

18 HP High Frequency Spindle



The 18 HP High Frequency Spindle is available for standard Z Axis mounting on the Model 40, 42, and 53 machines. This spindle cannot be mounted on a turret assembly.

The 18 HP High Frequency Spindle is a direct driven spindle with a speed range up to 20,000 RPM. The High Frequency Spindle is cooled with an electric fan for quieter running and contains ceramic bearings for longer life. The spindle motor is greased for life, for less maintenance. The 18 HP spindle provides the user with a heavy duty, precision spindle which provides high performance and reliability. The enlarged shaft and the precision bearings in conjunction with a reliable electrical design enable the motor to cope with stringent requirements and give it a good overload capability. It comes standard with HSK F63 tool holding system and is suited to heavy duty routing applications. It is driven by a solid state frequency converter which includes manual speed control.

The 18 HP spindle has a collet capacity of up to 3/4". Cutter bits used with this spindle should not exceed 3 1/8" in length and the cutting diameter should not exceed 3". All cutters used should be balanced up to 20,000 RPM.

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