THE GYS MIG RANGE

MULTIWELD

POWER FOR THE WORKSHOP.

180-400A / MANUAL MIG & MMA

SUPPLIED BY R H DAVEY



MANUAL MIG FROM PORTABLE TO 400 A SYSTEMS

Manual inverter MIG/MAG and MMA welding across portable, wheeled and separate-feeder formats. Select single-phase, flexible-voltage or three-phase power to suit the work.

A FORMAT FOR THE JOB

Compact M-C units, wheeled workshop machines and G/GW separate-feeder systems.

FLEXIBLE VOLTAGE

FV 220M and FV 220M-C accept 110-230V single-phase supplies.

HIGHER OUTPUT

Three-phase models extend the family to 400A.

Tell us your material, thickness and power supply. We will help you choose the machine and package.

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MODEL COMPARISON

MIG OUTPUT AND SUPPLY

The C models suit work near the machine with a compact body. The 400T G and GW place the feeder closer to the work. At 100% duty the separate-feeder models are rated 40 A above the integrated 400T.

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MODEL	GYS ORDER CODE	SUPPLY / FUSE	RATED OUTPUT / DUTY	AT 60%	AT 100%
180M-C	078727	230V 1-phase / 16A	180A at 20%	110 A	90 A
FV 220M-C	065499	110-230V 1-phase / 32/16A	220A at 20%*	160 A*	120 A*
320T-C	079274	400V 3-phase / 16A	320A at 20%	200 A	160 A
200M	066595	230V 1-phase / 16A	200A at 15%	115 A	90 A
FV 220M	065482	110-230V 1-phase / 32/16A	220A at 30%*	160 A*	120 A*
250T	078635	400V 3-phase / 16A	250A at 30%	200 A	180 A
320T	079250	400V 3-phase / 16A	320A at 30%	240 A	200 A
400T	081031	400V 3-phase / 32A	400A at 35%	300 A	240 A
400T G	083974	400V 3-phase / 32A	400A at 35%	300 A	280 A
400T GW	091634	400V 3-phase / 32A	400A at 35%	300 A	280 A

GYS duty-cycle ratings at 40 °C to EN 60974-1. Compare sustained output for production work. *FV models: ratings marked with an asterisk are at 230 V. Check the 110 V figures in the GYS catalogue.

Spool and machine size

MODEL	SPOOL DIAMETER	MACHINE WEIGHT
180M-C	200/300mm	21.1kg
FV 220M-C	200/300mm	32kg
320T-C	200/300mm	46.2kg
200M	200/300mm	42.2kg
FV 220M	200/300mm	42kg
250T	200/300mm	48.1kg
320T	200/300mm	54.2kg
400T	200/300mm	74kg
400T G	Via WF20	55kg
400T GW	Via WF21	55kg

Weights depend on configuration. Use the GYS catalogue for the exact package weight.

GYS manufacturer reference

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OPTIONS & ORDERING

MULTIWELD PACKAGE SETUP

Use the GYS order code to specify the machine and match accessories to the exact configuration.

What to order

PACKAGE / OPTION	SELECTION AND CONTENTS
Compact 180M-C / FV 220M-C	GYS lists a 3 m MIG torch. Compare the available single-phase supply and the required output before choosing the FV version.
320T-C / 250T / 320T / 400T	The listed packages include a 4 m torch and work return. The compact 320T-C has a lower duty rating at peak than the wheeled 320T.
400T G	Air-cooled. Specify WF 20 feeder 083981 and cable 083998 (5 m) or 084001 (10 m).
400T GW	Liquid-cooled. Specify WF 21 feeder 092648 and cable 092921 (5 m) or 091641 (10 m). The 800 W cooler takes 5.5 L of coolant.
400T G packaged systems	088351 includes a 5 m connection cable. 088368 includes 10 m. Both include WF 20, 4 m torch 063792 and 4 m work return 047853.

Wire and controls

CHECK	MANUFACTURER DETAILS
Separate feeders	WF20 and WF21: 500A at 60%, 200/300mm spools; feeder weight 17kg.
Cooling	400T G is air-cooled; 400T GW adds an 800W cooler. *Weight shown is the catalogue power-source value, excluding feeder.
Supply	FV ratings depend on supply voltage. Specify the available supply when ordering.

GYS manufacturer reference







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