

5: Spindle Motor Controls and Features

The spindle motor has an intermittent duty cycle - 100W S3-50 40min.

i.e. the motor can be run continuously at 100W for a maximum of 20 minutes in any 40 minute cycle. For the remainder of the cycle it must be allowed to cool before being used again.

If this duty cycle is likely to be exceeded, then it is highly recommended that a spare motor be purchased to alternate with the original motor.

A second motor also improves tool change times in that the tool change on one motor can be done in parallel with cutting on the other motor.

