

# OXFORD traditional MIG Welding Machines



## MIGMAKER range 200A-300A output - 230V single phase only.

No nonsense machines designed for light to medium duty welding jobs, factory maintenance, farm welding jobs (301 recommended), gates & railings, estate workshops, vehicle repair, etc.

With a history dating back over 60 years British made Oxford welding machines are internationally renowned as one of the best in the industry. They are known for simple rugged build, high reliability with a very long life span & excellent welding performance. We take pride in making every machine by hand using the best components sourced in the UK wherever possible.

Welding performance is superb: Our CAP+ technology (smoothing capacitors & special choke design) ensures excellent arc starts & very smooth low spatter welding.

All models start at 20 amps to allow welding on the thinnest sheet panels such as modern car panels.

At the heart of every Oxford is a substantial copper wound transformer fitted with HD switch gear & an overrated rectifier. A high torque 70W drive motor & cast aluminium drive system guarantees consistent feeding of the welding wire hour after hour.

Electrically efficiency is excellent with standby power of just 25 watts & high main transformer efficiencies.



### Main Functions & features for all models.

- **MIG welding mild steel, stainless steel, aluminium, hardox etc.**
- **Reverse polarity - allows MIG/MAG welding with gas or without gas using flux cored wire.**
- **Synergic operation - wire speed automatically increases as you increase the output - simpler to set up.**
- **Oxford CAP+ technology ensures excellent weld starts & a very smooth stable weld.**
- **Good range of voltage steps starting from 20A.**
- **Heavy duty wire spool holder for 15kg or 5kg wire reels with mechanical brake to prevent overrun.**
- **Robust gas bottle carrier, holder & chain suitable for all sizes of bottle.**
- **All metal geared wire drive system ensures perfect wire feeding of all sizes & types of wire.**
- **Copper wound main transformer with overload protection for the longest life & highest efficiency.**
- **Electrically efficient design means less electric wasted & lower operating cost.**
- **Industry standard torch Euro connector with all brass construction.**
- **Simple robust PCB fitted to precisely control motor speed & all functions including burn back etc.**
- **Powder coated strong steel case & chassis fitted with quality wheels & castors.**
- **Generator friendly & runs without failure on unstable or poor mains input & long extension cables.**
- **IP23 protection, can be used outdoors with basic protection from bad weather.**

### Technical specifications – only available in 230V single phase.

Model	Voltage	Output amps range	Voltage steps	Duty cycle @ rated A	OCV no load voltage range	Rec fuse (D type)	MIG wire sizes	Weight approx
201	230V 1ph	20-200A max	8	170A@20%	16-36V	13/16A	0.6-0.8mm	49kg
251	230V 1ph	20-250A max	12	220A@25%	16-39V	16/25A	0.6-1.0mm	55kg
301	230V 1ph	20-300A max	16	270A@35%	16-41V	32A	0.6-1.0mm	65kg

Size for all models – Case size = 510Hx590Lx360W. When undercarriage with gas holder & wheels fitted = 620Hx850Lx490W (at rear wheels)

All models come with 3M mains input cable, gas hose & 3M welding earth.

Compliance with BS IEC60974-6, WEE/HD0071UZ.

### Options available at time of order.

Spot weld timer	Digital meter	Longer mains input cable	Extra functions on request.
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### Accessories available anytime.

MIG torches, 3M or 4M	Universal spool gun for superior aluminum welding	Wire drive rollers for any size
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Investing in an Oxford welder has been your guarantee of a quality product with the best back up.

Our long term back up is the best in the industry. 2 year warranty all items, 5 year main transformer warranty (the heart of the machine), 20 year minimum guarantee of spares availability.



BS IEC 60974-6

Further info at [www.oxfordwelders.co.uk](http://www.oxfordwelders.co.uk)

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