# Ajustement des vitesses pendant la gravure

En fonction de votre logiciel de gravure ou de fraisage, les vitesses de gravure (mm/sec ou m/min) et de rotation (tpm) peuvent ou non être saisies. Si les fichiers CNC résultants ne contiennent pas de vitesses, le système utilisera les paramètres de vitesse qui ont été prédéfinis dans l'option de menu "Préférences" de la commande virtuelle, accessible en cliquant avec le bouton droit de la souris sur le bouton "?" dans la barre supérieure du logiciel. Si le travail de gravure contient des vitesses, elles remplaceront les valeurs de cette fenêtre de dialogue.

**Vitesse de broche (vitesse de rotation en tr/min)**

While engraving, it is possible to continuously adapt the rotary speed of the engraving spindle, between the minimum of 6000 rpm and the maximum of 20000 rpm. To lower the speed, click the  key. Each click will lower the speed with 100 RPM. To increase the speed, click the  key. Each click will increase the speed with 100 RPM. Lowering or increasing the rotational speed of the cutter can be done on the fly, while the machine continues to engrave.

**Feed (moving speed, displayed in mm per sec)**

While engraving, it is also possible to modify the feed on the fly. The feed is also limited between a minimum and a maximum speed, the minimum speed being 1% of the preprogrammed moving speed in the job, the maximum speed 150% of the preprogrammed moving speed in the job. It is not possible to increase the feed higher than 1.5 times the preprogrammed speed. The chosen percentage is applied to both the XY and the Z speeds.

To increase the feed, click the  key on your virtual keypad. To decrease the feed, click the  key on your virtual keypad.

**Example:**

If a job contains the following speeds: 50 mm/sec for XY moves and 25 mm/sec for Z moves, the following feed percentages will result in the following feeds:

| Setting | XY speed | Z speed |
|---|---|---|
| 1% | 0.5 mm/sec | 0.25 mm/sec |
| 20% | 10 mm/sec | 5 mm/sec |
| 50% | 25 mm/sec | 12.5 mm/sec |
| 100% | 50 mm/sec | 25 mm/sec |
| 150% | 75 mm/sec | 37.5 mm/sec |

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