



www.FGWilson.com

power moving *forward*

225 – 375 KVA RANGE

Performance | Durability | Serviceability



Uninterrupted power is essential to everyday modern life, FG Wilson is here to be your power moving forward.

Our latest product range from 225 – 375 kVA offers practicality and functionality whilst continuing to provide quality and reliability. Whether you need prime or standby power you are ideally equipped with FG Wilson and our expert local support.

We have everything you need to be your...

...power moving *forward*



Powered by a Perkins engine providing world class **power density** coupled with an **industry leading** alternator the **225 – 375 kVA Range** can be relied upon to support your needs.

The range is available with both **fuel-optimised** and **EU11a compliance** offerings. A rugged galvanised enclosure provides **excellent protection** from the elements while **user friendly**, FG Wilson digital panels allow simple power control.

All this, backed by a **world class** Dealer network, our new range meets your essential criteria.





Open Set Range

This new range employs the power and efficiency you come to expect from the world-renowned Perkins engines. The 225 – 375 kVA Range is designed with fuel optimisation in mind for a wide range of industry sectors including data centres, healthcare and retail.



The 1500 Series Perkins engines provide reliable power suitable for a wide range of applications and markets. Combined with the Marelli & Leroy Somer alternators, providing Ingress Protection IP23 as standard, a trusted performance is guaranteed.



Cable access is gained directly underneath the control panel for ease of installation with the control panel tower providing full access to all components and wiring.



Designed for 8 hours running at full load in prime applications, the compact base frame provides drag and lifting points as standard, aiding transportation and installation.



Servicing and maintenance is fast and efficient with easily accessible components. Oil and coolant drains provide convenient service accessibility while the fuel fill and gauge are positioned together for easy fill and monitoring.



The base frame provides a solid foundation within a compact footprint. Constructed from high-grade, heavy-duty steel and further protected by powder coat paint, ensuring durability and maximum corrosion resistance.



The robust steel enclosure structure is protected by advanced powder coat paint and can be further protected with a galvanised steel option if desired*. Additionally, safeguarding against handling damage has been achieved thanks to the base frame extending beyond the enclosure and also by the blue high-grade composite corner posts†. Installation and servicing is quick and easy with removable side hinged doors and lift-off end panels providing optimal access, complemented by easily accessible fuel transfer connection points.

* Galvanised standard on CAEU.

† Only available on CAEU enclosures.

Enclosed Set Range

The enclosures ensure a high quality generator set with sound attenuation and protection suitable for a diverse range of applications. The strong, clean design of the enclosure is available in either mild or galvanised steel, allowing you to customise the range to suit your needs.



Side hinged doors, on each side of the enclosure, provide ample access to all necessary components during installation and servicing. Lift-off hinges enable the doors to be removed at an angle of 90°, facilitating easy servicing in confined installation spaces.



Robust, lockable latches ensure a flush (secure) door seal with the enclosure frame helping to protect your investment against vandalism and theft.

