

ALO/ALO micro

Ergonomic and flexible

Nd:YAG-LASER POWER (WATT)
100 120



The system meets the high safety requirements of performance level d.

LASER (technical values see p. 58/59)

Display and operation **ALO 100, 120:** manual
 ALO 120 micro: PLC programmable via touch screen

WORKING CHAMBER

W x D x H 560 x 346 x 214 mm
 Max. workpiece height 104 mm
 Exhaust Integrated

EXTERNAL DIMENSIONS

W x D x H 600 x 954 x 1300 mm
 Weight approx. 145 kg

EXTERNAL CONNECTIONS

Electrical connection 200 - 240 V / 50 - 60 Hz / 16 A

OPTIONS

	ALO 100	ALO 120	ALO micro
Micro welding function	○	○	○
Working chamber with slots	—	—	●
LED deflection unit	○	○	●
Motor for rotary axis	○	○	●
Connection for cooling	○	○	○
Rotary axis manual	○	○	○
Rotary axis pneumatic	—	—	○
Micro manipulator	○	○	○

— Not available ○ Optional ● Standard



Find out more in our product video



The **ALO** is the ideal device for anyone who wants to weld long or bulky parts quickly, manually and flexibly. It offers an easy loading and working in the shielded laser safety area.

The work chamber can be loaded via various laser-safe openings: A large opening at the front offers easy access to the spacious working chamber. Lateral slots as well as a

passage at the bottom of the work chamber support when inserting long components. The armrest is extremely comfortable – relaxed work is therefore guaranteed. Due to the possibility of an external cooling connection, work can be carried out at high frequency over a long period of time.

The **ALO micro** also has a precision welding option, various optics, a special rotary axis with fine adjustment, a funnel for inserting tubes and other useful accessories help with precision welding