

**nifroment**  
**MAGNATE** ○ ● ● ● ● ● ●



tractor-driven generators

# every farming enterprise depends on power

A constant power supply is a critical component of every successful modern business. Farming and horticultural businesses are usually located in the countryside, where power failures both happen more often and can take longer to fix. So a reliable electrical supply is really essential to power all the equipment and systems:

- Dairy farming
- Intensive livestock and poultry
- Crop handling and storage
- Heating and ventilating
- Environmental controls
- Bulk tanks, cold stores and freezers
- Lighting
- Computers and domestic needs

The list is endless. But all these enterprises have one thing in common – they have a tractor!

## If you have a tractor, you have power!

The Magnate Tractor-driven Generator is your insurance against the risk of power failures. The Magnate is specifically designed and engineered to give you an immediate and reliable emergency power supply.

## When the power fails, Magnate keeps you in business

You can have a static package, permanently connected into the electrical installation, with a changeover switch. Or you can have a portable generator, 3-point linkage mounted, so you have power wherever the tractor can go! In either case maintenance is minimised. You are depending on the tractor engine, which is used every day. So you can be confident that it will start in an emergency, when you really need it.



## Built to last...

You can rely on your Magnate Tractor-driven Generator. It's continuously rated to work in a tough environment, for as long as you need it. In addition, it'll give a powerful surge of current to ensure that all your motors start smoothly.

It has a robust, quiet and cool-running gearbox that will last a lifetime with a minimum of maintenance. The gearbox converts the 540 or 1,000rpm from the tractor PTO to the 1,500rpm of the alternator.

This slow-speed alternator is the heart of your Magnate Generator. We don't offer high speed, lightweight 3,000rpm generators. They don't meet the standards of durability, reliability and long life that we think are essential in a farming environment. We always fit a circuit breaker to protect against overload or short circuit. Portable units also have sensitive earth leakage protection built-in to ensure safe operation, even when used outdoors.

## Additional protection with the Speedlite Plus!

All Magnate Generators have the Speedlite Plus! fitted as standard.

This makes it simple for you to set the tractor speed. The bright lamp, easy to see from the tractor cab, is lit steadily if all is OK. It flashes slowly, if the tractor PTO is running too slow, or quickly if it is running too fast.

The Speedlite Plus! also protects your sensitive electrical equipment. It will automatically disconnect the output of the generator if the voltage or the frequency goes outside safe limits for more than a few seconds.

## There's a whole range, built to high standards

We offer a complete range of Magnate Generators and ancillary equipment, in both single phase and three phase

versions. We have designed and built them all to industrial specifications and they comply fully with the latest International Standards covering electrical and safety requirements. Ask now for full details of the model to match your needs.



## We're here to help...

We are only a phone call away. For nearly 40 years we have been continuously developing and improving Magnate Generators. We have years of experience of supplying and installing PTO generators around the world.

We are an ISO9001 accredited company. So you can rely on us to maintain high standards of design, build quality, reliability and service support. And we are committed to keep on getting better! Our dedicated team is friendly, trained and qualified. Backed by our comprehensive dealer network, we will help select the capacity needed, advise on how to install it, and ensure you get the most out of your investment.

## Peace of mind

The Magnate tractor-driven generator will give you peace of mind, wherever you are. You can be certain that you and your livelihood are safe from the risk of power failures.

## static generator

## complete static package

## portable power pack



- Magnate tractor-driven generator
- Heavy-duty gear box.
- Safety accessory box.
- Circuit breaker.
- *Speedlite Plus!* with remote lamp.

Built to quality standards  
for reliability and long life



- Magnate tractor-driven generator
- Heavy-duty gear box.
- Safety accessory box.
- Circuit breaker.
- *Speedlite Plus!* with remote lamp.
- Heavy-duty long drive shaft.
- Galvanised mounting rails.
- Change over switch.



- Magnate tractor-driven generator
- Heavy-duty gear box.
- Saddle mounted control box.
- Main output earth leakage and overcurrent circuit breaker.
- Main output socket complete with plug.
- *Speedlite Plus!*
- Safety electrical interlock
- Heavy-duty drive shaft.
- Galvanised chassis for categories 1 or 2.

## options

Drive shafts • Galvanised mounting rails • Galvanised 3-point linkage chassis • Changeover switches • Single phase or three phase low power outlets for saddle mounted control box, with full safety protection • Remote Speedlite Plus! lamp • Speedlite Plus! for separate installation • Anti-condensation heater.



N J Froment & Co. Ltd. • Easton-on-the-Hill • STAMFORD • PE9 3NP • United Kingdom  
Telephone: +44 (0)1780 480033 • Facsimile: +44 (0)1780 480044  
Web: [www.froment.co.uk](http://www.froment.co.uk) • E-mail: [generators@froment.co.uk](mailto:generators@froment.co.uk)



BS EN ISO 9001:2000  
FM38927

Our policy of continuous improvement means we reserve the right to alter specifications as necessary.

Illustrations are for guidance only.