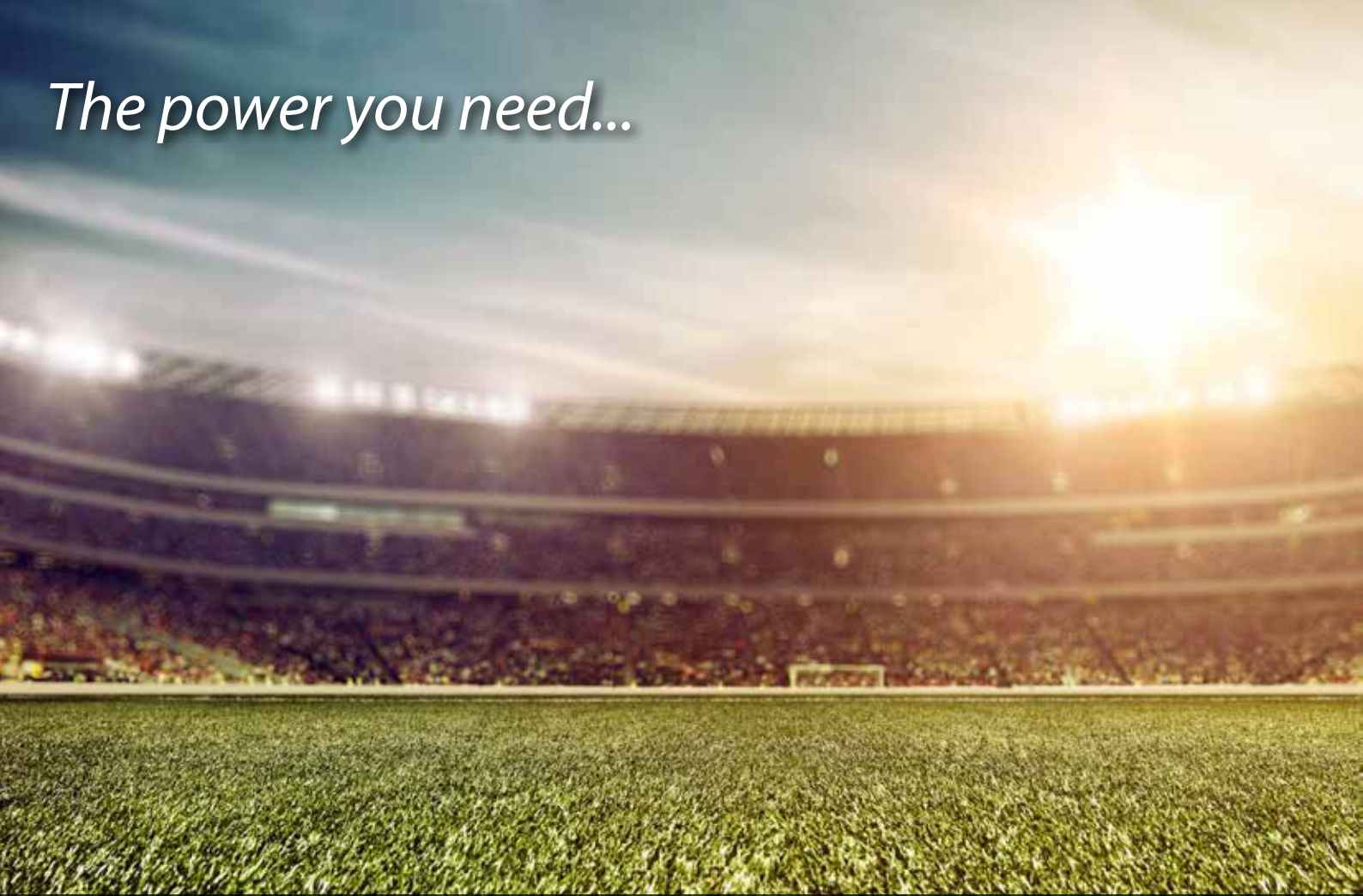


Generator set running conditions can be easily monitored via the large viewing window with an additional emergency stop button conveniently located beside the control panel on the outside of the enclosure. Cable access is gained directly underneath the control panel via the end of the base frame.



Unique modular air handling units, manufactured from a high-grade composite material, optimum corrosion resistance whilst contributing to a reduction in noise output.

The power you need...



