

## SDMO® and KOHLER®: A Partnership of Excellence

The merger between **SDMO® Industries** and the American company **KOHLER® Co.** (and more particularly KOHLER Global Power Group, the American group's energy division) in December 2005 created the third largest player worldwide in the generator market.

Committed to a process of continuous progress, **SDMO®** has drawn on the benefit of this partnership of excellence. The generators in its **PORTABLE POWER** range now combine their assets and the expertise of the American engine manufacturer to offer a level of sophistication and durability that is unequalled in the market.



Compact and mobile, the **SDMO®** products in the **PORTABLE POWER** professional range provide high-performance solutions for demanding conditions in the field.

## SDMO® PORTABLE POWER: generators designed to meet the needs of professionals

The **PORTABLE POWER** products in the **SDMO®** standard range comprise easily transportable generators from 0.9 to 15 kVA, welding sets and water pumps for domestic and professional applications.

Powerful and tough, the professional product line has been inspired by the needs and demanding conditions met in the field. Its user-friendliness and compact design, its reliability and optimal user safety, its noise level and its fuel efficiency are all widely recognised.

These technological solutions, now enhanced with the professional **KOHLER®** engine, offer professionals an ease-of-use that is unmatched in the market.



Reliable, robust and perfectly safe, the **SDMO® PORTABLE POWER** products, equipped with **KOHLER®** engines, suit all requirements to meet the energy supply needs of professionals.

## Assets of the **KOHLER®** professional engine:

### ■ Performance and robustness

- Resistance to frequent and intense use thanks to its manufacture from quality materials.
- 3-year manufacturer's warranty, parts and labour.

### ■ Maintenance and safety

- Less frequent and lower maintenance thanks to the automatic valve clearance adjustment function.
- Perfectly safe system: on engines equipped with an electric start, the engine shuts off if the oil level is too low.
- Longer engine life thanks to the QUAD CLEAN™ cyclonic air filter technology (available on the CH270, CH440 and CH395 engines).

### ■ Economy and ease-of-use

- Energy savings on the CH640 petrol model (if the generator is not used for 2 minutes, it automatically switches to idle, reducing fuel consumption by 50%).
- Easy electric start on generators marked with the letter E.
- Low noise level thanks to an oversized silencer, a soundproof alloy casing and a perfectly adapted air intake (only on the CH270, CH440 and CH395 engines).
- Effortless start in extreme weather conditions thanks to the winter and summer air filter settings.
- Advanced injection system reducing fuel consumption.



## Assets of the **SDMO® PORTABLE POWER** product offer:

### ■ **TECHNIC®** and **PERFORM®** generators: all-terrain robustness and autonomy

Fitted with **KOHLER®** engines, the generators in the **SDMO®** **TECHNIC®** and **PERFORM®** ranges benefit from the technical expertise of the American manufacturer to offer power solutions with proven robustness. On the CH270, CH395 and CH440 models, the engine's technology is supplemented by a QUAD CLEAN™ cyclonic air filter, which provides maximum protection against fouling and helps optimise power.

With power outputs from 3 to 7 kW, the **PERFORM®** range of generators is the obvious solution for frequent and repeated use, making them an appropriate choice for compressors, pneumatic drills and drills. With their excellent price-performance ratio, they are the most competitive solution in the **SDMO®** product offer.



PERFORM® 6500 C



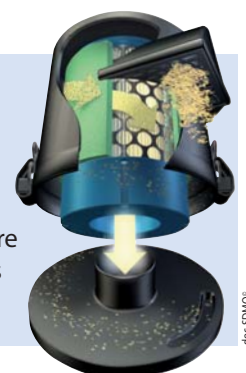
TECHNIC® 15000 TE AVR

For an ever more user-friendly alternative, the **PERFORM®** generators are fitted with larger tanks (from 13 to 35 litres) and offset sockets to become the **TECHNIC®** range. Perfect for regular and intensive power requirements, the generators in this range can supply power for more than 13 hours (TECHNIC 7500 TE AVR C, TECHNIC 7000 E AVR C, etc.) with a maximum power of 13.75 kVA in three-phase for the TECHNIC 15000 TE AVR C.

The oil level safety switch, which shuts off the generator if the oil level is too low, gives optimum safety. Equipped with a single full socket and an electric start (on certain models only), the generators in the **TECHNIC®** range are particularly suited for use with equipment such as breakers, plaster sprayers and pressure washers.

