



DISCOVER
BRM
CO² METAL LASERS

TECHNICAL INFORMATION

BRM 90130-X

BRM 130250-X

BRM LASER MACHINES DESIGNED TO CREATE



With a BRM Laser-machine you are buying opportunities!

In these last few years we have worked hard on growing my father's passionately started business into a well-structured company focused on offering personalized approaches to everyone in need of a lasermachine. From large multinational firms to small-scale companies: Our mission from the start has been to show to everyone interested what great things can be created with our 'value for money' machinery. Day by day we are still getting replies by entrepreneurs who could turn their start-up into a successful business thanks to the opportunities our machines offered to them. New products get launched, companies and jobs are created and significant cost-savings realized. It's because of all these positive stories and all the countless new possibilities we encounter on a daily basis, that we can proudly say that we love what we do. We hope we'll get the chance to show you what possibilities we can create for you!

On behalf of the BRM team,

Co-owners

*Bram van Turnhout
& Eric Slotboom*



TECHNICAL INFORMATION

With a diverse choice of models suitable for every workplace and every size, capable of both production work and prototyping, you get the same top accuracy and flexibility across the entire BRM range.



Model	BRM 90130-X	BRM 130250-X
Size WxDxH	2160 x 1720 x 1430mm	1890 x 3460 x 1150mm
Work surface WxD	1300 x 900mm	1300 x 2500mm
Engravable surface (max speed) WxD	1050 x 900mm	1050 x 2500mm
Weight	400kg/650kg (with Z-table)	1200kg
Maximum speed	1000mm/s X-axis, 200mm/s Y-axis, 50mm/s Maximum recommended cutting speed*	
Maximum acceleration	4000mm/s ² X-as, 500mm/s ² Y-as	
Accuracy	0.1mm Cutting, 1000dpi Engraving**	
Laser power	150W	
O ² 99.5% purity	Needed for cutting steel.	
Electrical load	Average 7.5 liter/pm, maximum 13,8 liter/pm	
Maximum cutting capabilities (optimal power)	230VAC 50Hz 2.5KW (incl accessoires 3.4KW)	
Optimal powerload	20mm Acryl with a 100mm lens, 1.2mm steel with a 63,8mm lens	
Life expectancy at optimal power	12%-85%	
Climate	=>6000 hours	
Offline program storage	17-23°C, 50-60% humidity	
Possible connections	512MB	
	USB-cable, USB-stick, Ethernet	

- * = Depending on the required quality a lower speed is recommended to achieve this
- ** = Maximum machine accuracy, this can differenciate by material due to heat influences
- *** = Software functional on Windows 7, 8, 10. Not on Linux/OSX
- **** = Software can be used to send instructions to several machines from one single workstation
- ***** = Not possible to build in after the machine has been ordered

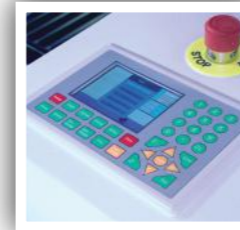
Optional extras	BRM 90130-X	BRM 130250-X
Height Adjustable table	possible, 230mm Z-table*****	Not possible
Optics	100mm/63.8mm	
Nozzle	1.5mm/2mm/3mm-nonmetal	
BOFA fume-extraction	AD 500 IQ or AD Oracle	AD 1500 IQ

Every machine is delivered to BRM standards and includes all the components needed to get the most from your machine: a waterchiller, airpump, non-filtering fume extraction, cables, software, a maintenance set, manual, and 2 lenses.

We will guide you! With every installation, you get complete training on operating and maintenance by a certified BRM mechanic. And if you really want to outperform the competition we can arrange professional application training with BRM certified instructors to gain the knowledge of all the different ways that you can profit from your BRM laser machine.



Autofocus head specially designed to follow both even and uneven metal surfaces for optimal cutting result.



The machine has an integrated offline control system***



Fully functional Cad-Cam software included****



Optional BOFA fume filtration systems for a safe breathing environment



**IMAGINE
A MACHINE CAPABLE
OF MAKING YOUR
IDEAS REALITY,
TURNING YOUR
THOUGHTS INTO
SOMETHING REAL!**



Processable materials are:

Metals:

	cutting	engraving
Precious metals en Copper, Nickel en Zinc		●
Iron	●	●
Alloys		●
Steel	●	●
Stainless steel	●	●
Aluminium		●

Various:

Felt and foam	●	●
Glass and mirrors		● / ●
Wood	●	●
Cardboard and hardboard	●	●
Ceramic and porcelain		● / ●
Cork	●	●
Leather	●	●
MDF	●	●
Multiplex	●	●
Natural stone, granite and marble		● / ●
Gaskets	●	
Paper	●	●
Textile	●	●
Trespa		●

Synthetics:

Acrylics, Plexiglass, PMMA	●	●
Polyester	●	
Polypropylene	●	●
Polysterene	●	
PVC and PVC-containing synthetics	●	●

And many more!

● = materials indicated in gray need Cermark spray to get a distinctive visible marking effect
● = contains toxics and cannot be processed with our machines



Visit our website for the entire list of processable materials and videos showing how many of these are processed by our lasermachines!
www.brmlasers.com



DISCOVER THE WORLD OF LASERMACHINES

Advice

With our extensive network of partners we are able to offer you fast, personal and accurate advice in terms of the suitability of our lasermachines for your application. Get in touch with us to be informed about our machinery, to have your materials tested or to make an appointment for a demonstration in one of our showrooms.

Warranty

We offer a full 2 year warranty on our machines based on thorough testing and quality control of all the parts used in assembly. From the motors to the safety-switches and lasertubes: Everything gets continuously reviewed on quality so that we can offer these extensive warranty conditions to our clients.

Support

All our technicians and partners get trained in-house so that throughout our entire team we can offer fast and optimal support. Whether it is by phone, by email or on-sight, it is essential for us to support our clients in a fast but competent way in every aspect related to our machines.

Ambachtsstraat 43
7102 DW Winterswijk (The Netherlands)
Tel. +31(0)544-350 320
info@brmlasers.com
www.brmlasers.com

BRMLASERS
brmlasers.com