

Laser settings

Recommended engraving and cutting parameters



We advise the following engraving and cutting parameters:

Thickness 0.8mm - .030"
products
 on a LS 100 30W:

Text engraving	
Power	30
Speed	90
DPI	500

Cutting	
Power	100
Speed	30

Thickness 1.3mm - .050"
products
 on a LS 100 30W:

Text engraving	
Power	30
Speed	90
DPI	500

Cutting	
Power	100
Speed	20

Thickness 1.6mm - 1/16"
products
 on a LS 100 EX 35W:

Text engraving	
Power	40
Speed	90
DPI	500

Cutting	
Power	100
Speed	25

Notes:

Cutting:

Use a clean shear to cut the material.
 Don't cut in packs.

Clamping:

The use of Gravogrip is highly recommended.

Other recommendations:

To reduce smokes and odours, use an exhaust device.
 For the best results on text engraving, we advise a minimum engraving height of 1.5mm.

*Data not contractual. This information may vary slightly depending on actual machine power.
 Can also be affected by the aging of the source and the quality and cleanliness of the optic lenses.*