivery of finished product

MANAGEMENT TEAM

Daryl Hood | DEPARTMENT MANAGER

Scott Haugen | PROJECT MANAGER

SHOP TEAM

Joey Barron, Curt Bushaw | SHOP FOREMEN

Bob House, Jon Spencer, Elvin Gladney, Don Bicknell | CUSTOM FABRICATORS

FIELD TEAM

Brett Kilekas, Mike Reichert | FIELD SUPERINTENDENTS



CONTACT

Scott Haugen

INDUSTRIAL METALS PROJECT MANAGER

scott.haugen@macmiller.com

206.768.4044



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 **MacDonal-Miller**
FACILITY SOLUTIONS

Round Spiral Sizes >>

ROUND SPIRAL (Available Sizes and Standard Gauges)						
Spiral Size	POSITIVE PRESSURE			NEGATIVE PRESSURE		
	2" WG	4" WG	10" WG	2" WG	4" WG	10" WG
4"	26	26	26	26	26	26
5"	26	26	26	26	26	26
6"	26	26	26	26	26	26
7"	26	26	26	26	26	26
8"	26	26	26	26	26	26
9"	26	26	26	26	26	26
10"	26	26	26	26	26	26
12"	26	26	26	26	24	24
14"	26	26	26	26	24	24
16"	26	26	26	26	24	22
18"	26	24	24	24	24	22
20"	26	24	24	24	22	22
22"	26	24	24	24	22	22
24"	26	24	24	22	22	20
26"	26	24	24	22	20	20
28"	24	24	24	22	20	18
30"	24	22	22	22	20	18
32"	24	22	22	20	20	18
34"	24	22	22	20	20	18
36"	24	22	22	20	20	18
38"	22	22	22	20	18	18
40"	22	20	20	20	18	18
42"	22	20	20	20	18	18
44"	22	20	20	20	18	18
46"	22	20	20	20	18	18
48"	22	20	20	20	18	18
50"	22	20	20	18	18	18
52"	20	18	18	18	18	18
54"	20	18	18	18	18	18
56"	20	18	18	18	18	18
58"	20	18	18	18	18	18
60"	20	18	18	18	18	18
72"	18	18	18	16	16	16



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Oval Spiral Sizes >>

OVAL SPIRAL (Available Sizes and Standard Gauges)									
SIZE	GAUGE	SIZE	GAUGE	SIZE	GAUGE	SIZE	GAUGE	SIZE	GAUGE
21 x 8	24	25 x 12	22	26 x 16	22	27 x 20	22	31 x 24	22
24 x 8	24	28 x 12	22	29 x 16	22	30 x 20	22	34 x 24	22
27 x 8	22	31 x 12	22	32 x 16	22	33 x 20	22	37 x 24	22
30 x 8	22	34 x 12	22	35 x 16	22	36 x 20	22	40 x 24	22
33 x 8	22	37 x 12	22	38 x 16	22	39 x 20	22	43 x 24	22
37 x 8	22	41 x 12	22	41 x 16	22	42 x 20	22	46 x 24	22
40 x 8	22	44 x 12	22	45 x 16	22	45 x 20	22	49 x 24	20
43 x 8	22	47 x 12	22	48 x 16	22	49 x 20	20	53 x 24	20
46 x 8	22	50 x 12	20	51 x 16	20	52 x 20	20	56 x 24	20
49 x 8	20	53 x 12	20	54 x 16	20	55 x 20	20	59 x 24	20
52 x 8	20	56 x 12	20	57 x 16	20	58 x 20	20	62 x 24	20
55 x 8	20	59 x 12	20	60 x 16	20	61 x 20	20	65 x 24	20
59 x 8	20	63 x 12	20	63 x 16	20	64 x 20	20	68 x 24	20
62 x 8	20	66 x 12	20	67 x 16	20	67 x 20	20	71 x 24	18
65 x 8	20	69 x 12	20	70 x 16	20	71 x 20	18	75 x 24	18
68 x 8	20	72 x 12	18	73 x 16	18	74 x 20	18	78 x 24	18
71 x 8	18	75 x 12	18	76 x 16	18	77 x 20	18	81 x 24	18
74 x 8	18	78 x 12	18	79 x 16	18	80 x 20	18		
77 x 8	18	81 x 12	18	82 x 16	18	83 x 20	18		
81 x 8	18	85 x 12	18	85 x 16	18	29 x 22	22		
84 x 8	18	88 x 12	18	28 x 18	22	32 x 22	22		
87 x 8	18	27 x 14	22	31 x 18	22	35 x 22	22		
90 x 8	18	30 x 14	22	34 x 18	22	38 x 22	22		
23 x 10	24	33 x 14	22	37 x 18	22	41 x 22	22		
26 x 10	22	36 x 14	22	40 x 18	22	44 x 22	22		
29 x 10	22	39 x 14	22	43 x 18	22	47 x 22	22		
32 x 10	22	43 x 14	22	47 x 18	22	51 x 22	20		
35 x 10	22	46 x 14	22	50 x 18	20	54 x 22	20		
39 x 10	22	49 x 14	20	53 x 18	20	57 x 22	20		
42 x 10	22	52 x 14	20	56 x 18	20	60 x 22	20		
45 x 10	22	55 x 14	20	59 x 18	20	63 x 22	20		
48 x 10	22	58 x 14	20	62 x 18	20	66 x 22	20		
51 x 10	20	61 x 14	20	65 x 18	20	69 x 22	20		
54 x 10	20	65 x 14	20	69 x 18	20	73 x 22	18		
57 x 10	20	68 x 14	20	72 x 18	18	76 x 22	18		
61 x 10	20	71 x 14	18	75 x 18	18	79 x 22	18		
64 x 10	20	74 x 14	18	78 x 18	18	82 x 22	18		
67 x 10	20	77 x 14	18	81 x 18	18				
70 x 10	20	80 x 14	18	84 x 18	18				
73 x 10	18	83 x 14	18						
76 x 10	18	87 x 14	18						
79 x 10	18								
83 x 10	18								
86 x 10	18								
89 x 10	18								



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