...for Events



...for Datacentres



...for Retail



...for Healthcare

PowerWizard 1.1+ / 2.1

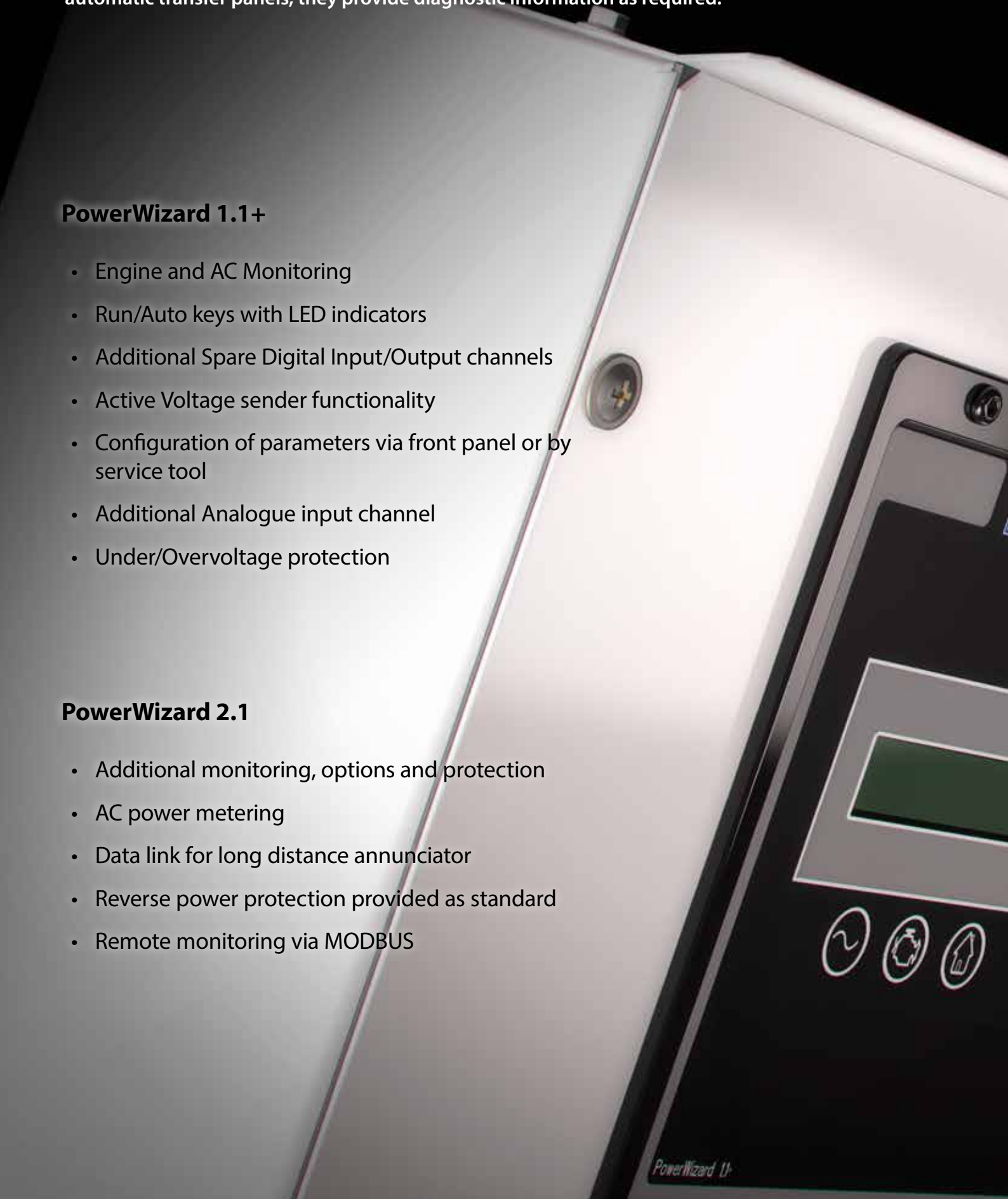
The PowerWizard digital control panels combine straightforward menu navigation with advanced metering and protection technology. They allow easy generator set monitoring and control with an enhanced range of features and options. Suitable for use in mains failure applications in conjunction with automatic transfer panels, they provide diagnostic information as required.

