



LASER WELDING

BY NOVOFLOW

HAND-HELD LASER WELDING MACHINE



Experience the speed and efficiency of hand-held laser welding.



advantages of laser welding

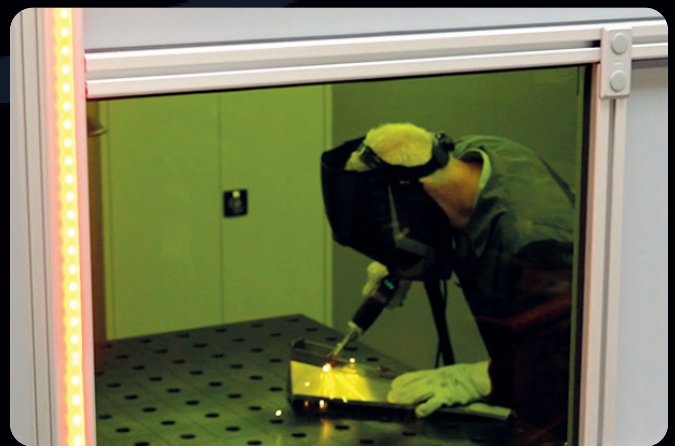
- fast welding
(up to 4x faster than e.g. TIG)
- clean, high-quality weld seam even in hard-to-reach areas
- simple operation thanks to touch display
- low heat input into the material
- low material distortion and reliable strength
- consistent welding performance thanks to water cooling and cooled welding gun
- can be easily automated for integration into production lines, increasing efficiency even more and further reducing production costs



Thanks to the technology of laser welding you will take your production to the next level of welding.

Thanks to the speed and simplicity of laser welding, your work will be done faster than ever!

We not only offer you laser welding machines, a wide range of laser accessories and safety equipment, but also the best service, support and training.

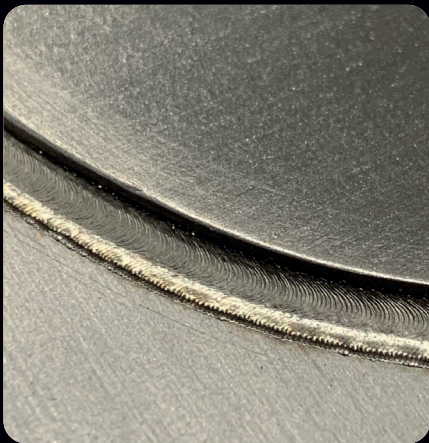


Compliance with laser safety is a top priority for us. We work closely with authorities and institutions to provide our customers with professional support in complying with the necessary standards and regulations.

Highest quality combined with maximum productivity!

air and water cooled laser welder

type	NF-LWA-K 1500	NF-LW3-K 1500	NF-LW3-K 2000	NF-LW3-K 3000
cooling system	air cooled	water cooled	water cooled	water cooled
laser power W	1500 W	1500 W	2000 W	3000 W
laser wavelength nm	1070 nm	1070 nm	1070 nm	1070 nm
laser frequency Hz	50 - 5000 Hz	50 - 5000 Hz	50 - 5000 Hz	50 - 5000 Hz
power setting %	10 - 100 %	10 - 100 %	10 - 100 %	10 - 100 %
steel penetration mm	3.5 mm	3.5 mm	4.2 mm	6.3 mm
stainless steel penetration mm	3.0 mm	3.0 mm	4.0 mm	6.0 mm
aluminium penetration mm	3.0 mm	3.0 mm	4.0 mm	6.0 mm
welding seam width mm	0 - 5 mm	0 - 5 mm	0 - 5 mm	0 - 5 mm
hose package	10 m	10 m	10 m	10 m
voltage / Hz	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz	380 V / 50 Hz
connected load kW	6 kW	7 kW	9 kW	14 kW
dimension cm (l x w x h)	68 x 32 x 55 cm	100 x 66 x 110 cm	100 x 66 x 110 cm	120 x 66 x 110 cm
weight kg	62 kg	170 kg	180 kg	228 kg



areas of application

- metal processing companies
- automotive industry
- bodywork processing
- maintenance repair
- construction and piping
- furniture and kitchen appliances
- aerospace, transport
- stainless steel
- steel
- aluminium
- copper and much more

Contact us now and benefit from our unbeatable advantages!



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