

## Welder specifications

### PRIMARY OR INPUT POWER DATA

	MIG 85 NO GAS*	MIG 90 NO GAS*	MIG 100 NO GAS*	MIG 150 NO GAS**
Primary Volts	240 VOLTS	240 VOLTS	240 VOLTS	240 VOLTS
Primary Amps	8,5 AMPS	9 AMPS***	10 AMPS***	14 AMPS
Frequency	50 HZ	50 HZ	50 HZ	50 HZ

\* For North America 110V., 60 Hz

\*\* For North America 220V., 60 Hz

\*\*\* USA-20 AMPS

### SECONDARY OR OUTPUT POWER DATA

	26 Volts	26 Volts	28 Volts	30 Volts
Max. Sec. Volts	26 Volts	26 Volts	28 Volts	30 Volts
Max. Sec. Amps	85 Amps	90 Amps	100 Amps	140 Amps
Duty Cycle at 20%	65 Amps	70 Amps	90 Amps	120 Amps

## Duty Cycle

These welders are rated at a 20% duty cycle. This means for example, that when welding with the Mig 100EN at a current output of 90 amps over a period of 10 minutes, the total welding time is 2 minutes, and the rest time is 8 minutes.

## Wiring - (For United Kingdom only)

Connect the mains lead (Diagram 1, item A) to a suitable, fused 240 Volt, 1 phase electricity supply. **IMPORTANT:** the wires in the mains lead of your welder are colour coded as follows: Green, Yellow - Earth, Blue - Neutral, Brown - Live. As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured Green & Yellow must be connected to the terminal in the plug which is marked with the letter E or by the earth symbol  $\equiv$  or coloured Green or Green & Yellow.

The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black.

The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.

**WARNING:** This machine must be earthed/grounded.

## Wiring - (For North America Use only)

The wires in the mains lead of this machine are coloured in accordance with the following code:

	110 V.	220 V.
GREEN AND YELLOW	Ground	Neutral
BLUE	Neutral	Live
BROWN	Live	Live