PowerWizard 1.1+

- Engine and AC Monitoring
- Run/Auto keys with LED indicators
- Additional Spare Digital Input/Output channels
- Active Voltage sender functionality
- Configuration of parameters via front panel or by service tool
- Additional Analogue input channel
- Under/Overvoltage protection

PowerWizard 2.1

- Additional monitoring, options and protection
- AC power metering
- Data link for long distance annunciator
- Reverse power protection provided as standard
- Remote monitoring via MODBUS





Technical Data

225 – 375 kVA Range

225 – 375 KVA MODELS

Model	Engine	Alternator	50 Hz				60 Hz			
			Prime		Standby		Prime		Standby	
			kVA	kW	kVA	kW	kVA	kW	kVA	kW
P249-3	1506A-E88TAG2	MJB 250 LA4	-	-	-	-	225	180	250	200
P250-3	1506A-E88TAG2	MJB 250 LB4	230	184	250	200	-	-	-	-
P275-3	1506A-E88TAG3	MJB 250 LB4	250	200	275	220	-	-	-	-
P300-2*	1506D-E88TAG4	LL5014J	275	220	300	240	-	-	-	-
P300-3	1506A-E88TAG4	LL5014J	275	220	300	240	-	-	-	-
P313-3	1506A-E88TAG3	MJB 250 LB4	-	-	-	-	281.3	225	312.5	250
P330-3	1506A-E88TAG5	LL5014L	300	240	330	264	-	-	-	-
P344-3	1506A-E88TAG4	LL5014J	-	-	-	-	312.5	250	343.8	275
P375-2*	1506D-E88TAG4	LL5014J	-	-	-	-	337.5	270	375	300
P375-3	1506A-E88TAG5	LL5014J	-	-	-	-	337.5	270	375	300

*EU11a

Ratings are based on maximum generator set output – this may vary depending on voltage code selected.

DIMENSIONS

Open Set

Model	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
P249-3	2662	1030	1754	2044
P250-3	2662	1030	1754	2084
P275-3	2662	1030	1754	2084
P300-2	3300	1100	1771	2426
P300-3	3300	1100	1771	2546
P313-3	2662	1030	1754	2084
P330-3	3300	1100	1771	2546
P344-3	3300	1100	1771	2546
P375-2	3300	1100	1771	2426
P375-3	3300	1100	1771	2546

*EU11a

Technical Data

225 – 375 kVA Range

DIMENSIONS								
Model	CAL / CALG				Enclosed Set CAE			
	Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
P249-3	3988	1208	1867	2407	-	-	-	-
P250-3	3988	1208	1867	2447	-	-	-	-
P275-3	3988	1208	1867	2447	-	-	-	-
P300-3	-	-	-	-	3985	1410	2165	3276
P313-3	3988	1208	1867	2447	-	-	-	-
P330-3	-	-	-	-	3985	1410	2165	3396
P344-3	-	-	-	-	3985	1410	2165	3276
P375-3	-	-	-	-	3985	1410	2165	3276

DIMENSIONS				
Model	Enclosed Set CAEU			
	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
P300-2*	4300	1410	2165	3404
P300-3	4300	1410	2165	3404
P330-3	4300	1410	2165	3556
P344-3	4300	1410	2165	3404
P375-2*	4300	1410	2165	3404
P375-3	4300	1410	2165	3404

*EUIIIa

Standard Features

225 – 375 kVA Range

STANDARD FEATURES

Electronic governor

Engine-mounted battery charging alternator

Engine mounted fuel and water separator*

Low oil pressure protection

High water temperature protection

Air filter

Alternator with IP23 protection

Coastal insulation protection and RFI filter (Marelli alternator)

Automatic voltage regulator

Robust steel constructed base frame

8 hr fuel tank base

Base frame lifting points

Lube oil and coolant drains

Customer connection fuel sockets

PowerWizard 1.1+ control panel

3-POLE circuit breaker and power loom

Exhaust stub pipe and gasket

Radiator fan and charging alternator guards

50% antifreeze (protection to -36°C)

