Supplement to laser engraving device Rev.1.0

Technical data	
Type	Diode laser
Performance	Ca. 2,2 Watt
Wavelength	445nm
Service life	ca.10000-20000 hours
Line strength	ca.0,2mm (focused)

The ca.-descriptions result from the influence of the ambient temperature on the laser.

Suitable materials und rough guiding figures for the settings in WinPC-NC: *S(spindle speed)=performance*

*material	Feeds	performance
slate	25mm/sek.	S15000=100%
leather	30-50mm/sek.	S15000/30000=100/50%
Laserply (such as materials by Eckert)	50mm/sek.	S15000=100%
laser foil (such as materials by Eckert)	50mm/sek.	S15000=100%
trans-acrylic (such as materials by Eckert)	30mm/sek.	S15000=100%
cork	60mm/sek.	S15000/30000=100/50%
wood (depending on type)	20-40mm/sek.	S15000=100%
foamed rubber	20-30mm/sek.	S15000=100%
glass, ceramic, porcelain with paste MarkSolid LMM6044p	10-30mm/sek. variable depending on thickness of coat	S15000=100%
anodized aluminium with Solid 904	10-30mm/sek. variable depending on thickness of coat	S15000=100%

* The values described are based on our own experience