### ■ **QUAD CLEAN™** air filter: innovative protection

The **KOHLER®** engines on the **SDMO®** **PERFORM®** and **TECHNIC®** generators (CH270, CH395 and CH440 models) are fitted with the QUAD CLEAN™ cyclonic air filter. Comparable in size to a conventional filter (no heavier or larger), it does not affect the compact size and portability of the generators. On the contrary, this exclusive system offers 4 highly-efficient levels of filtration. Designed to expel coarse particles and capture the finest, this innovative solution protects the engine from fouling and ensures that the air intake is always clean, thereby extending the engine's life and optimising power while reducing fuel consumption.



## ■ DIESEL® generators: Resistance and autonomy

To offer professionals peace of mind and freedom of action, the generators in the **DIESEL®** range (10 models), equipped with **KOHLER®** engines, come with a large tank to efficiently supply power to wood splitters, air compressors and other pressure washers for almost 18 hours.

**KOHLER®**'s expertise is also demonstrated with the 'oil level safety' switch fitted to these generators' engines, ensuring that the engine shuts off if the oil pressure or level is too low for the generator to operate correctly.



DIESEL® 10000 E XL C

For ever more convenience, the generators are started and stopped with the simple turn of a key. In the event of battery failure, the **KOHLER®** engine can also be started mechanically.

A relevant design that, coupled with its low fuel consumption, makes the **DIESEL®** range particularly competitive and economical.

In single- or three-phase, the 10 generators in the **DIESEL®** range provide powers ranging from 2.3 to 12.5 kVA.



Competitive and economical, the **SDMO® DIESEL®** generators provide efficient power for almost 18 hours.

## ■ WELDARC® welding sets: the welding and electricity solution for sites without electricity

By equipping its **WELDARC®** welding set range with **KOHLER®** engines, **SDMO®** offers professionals products to suit all types of work, wherever there is no electricity. The robust, high-performance engines that equip the products in the **WELDARC®** range ensure optimum power for long and intensive welding without overheating. To meet every need and for greater autonomy, the three **WELDARC® INTENS** models are also available in two diesel models, **WELDARC® DIESEL**.

Based on their performance, the **SDMO®** welding sets fitted with **KOHLER®** engines can also be used as generators, for which they are equipped with auxiliary outputs. This dual functionality is a major advantage on sites without electricity.

As with the **TECHNIC®** and **PERFORM®** generators, and for additional safety, the **WELDARC®** sets are equipped with an 'engine shut off' switch if the oil pressure is low. Greater efficiency of use, an electric start and automatic valve clearance adjustment also guarantee low maintenance for the **SDMO®** welding solutions.



The **SDMO® WELDARC®** models can be used interchangeably as a welding solution or as a back-up generator for absolute autonomy on site.



WELDARC® 300 TE XL C

## ■ AQUALINE® water pumps: Unfailing design!

Designed to pump all liquids, the **AQUALINE®** range of water pumps make full use of **SDMO®**'s technological expertise to transfer and process clean and waste water, even under extreme conditions.

Benefiting from the robust and sophisticated **KOHLER®** engine, the **TRASH 4** water pump meets the most demanding needs. The flagship product of the **AQUALINE SPECIALIST®** range, this solution is capable of pumping all types of waste water (including that containing solids), at speeds of up to 108 m<sup>3</sup>/hr for more than 4 hours.

**TRASH 4** also lifts liquids to a height of 17 meters. For greater convenience and added ease-of-use, it starts automatically and allows easy access to the turbine by removal of the end plate, without the need for tools. For greater durability, this model, designed for extreme and intensive applications, is manufactured from graphite cast iron (impeller and volute), making it more abrasion resistant and low maintenance, and of silicon carbide (mechanical seal), a harder-wearing and more resistant material for excellent abrasion resistance to the pumped materials.



AQUALINE® TRASH 4

dec. SDMO®

To meet all requirements, **SDMO®** generators, welding sets and water pumps are available with a number of standard or optional accessories: wheelbarrow or road trailer kit for greater mobility; remote control box or "Quick'lock" cable winder for convenience and ease-of-use; maintenance kit; protective cover or storage bin to prolong the life of the products.

Like all **SDMO® PORTABLE POWER** equipment, these accessories meet REACH Regulation requirements, certifying the safety of the materials used, whether imported or manufactured by the company.

Created in 1966, **SDMO®** Industries is now the leader in France and the third largest manufacturer worldwide of generator sets. The company designs, manufactures and markets a range of standard generators from 1 to 3,000 kVA to meet all power needs and to suit all applications.

Thanks to the expertise of its engineering department and to meet more specific requirements, **SDMO®** Industries is also able to offer custom power plants. It manages every project from start to finish, from plant design through to technical support. Its dynamic service policy ensures the durability of these systems worldwide.

**For further information,  
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