

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

## Main features – standard on all models

- Smoothing capacitors fitted in all models for best weld performance.
- All weld down to 0.5mm metal (20amp min setting).
- Synergically linked wire speed control for easy setting.
- Reverse polarity for gas or gassless welding.
- Built in spot welding function.
- Tough steel case with a galvanised chassis.
- Force fan cooled with low noise.
- 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.
- 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.
- All metal 2 roll wire drive system – unstoppable wire drive!
- Takes full size or smaller size gas cylinders.
- Higher duty cycle than most imported machines.

*Rugged & reliable.  
Built to last 25+ years*



## Specifications

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)
Ieff input current	13.5A	19A	31A
Rated output/duty cycle	170A@22V@20%	220@25V@25%	270A@27V@35%
Output weld smoothing devices.	Smoothing capacitors + reactive choke	Smoothing capacitors + reactive choke	Smoothing capacitors + reactive choke
Min generator*	3.5KVA	5KVA	6.5KVA
Weld wire dia recommended	0.6-0.8mm	0.6-1.0mm	0.6-1.0mm
Weight	45kg	50kg	58kg
Ideal applications	Automotive, light sheet fabrication, light box & tube work, maintenance welding.	Automotive, sheet fabrication, box & tube work, gates & railings, light farm repairs.	Automotive, general fabrication, heavier gates, trailers etc & up to medium farm welding jobs.

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

Size all models approx. 610mm H x 750mm long x 350mm W (+ extra 60mm 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

MIG torches – 3M, 4M & 5M available	Different cable lengths.	Spool on gun torches
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## 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.

At the heart of each machine is a copper wound transformer with industrial switches. We fit a powerful all metal wire drive system, this drives any wire size with ease, better than many 4 roll systems we have seen. Other quality parts include a genuine Scomes rectifier & Kendell capacitors, all built into a tough steel case with an 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](http://www.tecarc.com)

We are proud  
members of;

