



Centaurus-Orion-Pegasus series Technical Information

Machine Air, Power, Dust extraction

Standard single 12hp spindle machine

Requirement		Centaurus	Orion	Pegasus
Power	220V, 3-phase	✓	✓	✓
Amperage	50Amp	✓	✓	✓
Air (dry air only)	90Psi, 16Cfm	✓	✓	✓
Dust extraction	3,000Cfm min.	✓	✓	✓
Incoming flex hose	One 12hp spindle	5"	5"	5"
	Two 12hp spindle	NA	8"	8"

Vacuum pump

		10hp	15hp	20hp
Power	220V, 3-phase	✓	✓	✓
Amperage	Avg. 3amp/hp	30Amp	45Amp	60Amp

Power connection options

Option 1: Separate power for machine and vacuum pump

- 1) Incoming power to the machine's incoming terminals inside electrical cabinet
- 2) *Check/Disconnect jumpers from main incoming terminals to pump contactor!*
- 3 Incoming power to the pump contactor inside electrical cabinet
- 4 Then out of contactor directly to vacuum pump

Note:
Total Amp for machine and total Amp for pump according to size above.
 This option may cost more with dropping two separate lines, it is for customers that prefer to keep equipment power source separately.

Option 2: Single, in-line power for machine and vacuum pump

- 1) Power to the machine's incoming power terminals inside electrical cabinet
- 2) *Check/Connect "Jumpers" from main incoming terminals to pump contactor!*
- 3) Then connect pump to pump contactor inside the electrical cabinet

Note:
Total Amperage would be machine amp plus pump amp depending on hp above.
 This option may cost less as only a single 3-phase power line is required.
This option is valid for a max of 15hp pump, if larger then you must choose option 1.



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