



# Oxford I-MIG

## Industrial compact MIG range 330 - 470Amp 1 phase & 3 phase

The Oxford I-MIG range of compact MIG welders has been developed for industrial applications where the user requires the best welding performance, a high output with good duty cycle, strong wire feeding & an all-round general ruggedness.

Like all Oxford machines, these are manufactured here in Great Britain. With a history dating back over 50 years, Oxford welding machines are known around the world for simple rugged build, high reliability with a long life span and excellent welding performance. At the heart of every Oxford MIG power source is a substantial copper wound transformer fitted with robust rotary switches with metal shafts and an overrated rectifier to give unbeatable durability. The I-MIG range all come standard with a 4 roll all metal wire drive system for the very best wire feeding. All Oxford machines are designed to be very energy efficient, standby power is as low as 25 watts & efficiencies typically around 90%. This all means we can give you more welding output from your mains supply & keep your running costs as low as possible. The single phase models feature our CAP+ technology to give you superior welding performance, similar to that of three phase models. All models feature a good range of voltage steps so you can get the perfect setting for each job. Welding wire sizes are from 0.6mm-1.6mm depending on the model. These models can be used for welding on many different materials including mild steel, stainless steels & aluminium. The Oxford I-MIG range includes an option for a calibrated digital meter to display welding parameters, this is increasingly required in manufacturing environments, and the latest CE standards for fabrication require this as do many quality systems. We can also supply this in kit form for adding at a later date if required.



### Standard models and suggested application

#### Single phase 230V models

- I-MIG 330-1**, c/w 4 roll drive, medium duty fabrication, maintenance work, medium to heavy agricultural welding.
- I-MIG 360-1**, c/w 4 roll drive, as above model but with higher duty cycle & more amps!
- I-MIG 410-1**, c/w 4 roll drive, medium to heavy duty fabrication & repair work, the ultimate 230V compact MIG!

#### Three phase 400V models

- I-MIG 330-3**, c/w 4 roll drive, medium duty fabrication, maintenance work, medium to heavy agricultural welding.
- I-MIG 410-3**, c/w 4 roll drive, medium to heavy duty fabrication & repair work.
- I-MIG 470-3**, c/w 4 roll drive, heavy steel fabrication & repair.

- **British made with a no compromise approach to design & build quality.**
- **Powder coated strong steel case with a substantial 2.5mm thick chassis fitted with quality wheels & castors.**
- **Oxford CAP+ technology ensures excellent weld starts and a very smooth stable weld with minimal spatter.**
- **Robust gas bottle carrier & bracket with chain suitable for all sizes of bottle.**
- **Designed for MIG welding mild steel, stainless steel, aluminium etc.**
- **Good range of voltage steps on all models to get that perfect setting.**
- **All metal 4 roll wire drive system with 90 watt motor ensures strong 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 to precisely control motor speed & all functions & includes adjustable burn back.**
- **Built to comply with BS EN60974-1, BS EN50199, RoHS directive, CE marked & weee registered.**
- **The Oxford guarantee! 2 years warranty with 5 years on main transformer, 20 years minimum parts availability.**

PTO for full technical specification



# Oxford I-MIG

## Industrial compact MIG range 330 - 470Amp 1 phase & 3 phase

### Technical specifications Oxford I-MIG single phase 230V models

Model	330-1	360-1	410-1
Supply voltage	230V	230V	230V
Welding range (amps)	30-330	30-360A	40-410
Duty cycle 60% @	250A	300A	350A
Duty cycle 45% @	290A	360A	400A
Voltage steps	16	24	24
Fuse rating slow blow	32A	32/45A	32/45A
Size approx. all models (excludes width of rear wheels but includes length of bottle carrier)	W=360mm, H=660mm, L=820mm		
Total weight approx	82kg	94kg	105kg
Wire feed system	4 roll	4 roll	4 roll
MIG wire range	0.6-1.2mm	0.6-1.2mm	0.6mm-1.6mm
Work lead (earth)	3M	3M	3M
Mains input lead	3M rubber	3M rubber	3M rubber
Digital Amp/Voltmeter	Optional	Optional	Optional
Torch trigger latching	Optional	Optional	Optional

**Need something special such as longer cables or different function? Please ask.**

### Technical specifications Oxford I-MIG three phase models

Model	330-3	410-3	470-3
Supply voltage	400V	400V	400V
Welding range (amps)	30-330	40-410	40-470A
Duty cycle 60% @	250A	350A	410A
Duty cycle 45% @	290A	400A	470A
Voltage steps	20	30	30
Fuse rating slow blow	16A	20A	32A
Total weight approx	84kg	95kg	115kg
Size approx. all models (excludes width of rear wheels but includes length of bottle carrier)	W=360mm, H=660mm, L=820mm		
Wire feed system	4 roll	4 roll	4 roll
MIG wire range	0.6-1.2mm	0.6mm-1.6mm	0.6mm-1.6mm
Work lead (earth)	3M	3M	3M
Mains input lead	3M rubber	3M rubber	3M rubber
Digital Amp/Voltmeter	Optional	Optional	Optional
Torch trigger latching	Optional	Optional	Optional

**Need something special such as longer cables or different function? Please 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.**

***The unbeatable Oxford guarantee!***

***2 year warranty, with 5 years on main transformer, 20 years parts availability***

All Oxford welding machines are sold & supported by selected knowledgeable welding distributors across the UK and Ireland, export enquiries are welcome.

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