

# AL-T

## TABLES FOR AL SERIES LASERS

### AL-T BASIS

The AL-T Basis is used when a wide range of different workpieces has to be processed flexibly, but programmed welding is not required. The resonator holder can be rotated 360°, and the resonator slid longitudinally.

### AL-T 500

The AL-T 500 processing table is extremely stable and therefore outstanding for series production. Welding tasks can be performed by joystick, semi-automatically or automatically using WINLaserNC software.

### AL-T BASIS C

The workbench for our series AL-F fiber laser. The bench is offered with or without a work plate, as preferred. The workbench is controlled and operated through the laser's operating elements. The welding process can be performed by joystick, semi-automatically or automatically.

TECHNICAL DATA	AL-T BASIS	AL-T BASIS C for fiber systems	AL-T 500
<b>EXTERNAL DIMENSIONS</b>			
W x D x H in mm	950 x 1250 x 850	950 x 1250 x 850	1200 x 1360 x 1260
Weight	230 kg	230 kg	550 kg
Mounting plate (W x D) in mm	800 x 740	800 x 740	600 x 475
workpiece weight	(Height above ground: 830 mm) max. 100 kg	(Height above ground: 830 mm) max. 100 kg	(Height above ground: min/max 710/1030 mm) max. 400 kg
<b>WORK AREA</b>			
Machine axes	X, Y, Z, rotating axis optional.		
Movement speed (X, Y, Z)	max. 25 mm/s	max. 25 mm/s	max. 25 mm/s
Movement range (X, Y, Z)	400 x 210 x 300 mm	400 x 210 x 300 mm	490 x 400 x 350 (Z extendable to 500)
<b>EXTERNAL CONNECTIONS</b>			
Electrical connection	200-240 V / 50-60 Hz / 16 A or 3 x 400 V / 50-60 Hz / 3 x 16 A (depending on the laser)	Electrical feed through the laser system	3 x 400 V / 50-60 Hz / 3 x 16 A or 3 x 400 V / 50-60 Hz / 3 x 32 A (depending on the laser)
extraction	External	External	Integrated (H14 filter) or external
<b>OPERATION</b>			
	By joystick, multifunctional footswitch	By joystick, multifunctional footswitch, or the laser system's touch screen	By joystick, multifunctional footswitch, WINLa- serNC software
<b>OPTIONS</b>			
	Rotary axis module with chuck, tiltable, for horizontal to vertical rotation Magnetic workpiece holder for free positioning of workpieces Tilt joint for resonator - can be tilted 30° downward or 10° upward	Rotary axis module with chuck, tiltable, for horizontal to vertical rotation Magnetic workpiece holder for free positioning of workpieces Also supplied without work plate Bench also available without lifting column and plate	Rotary axis module with chuck, tiltable, for horizontal to vertical rotation Magnetic workpiece holder for free positioning of workpieces LAfet® - programmable laser wire feed system WINLaserNC software for automatic mode for producing serial parts Positioning accuracy +/- 0.05 mm Repeat accuracy +/- 0.01 mm



AL-T Basis



AL-T Basis C



AL-T 500