



LASER WELDING

BY NOVOFLOW

HAND-HELD LASER WELDING UNIT



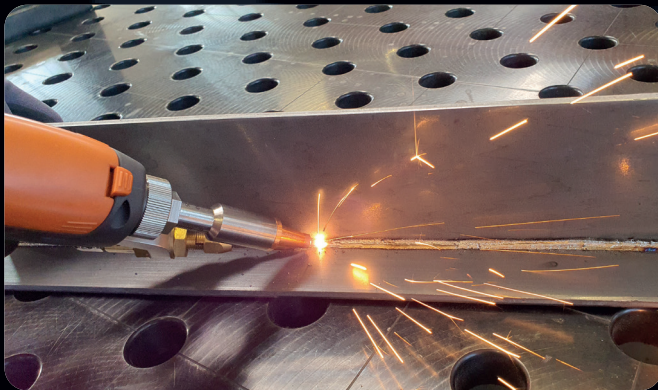
Experience the speed and efficiency of hand-guided laser welding.



advantages of laser welding

- low heat input into the material
- fast welding
- clean weld seam
- easy operation thanks to touchdisplay
- low material distortion
- constant welding performance thanks to water cooling and cooled welding gun
- multifunctional use:
welding, cutting, removing rust

application examples



With the technology of the laser welding you will raise your production to the to the next level of welding.

The speed and simplicity of welding will get the job done faster than ever!



Rust can be removed with the 3 in 1 laser device.

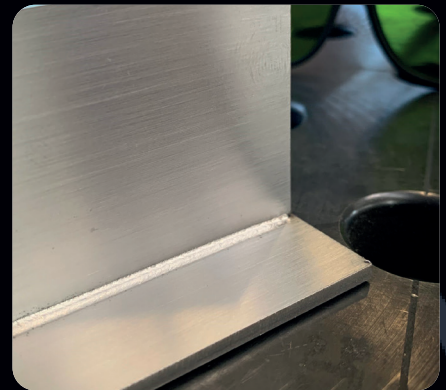
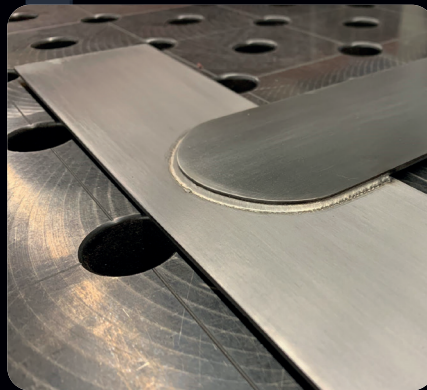
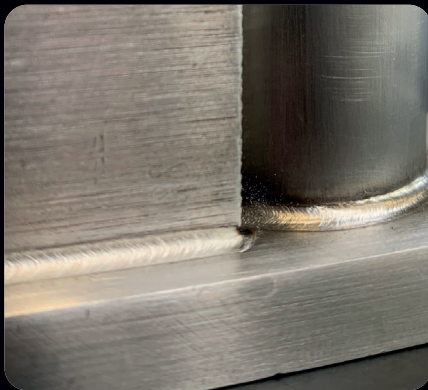
The surfaces under the rust can be treated directly, as no pre-treatment with chemicals or sand is necessary.

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*
laser power	1500 W	1500 W	2000 W	3000 W
laser wavelength	1070 nm	1070 nm	1070 nm	1070 nm
laser frequency	50 - 5000 Hz	50 - 5000 Hz	50 - 5000 Hz	50 - 5000 Hz
power setting	10 - 100 %	10 - 100 %	10 - 100 %	10 - 100 %
steel penetration	3,5 mm	3,5 mm	4,2 mm	6,3 mm
stainless steel penetration	3,0 mm	3,0 mm	4,0 mm	6,0 mm
aluminium penetration	3,0 mm	3,0 mm	4,0 mm	6,0 mm
welding seam width	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	6 kW	7 kW	8 kW	13 kW
dimension cm (L x W x H)	68 x 32 x 55	137 x 69 x 126	137 x 69 x 126	137 x 69 x 126
weight kg	62	153	160	177
cooling system	air cooled	water cooled	water cooled	water cooled

* 3 in 1 function: welding, cutting, derusting



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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