



# 300-600 AMP industrial SWF MIG range

**Separate wire feed range with open spool or totally enclosed wire feed unit**

**A heavy duty range of MIG welding machines designed for all industrial welding applications.**

These machines are designed and manufactured in Great Britain using high quality components to industrial standards. This range of machines offer the user the very best welding performance with minimal spatter and a soft stable arc throughout the range. At the heart of every machine is a large copper wound transformer & other heavy duty components all constructed in a robust powder coated steel case, this ensures these are **probably the most solid & reliable range of SWF MIGs available, with thousands sold over the last few years.**

We guarantee these machines will have the lowest long term maintenance costs of any similar machine in the industry & we have the best long term back up with all parts available for a minimum of 20 years.

## Main features

- Good range of volt steps for very fine adjustment of power
- Super smooth welding characteristics through the range.
- 100% copper wound transformer with 5 year warranty.
- Very high duty cycle.
- High efficiency of over 90% to minimise electric usage.
- Easy setting infinitely variable wire speed control.
- Torch trigger latching fitted as standard.
- Adjustable electronic burn back.
- 2T / 4T trigger functions.
- Wire inch & gas purge functions.
- Industry standard euro torch connection.
- Can be used with all wire and spool sizes.
- The strongest steel case of any compact MIG in the industry.
- Large 250mm wheels & HD front casters
- Voltage switches have steel shafts not plastic like competitors
- Quality wire drive system and powerful motor.
- Robust ultra-reliable PCB in wire feeder.
- All models have an all metal wire drive system.
- 4x4 wire drive on all models 400A & above.
- Really rugged machines for industry.



## Options:

Water cooling for heavy production applications.

Interconnectors up to 30M long

Enclosed wire feeder as shown or open type

Digital volt & ammeters

Swivel kit so feeder sits on top of power source & turns.

Casters on wire feeder.

Upgrade to 4x4 drive on 300 & 350

F400G open super heavy duty feeder option for the heaviest applications

Spec 3 phase 400v models	300	350	400	450	500	600
Amps range	40-310	40-360	50-420	50-470	60-520	60-620
Volt steps	16	32	32	32	32	32
Duty cycle @60% (or 35% for B range)	300A	350A	400A	450A	500A	600A
Input fuse slow type	16A	16A	16/20A	32A	32A	32A
Welding wire size (mm)	0.6-1.2	0.6-1.2	0.6-1.6	0.6-1.6	0.6-2.4	0.6-3.2

**Single phase models available up to 500A**

The standard models shown above are 60% duty cycle, we also offer the 'B' range which is the same spec but with 35% duty cycle for less demanding applications, simply add B to the end of the model number.

All models comply with BS EN60974-1, BS EN50199, WEE/HD0071UZ

**We guarantee to fully support these machines with spares & service for a minimum of 20 years.**

**'Invest in the best' quality made British welding equipment**