

AEROSTRUCTURE DORVAL PLANT- MACHINE DESCRIPTION

MACHINES	TI	X TRAVEL (inch)	Y TRAVEL (inch)	Z TRAVEL (inch)	RPM MAX	A AXIS (degrees)	B AXIS (degrees)	C AXIS (degrees)	FEED MAX (inch/min)
LINE 3 spindles 60HP		720	104	48	6000	0	-95 +105	-200 +200	X,Y =600 Z = 400
LINE 2 spindles 50HP		295	78	30	4500	0	-95 +105	-200 +200	X,Y=600 Z =400
LINE 1 spindle 35HP		312	98	49	10000	0	-110 +110	-200 +200	X,Y=600 Z =600
CINCINNATI 3 spindles 70HP		756	124	28	7000	-30 +30	-30 +30	0	X,Y = 400 Z = 100
CINCINNATI 3 spindles 100HP		1200	120	28	10000	-30 +30	-30 +30	0	X,Y = 400 Z =150
CINCINNATI 1 spindle 100HP		1200	120	28	10000	-27 +27	-27 +27	0	X,Y = 400 Z =150
CINCINNATI Bridge mill 30HP	X	144	68	24	3600	-25 +25	-25 +25	0	400
CINCINNATI 20HP		120	30	24	3600	-25 +25	-25 +25	0	400
CINCINNATI 3 spindles 15 HP	X	144	60	28	3600	0	0	0	400
MAKINO MAG3 1 spindle 80HP		118	59	39	30000	-110 +110	0	continuous	1000
MAZAK 50A 2 tables 30HP	X	59	31.5	20	3500	0	0	0	800
MAZAK 50B 30HP		50	20.1	20	6000	0	0	0	800
KURAKI 20HP	X	78	59	57	1500	0	360	C = 0 W = 25	157
MATSUURA 2 tables 60 HP	X	50	21	20	8000	0	0	0	1200
CMM ZEISS 2 heads		252	108	96	N/A	N/A	N/A	N/A	N/A