

Air Cooled Fibre Laser Welding System

The Boxford BLW1200A is a lightweight, highly mobile laser welding system, capable of producing industry standard, professional and durable welds, across a range of metals.

Using a fibre laser welder can vastly reduce weld times. It's ease of use also means it can be operated by personnel without necessarily having full traditional welding expertise.



Materials which can be fibre laser welded:

Up to 4mm
Mild Steel
Stainless Steel
Galvanised Steel
Aluminium



Boxford fibre laser welding packages include:

- One day training at Boxford facility
- 12 months parts and labour warranty (return to base, carriage paid - UK mainland only)
- Touch screen user interface
- Integrated air cooling system
- Automatic wire feeder
- Welding helmet with IR shield
- A selection of welding nozzles, tips and protective glasses
- 2x safety interlock input connectors and E-stop, to facilitate safe operation
- Part contact electrical interlock, to prevent laser firing if not in contact with part
- UK after sales and support

BLW1200A

Laser power source	1200w
Laser type	Fibre (1080nm)
Integrated laser cooling system	Air Cooled
Fibre Length	10-20m
Welding thickness (mm)	Up to 4mm Mild Steel, Stainless Steel, Galvanised & Aluminium
Type of cleaning head	Cleaning width: 0-80nm
Swing width	0-5mm
Machine weight	55kg
Dimensions (w x d x h mm)	275x580x680
Mounting	Floor standing
Safety	Class 4 Laser Device
Operating modes	Laser Welding / Cleaning / Cutting
Power requirements	220V 1ph @ 20A

Prices from (excl VAT) £9,995



Laser welding capabilities:

- Multi-material welding
- Equipped with a range of nozzles suitable for internal welding, external welding and flat welding
- Rust removal
- Surface resin, paint, oxide coating, oil, stain and dirt removal
- Entry level metal cutting

Industrial applications:

- Automotive
- Medical
- Aerospace
- Electronics
- Jewellery
- Tool and Die
- Enclosure manufacture
- Stainless steel sink and worktop manufacture