

NEW Speed table for 500W DC PM Motor:			
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Pulley arrangement:						
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Config & No.	Motor	Idle - in	Idle - out	Machine	Machine rpm	Spindle with 12000rpm motor	NEW Ratios:
1	15	40	15	83	365	1095	Reduce voltage for spindle down to 460rpm
2	15	40	28	73	685	2055	
3 / K3	19	28	15	83	850	2550	
10	15	1	1	63	1100	3300	
8	19	1	1	73	1600	4800	
4 / K2	19	28	40	63	2600	7800	Reduce voltage for <6000rpm

Pulley arrangement: **With MOTOR SPEED reduced to 6500rpm to limit torque.**

Config & No.	Motor	Idler – in	Idler – out	Machine	Machine rpm	Spindle with 6500rpm motor	NEW Ratios:
1	15	40	15	83	365		593 Reduce voltage for spindle down to 460rpm
2	15	40	28	73	685		1113 Reduce voltage for Motor speed 6500rpm ~3500rpm
3 / K3	19	28	15	83	850		1381 Reduce voltage for Motor speed 6500rpm
10	15	1	1	63	1100		1788 Reduce voltage for Motor speed 6500rpm
8	19	1	1	73	1600		2600 Reduce voltage for Motor speed 6500rpm
4 / K2	19	28	40	63	2600		4225 Reduce voltage for Motor speed 6500rpm