

TAUWELD A & G SERIES

Laser Welding

TauWeld A & G series is an automatic laser welder ideal for applications requiring high precision, such as the repair of small molds and mechanical components. The motorized three-axis table, controlled by joystick, allows for accurate welds even in difficult-to-access areas.

The machine features a fully open welding chamber suitable for bulky parts, and an integrated webcam displaying operations directly on the 7" LCD screen. Wi-Fi connectivity enables remote parameter setting, while USB and HDMI connections are available as optional extras.



PLUS



Open welding chamber

Motorized X-Y-Z table

Multifunctional joystick

CNC programming version with G-Code available on G-series

TECHNICAL DATA

MODEL	TAUWELD A & G SERIES
LASER SOURCE AND WAVELENGTH	Nd:Ce: YAG 1064 nm
LASER AVERAGE POWER	90 W
LASER PEAK POWER	10 kW
ENERGY	245 J
PULSE TIME	0,1 - 25 ms
PULSE FREQUENCY	0,5 - 40 Hz
SPOT DIAMETER	0,2 - 2,0 mm
SPOT SETTING	Motorized, 30 positions
WAVE PROGRAMS	7 Preset Pulse Shapes
STORAGE CAPACITY	100 Settings
XYZ AXES STROKE	110 x 88 x 195 mm
INTERNAL CHAMBER CONTROL	Joystick
EXTERNAL CONTROL	7" Color Touch Screen
TYPE	Floor standing
POWER SUPPLY	230 V AC, 50/60 Hz (110 on request) - 2,2 kW
ARGON NOZZLE	Yes
DIMENSIONS	784 x 671 x 139,2 mm
WEIGHT	120 kg