

DL 200

Laser Welding

Designed for industrial applications, the DL 200 is the perfect solution for those seeking precision in repairing large molds and laser welding large objects.

Equipped with 3 motorized movements (X-Y-Z) controlled by a joystick and 3 manual movements, it allows for the execution of specific welds in positions that are difficult to reach with other lasers on the market.



PLUS



Motorized laser on 3 axes

High-resolution in-line camera

Tilt and rotation on 2 axes of the welding arm

TECHNICAL DATA

LASER SOURCE AND WAVELENGTH	2xNd:Ce: YAG 1064 nm
LASER AVERAGE POWER	140 W
LASER PEAK POWER	10 kW
ENERGY	200 J
PULSE TIME	0,5 - 20 ms
PULSE FREQUENCY	0,5 - 30 Hz
SPOT DIAMETER	0,2 - 2,0 mm
SPOT SETTING	Motorized, 30 positions
WAVE PROGRAMS	6 Preset Pulse Shapes
STORAGE CAPACITY	100 Settings
POWER SUPPLY	230 V AC, 50/60 HZ (110 ON REQUEST) - 4,4 KW
XYZ AXES STROKE	X=50 CM / 19.7"; Y=40.5 CM / 15.9"; Z=60 CM / 23.6"
AXES PILOTING	JOYSTICK
TYPE	FLOOR STANDING

* MAY VARY DEPENDING ON THE LASER SOURCE INSTALLED