THE GYS MIG RANGE

COSMOS

INDUSTRIAL PULSE. SUSTAINED OUTPUT.

400-500A / SEPARATE-FEEDER SYSTEMS

SUPPLIED BY R H DAVEY



PULSED MIG FOR HIGH-DUTY PRODUCTION

Three-phase industrial multiprocess sources with pulsed MIG and separate wire feeders. Configure the source, feeder and cooling package around the production task.

SUSTAINED CURRENT

400 G: 400A at 100%. 500 G: 500A at 60%.

DIGITAL PROCESS ACCESS

Easy, Pro and Expert interface levels with job management.

SYSTEM CONFIGURATION

WF36 or WF51 feeder options, cooling and trolley packages.

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

Both models sustain 400 A at 100% duty. Specify 500 G for jobs that need 500 A at 60% duty. Both require a separate feeder.

Three-phase industrial multiprocess sources with pulsed MIG and separate wire feeders. Configure the source, feeder and cooling package around the production task.

MODEL	GYS ORDER CODE	SUPPLY / FUSE	RATED OUTPUT / DUTY	AT 60%	AT 100%
400 G	085589	400V 3-phase / 32A	400A at 100%	400 A	400 A
500 G	085596	400V 3-phase / 32A	500A at 60%	500 A	400 A

GYS duty-cycle ratings at 40 °C to EN 60974-1. Compare sustained output for production work.

Spool and machine size

MODEL	SPOOL DIAMETER	MACHINE WEIGHT
400 G	Via feeder	39kg
500 G	Via feeder	39kg

GYS manufacturer reference

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OPTIONS & ORDERING

COSMOS 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
WF 36 / 082502	50 W drive. 0.8–1.2mm solid and 0.9–1.6mm cored wire.
WF 51 / 085954	100 W drive. 0.8–1.6mm solid and 0.9–2.4mm cored wire.
Cooling and mounting	Koolweld 2 (075115), Koolweld 5 (032750) or trolley 075498 as required.
Interconnection	GYS lists 5 m air-cooled cable 075443 and 5 m liquid-cooled cable 075474. Confirm conductor size and cable length for the setup.
Feeder flowmeter	073395, 5–30 L/min for WF 36 or WF 51. Source codes are without accessories or trolley.

Wire and controls

CHECK	MANUFACTURER DETAILS
Feeder options	WF36 and WF51 separate wire feeders. Choose drive capability, wire range and torch arrangement to suit the application.
Process versatility	Pulsed MIG, standard and pulsed MMA, DC TIG options and gouging modes.
System options	Koolweld 2 or 5 cooling and industrial trolley options. Source weights exclude feeder, trolley and accessories.

GYS manufacturer reference







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