

# Oxford MIG Welding Machines

## MIGMAKER range 180 Amp to 330 Amp single & three phase models

With a history dating back over 50 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.

These British made Oxford MIG machines are of course built to the same standards using the highest quality components throughout. At the heart of every Oxford MIG is a substantial copper wound transformer fitted with robust rotary switches & an overrated rectifier to give unbeatable durability. All models are fitted with an industrial wire feed system & motor to guarantee virtually unstoppable feeding of all wires.

Welding performance is superb: Our CAP+ technology ensures excellent arc starts & very smooth almost spatter free welding: Models up to the 240-1 have a unbeatable 20 amps min current to help prevent burn through on thin metal such as automotive panels.

These machines are designed to be more electrically efficient than other brands with an unbeatable standby power of just 25 watts & main transformer efficiencies of over 90%.

### Single phase models

MIGMAKER 180-1 230V ideal for automotive, light fabrication & maintenance

MIGMAKER 200-1 230V ideal for automotive, light fabrication & maintenance

MIGMAKER 240-1 230V ideal for automotive, fabrication & light agricultural work

MIGMAKER 270-1 230V fabrication & maintenance, medium agricultural work

MIGMAKER 330-1 230V fab & maintenance medium to heavy agricultural welding

### Three phase models

MIGMAKER 270-3 400V fabrication & maintenance, medium agricultural work

MIGMAKER 330-3 400V fab & maintenance medium to heavy agricultural welding



- *British made product with a no compromise approach to design & build quality.*
- *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.*
- *Designed for MIG welding mild steel, stainless steel & aluminium.*
- *Oxford CAP+ technology ensures excellent weld starts & a very smooth stable weld.*
- *Good range of voltage steps on all machines with 20A min current on models for automotive work.*
- *Models 180-1, 200-1, 240-1 feature semi-synergic control so are very easy to set up & use.*
- *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.*
- *Robust PCB fitted to precisely control motor speed & all functions including burn back etc.*
- *Powder coated strong steel case with a substantial chassis fitted with quality wheels & castors.*
- *Built to comply with BS EN60974-1, BS EN50199, RoHS directive, & CE marked.*
- *Options for reverse polarity to use gasless wire, other options include spot timer & trigger latching.*
- *Front panel controls are protected from knocks by lid & side panel overhang.*

### Standard functions single phase models 180-1, 200-1, 240-1

Infinitely variable wire feed speed with semi-synergic control, built in motor brake & burn back.

**Options:** Reverse polarity function for running gasless wire, spot weld timer

### Standard functions single phase models 270-1, 330-1 & three phase models 270-3, 330-3

Infinitely variable wire speed control, built in electronic motor brake & burn back with internal adjustment

**Options:** Torch trigger latching, reverse polarity function for running gasless wire

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## Technical specifications Oxford MIGMAKER single phase models

Model	180-1	200-1	240-1	270-1	330-1
Supply voltage	230V	230V	230V	230V	230V
Welding range (amps)	20-180	20-200	20-240	30-270	30-330
Duty cycle - 35% @	110 amps	130 amps	180 amps	250 amps	330 amps
Duty cycle - 60% @	85 amps	100 amps	140 amps	190 amps	250 amps
Voltage steps	6	12	12	16	16
MIG wire range	0.6-0.8mm	0.6-1.0mm	0.6-1.2mm	0.8-1.2mm	0.8-1.2mm
Fuse rating slow blow	13A	13A/16A	16A	20/32A	32A
Size app (ex rear wheels)	350Wx720Lx570H	350Wx720Lx570H	350Wx720Lx580H	350Wx720Lx650H	350Wx720Lx650H
Weight approx	48kg	53kg	60kg	70kg	88kg

## Technical specifications Oxford MIGMAKER three phase models

Model	270-3	330-3
Supply voltage	400V	400V
Welding range (amps)	30-270	30-330
Duty cycle - 35% @	250 amps	330 amps
Duty cycle - 60% @	190 amps	250 amps
Voltage steps	16	20
MIG wire range	0.6-1.2mm	0.6-1.2mm
Fuse rating slow blow	16A	16A
Size app (ex rear wheels)	350Wx720Lx650H	350Wx720Lx650H
Weight approx	72kg	89kg

**All Oxford MIG machines come with a 3M mains input lead, 3M work lead, 1.5M gas hose**

**Every Oxford welding machine is offered with the following guarantees:**

2 year warranty all items

5 year main transformer warranty (the heart of the machine)

20 year minimum guarantee of spares availability

**Different specification models are also available just ask.**

***Investing in an Oxford welder is & always has been your guarantee of a quality product at a fair price & with the best back up.***

**All Oxford welding machines are sold & supported by selected knowledgeable welding distributors across the UK & Ireland.**

**OXFORD PLASMA & TIG models available soon**

**Website [www.oxfordwelders.co.uk](http://www.oxfordwelders.co.uk)**