


Specifications

		Centaurus-Orion-Pegasus series 140101			
Specifications are subject to change without notice		Machine series (4'x8', 5'x10', 5'x12')			
Configuration	(standard models)	Centaurus	Orion	Pegasus	
X-axis					
Delta servo motor hp x quantity		2hp x 2	1.34hp x 2	2.68hp x 2	
Coupling method		Belt	Gearbox	Gearbox	
Mechanical drive		Rack-Pinion	Rack-Pinion	Rack-Pinion	
Guide rails size : minimum ~ to capacity requirement		20 ~ 25mm	25 ~ 32mm	25 ~ 40mm	
Y-axis					
Delta servo motor hp x quantity		2hp x 1	1.34hp x 1	1.34hp x 1	
Coupling method		Belt	Belt	Belt	
Mechanical drive		Rack-Pinion	Ballscrew	Ballscrew	
Ballscrew size : minimum ~ to capacity requirement		NA	25 ~ 32mm	25 ~ 40mm	
Guide rails size : minimum ~ to capacity requirement		20 ~ 25mm	25 ~ 32mm	25 ~ 40mm	
Z-axis					
Delta servo motor hp x quantity		1hp x 1	1.34hp x 1	2hp x 1	
Coupling method		In-line	In-line	In-line	
Mechanical drive		Ballscrew	Ballscrew	Ballscrew	
Ballscrew size : minimum ~ to capacity requirement		20 ~ 25mm	25 ~ 32mm	25 ~ 40mm	
Guide rails size : minimum ~ to capacity requirement		20 ~ 25mm	25 ~ 32mm	25 ~ 40mm	
Field stroke					
Main spindle covers entire table top on X & Y-axis		✓	✓	✓	
Drill spindle covers entire table top on X & Y-axis		NA	✓	✓	
The Z-axis stroke - approx.		10"	12"	12"	
Max speed					
Inches per minute		1,575	2,165	2,165	
Dust collection port size / Min. Cfm					
One spindle head		5" / 3,000	5" / 3,000	5" / 3,000	
Two spindle heads		NA	8" / 3,000	8" / 3,000	
Air requirement - Dry Air only					
Psi / Cfm		90 / 16	90 / 16	90 / 16	
Power: 220VAC, 3-phase					
Standard spec with 12hp spindle, no vacuum pump		50Amp	50Amp	50Amp	
Shipping & Floor plan (approx. for reference only)					
Series	Table size '	Shipping "	Gross/Net Lbs.	Foot: LWH"	Floor: LxW"
Centaurus	4x8	135x80x80	3,500 / 3,000	129x78x78	165x102
	5x10	159x92x80	4,500 / 4,000	153x90x78	189x114
	5x12	183x92x80	5,000 / 4,500	177x90x78	213x110
Orion	4x8	148x78x90	6,000 / 5,500	125x72x95	172x112
	5x10	172x90x90	7,500 / 7,000	150x88x95	196x112
	5x12	184x90x90	8,000 / 7,500	175x88x95	208x112
Pegasus	4x8	150x78x95	7,000 / 6,500	125x72x115	155x96
	5x10	172x90x95	8,500 / 8,000	150x96x115	185x120
	5x12	185x90x95	9,000 / 8,500	175x96x115	210x120
Floor dimension includes 2 ~ 3 feet around the machine for safety clearance and maintenance access.					

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