

# Operations

## Equipment Overview

- With over 70 spindles and multiple machines with redundant capabilities, Aero Pacific is able to ensure minimal risk to the customer while offering additional machine capacity as program rates accelerate.

### 6-Axis Machining Centers

Equipment Type	Spindles	RPM	X	Y	Z
SNK RB 200F 6 Axis Bridge Machining Center	1	6000	167	114	30
SNK RB 150 6 Axis Machining Center	1	10000	167	90	30
SNK RB 150F 6 Axis - To be installed Sep-2019	1	6000	127	94	23

### 5-Axis Machining Centers

Equipment Type	Spindles	RPM	X	Y	Z
Cincinnati Gantry 3 Spindle 100 HP - 40° Centers 5 Axis	3	7000	720	164	36
Cincinnati Gantry 3 Spindle 100 HP - 40° Centers 5 Axis	3	3600	720	164	25
Cincinnati Gantry 3 Spindle 100 HP - 40° Centers 5 Axis	3	3600	720	164	25
SNK 120V 5 Axis	1	4000	120	50	32
SNK 120V 5 Axis	1	4000	120	50	32
SNK 120V 5 Axis	1	4000	120	50	32
SNK 120V 5 Axis	1	4000	120	50	32
OPCK 5 Axis KCV 800	1	10000	120	32	32
Cincinnati 40 V 5 Axis	1	3600	120	40	26
Cincinnati 5 Axis 120V	1	3600	120	30	26
Cincinnati 5 Axis 80V	1	3600	80	30	26
Mitsui Seiki 5 Axis Horizontal	1	6000	30	25	25
Makino A100E 5 Axis Horizontal Machining Center	1	8000	67	55	53
Okuma 5 Axis Vertical Machining Center	1	4000	80	30	30

### Sheet Metal Equipment

Equipment Type	Axis	X	Y	Z
Flow Waterjet Dual Head 100 HP	3 Axis	144	72	10
Nissinbo HTP-1000 22 Ton Turret Punch Press	3 Axis	50	40	0.25
4 Post 100 Ton Hydroform Press (Rubber Box)	-	36	36	6
4 Post 30 Ton Aluminum Hot Form Press	-	12	18	6
1/2" Steel Straightening Tables 4 EA.	-	100	60	-
Hufford A7 Stretch Press 30 Ton - 220 Inches Long	-	-	200	-
Cincinnati A655 CNC Brake Press 10 ft. Long	-	-	-	-



SNK RB 150 6 Axis



3 Spindle, 5 Axis Cincinnati Gantry

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### Sheet Metal Equipment (Cont'd)

Equipment Type	
Verson 15 Ton Brake Press 4 ft. Long	Marchant 6A Pneumatic Shrinker Stretcher
Cincinnati 20 Ton CNC Brake Press 4 ft. Long	Baileigh MS5-14H Shrinker Stretcher
40 Ton Hydraulic Press	Birmingham Roller/Slip Roll 4 ft.
60 Ton Hydraulic Press	Dicardo Corner Notcher
Marchant 4M-A Pneumatic Shrinker Stretcher	

### 4-Axis Machining Centers

Equipment Type	Spindles	RPM	X	Y	Z
Mori Seiki MV 55 Vertical Machining Center	2	4500	50	25	24
Kao Mung 4 Axis Bridge Vertical Machining Center	1	6000	168	63	32
Makino A81 Horizontal Machining Center	1	8000	40	25	24
Yama Seiki Vertical Machining Center	1	8000	60	30	25
Okuma 4 Axis Horizontal Machining Center	1	6000	25	22	26
Hitachi Seiki Horizontal Machining Center	1	14000	26	26	24
Shirouki Verti Machining Center	1	3600	30	20	24
Fadal VMC 15XT	1	10000	30	15	24
FEMCO Vertical Machining Center	1	6000	60	30	24
Mori Seiki 4 Axis Horizontal MH30	1	6000	22	20	23
Mori Seiki 4 Axis Horizontal MH63	1	6000	39	31	30

### 3-Axis Machining Centers

Equipment Type	Spindles	RPM	X	Y	Z
Cincinnati Gantry 4 Spindle 100 HP - 30° Centers 3-Axis	4	3600	720	164	33
SNK Gantry 3 Spindle 60 HP - 30° Centers 3 Axis	3	10000	1080	100	36
Cincinnati Bridge 3 Spindle 100 HP - 30° Centers	3	3600	175	104	32
(6) Wolverine 3 Spindle 50 HP - 24° Centers	3	3600	120	48	26
RE 2M 3 Spindle - 3 Axis 24° Centers	3	3400	80	35	24
Mori Seiki MV80	2	4500	67	28	30



4 Spindle, 3 Axis Cincinnati Gantry



(6) 3 Spindle Wilson Wolverine Cell