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## Richtinstellingen Laser Verdi

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### Laser Verdi

Characteristics of the laser machine:

CO<sub>2</sub> source and power of max 15 Watt.

Cutting speed max 160 cm/sec.

Power: 80% - 100% (according to smoke residues)

Speed: 48 – 32 cm/sec.

Using these items you may develop more smoke residues.

For metal colours, with a higher top (0,4 mm), a 25 W laser is suggested.

Power: 75% (18 – 19 Watt)

Speed: 50 cm/sec.

To cut acrylic sheets, a 25 W laser and the following settings are suggested:

Power: 100 %

Speed: 3.5 cm/sec.

The laser cutting may cause the board to be a little bit sticky; a consequence which can be easily avoided by cleaning the sheets with denatured alcohol or using a sharp blade.

#### Tips & Tricks concerning REVERSE ENGRAVING

To varnish REVERSE ENGRAVING sheets acrylic water based varnishes are suggested. On the market there are several items suitable for this purpose, some also used for plastic model-making.

The varnish doesn't eat into the material and moreover can be easily removed with Isopropyl Alcohol.