Battery connection cables, tray and clamp

Sloped top plate for fluid run off*

*Model Dependent

Optional Features

225 – 375 kVA Range

OPTIONAL FEATURES

Sound attenuated CAL / CALG enclosure (No CE)

Sound attenuated CAE (No CE)

Sound attenuated CAEU

CE Certification (open set)

Lead acid dry battery

Static battery charger for lead acid battery

Industrial silencer (10 dBA reduction)

Residential silencer (25 dBA reduction)

Coolant heater

Fuel level switch, alarm and shutdown

Leroy Somer alternator*

Coastal insulation protection

Automatic transfer switches

Anti-condensation heater and panel circuitry

Neutral earth link

Earth leakage

Overload via alarm switch on breaker

Three phase sensing

4-POLE circuit breaker

Toolkit

Skid base

EUIIIa Compliance

*Model Dependent

If you have any specific requirements not detailed above please contact your local Dealer to discuss your customisable options.

ONE Global Standard

FG Wilson has built its reputation on providing you with reliable, fuel-efficient diesel and gas generator sets.

Our ONE Global Quality Standard ensures that every FG Wilson generator set is designed and manufactured to the highest UK standards. With world-class production processes replicated at all our manufacturing facilities, each achieving ISO 9001 and ISO 14001 certification, we deliver a quality product every time.

With worldwide logistics that span the globe, and a distribution network of 370 Dealers in over 150 countries, we provide reliable power and ongoing support when and where you need it.



Production line, China.

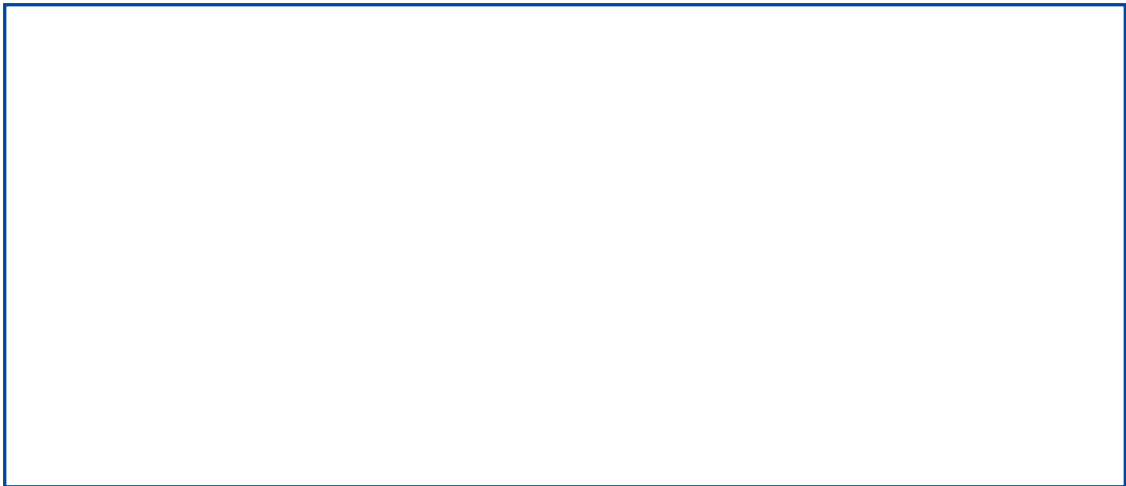


Engineering Centre of Excellence, Northern Ireland.





www.FGWilson.com



FG WILSON MANUFACTURES PRODUCT IN THE FOLLOWING LOCATIONS:

NORTHERN IRELAND • BRAZIL • CHINA • INDIA • USA

WITH HEADQUARTERS IN NORTHERN IRELAND, FG WILSON OPERATES THROUGH A GLOBAL DEALER NETWORK.

TO CONTACT YOUR LOCAL SALES OFFICE PLEASE VISIT THE FG WILSON WEBSITE AT WWW.FGWILSON.COM.

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