

PROF-MIG 200, 250 & 300A models – 230V single phase

Our market leading PROF-MIG range has been updated & improved further.

Main features – standard on all models

- Smoothing capacitors fitted in all models for best weld performance.
- All models weld down to 0.5mm metal (20amp min setting).
- Synergic control now standard for easy setting.
- Reverse polarity for gas or flux cored wires now standard.
- Tough steel case with galvanised chassis.
- Force fan cooled with higher airflow lower noise design.
- 8 or 12 volt steps for fine adjustment of power.
- Welds mild steel, stainless steel, Hardox, aluminium & alloys etc.
- Built in electronic burn back to finish every weld perfectly.
- 100% copper wound transformer with 5 year warranty.
- Very high efficiency = more weld power & lower running cost.
- Industry standard Euro torch connection.
- Wire size 0.6, 0.8 or 1.0 mm on 15kg or 5 kg spools.
- European wire drive system - feeds better than some 4 roll sets.
- Takes full size or smaller size gas cylinders.
- Higher duty cycle than most imported machines.



Specifications – standard models

Model	200	250	300
Amperage range	20-200A maximum	20-250A maximum	20-300A maximum
Voltage steps	8	12	12
OCV (no load volts)	17-36V	17-39V	17-42V
Input power	230V 16/20A (13A OK to 75% output)	230V, 20A (13/16A OK to 65% output)	230V 25/32A (16A OK to 65% output)
Duty cycle @ rated output	125A@20V@35%	180A@23V@35%	280A@28V@35%
Output weld smoothing devices.	Smoothing capacitors + reactive choke	Smoothing capacitors + reactive choke	Smoothing capacitors + reactive choke
Min generator*	3.5KVA	5KVA	6KVA
Weld wire range	0.6-0.8mm	0.6-1.0mm	0.6-1.2mm
Weight	51kg	58kg	68kg
Ideal applications	Automotive, light sheet fabrication, light box & tube work, maintenance welding.	Automotive, sheet fabrication, box & tube work, gates & railings, light farm repairs etc.	Automotive, general fabrication, heavier gates, trailers etc & up to medium farm welding.

*Min generator is for up to 75% output power, for full welding capacity increase generator size by 60-70%

Size all models approx. 600mm H x 740mm long x 330mm W (+ extra 65mm each side for rear wheels)

All models comply with BS EN60974-6, BS 60974-10, WEE/HD0071UZ, RoHS compliant, UKCA & CE compliant.

Standard supply - mains input cable, work lead, gas hose, undercarriage with wheels & casters & gas bottle holder.

Options & accessories

400V 3 phase supply version.	110V version of 200A model	Colour-yellow or red options
Digital meter kit to display A/V (factory fit or retrofit).	MIG torch & spool on gun torches	Different cable lengths.
Spot weld timer (factory fit or retrofit)	4 roll drive.	Anything else please ask!

Further reading

Our PROF-MIG range is 100% designed & manufactured in Great Britain, to the highest standards. This range has been in production for over 20 years with only small updates along the way. We have sold over 12,000 of these in this time. Simple rugged design & build means reliability & serviceability on these models is the best in the industry.

Ideal for all light to medium welding applications including automotive repair & fabrication, general maintenance & repair work, fabrication of sheet metal & tubular products, gates & railings, sculptures, etc. At the heart of each machine is a copper wound transformer with industrial switches. We fit a powerful European wire drive motor & other quality parts built into a strong steel case which is now even tougher & finished in a robust phosphate + epoxy power coated finish. As members of **Made in Britain** we comply with the requirement for a min 80% of the value chain from UK sources. Compare our PROF-MIG Universal range to imported machines & you will see why these are so popular.

All backed up with the best long term support in the industry, 2 year warranty all items, 5 years main transformer (heart of the machine & minimum 20 year guarantee of spares & service support.

Quality British made equipment, www.tecarc.com

We are proud members of;

