



PORTABLE
POWER

50 HZ

1 kW to 20 kW

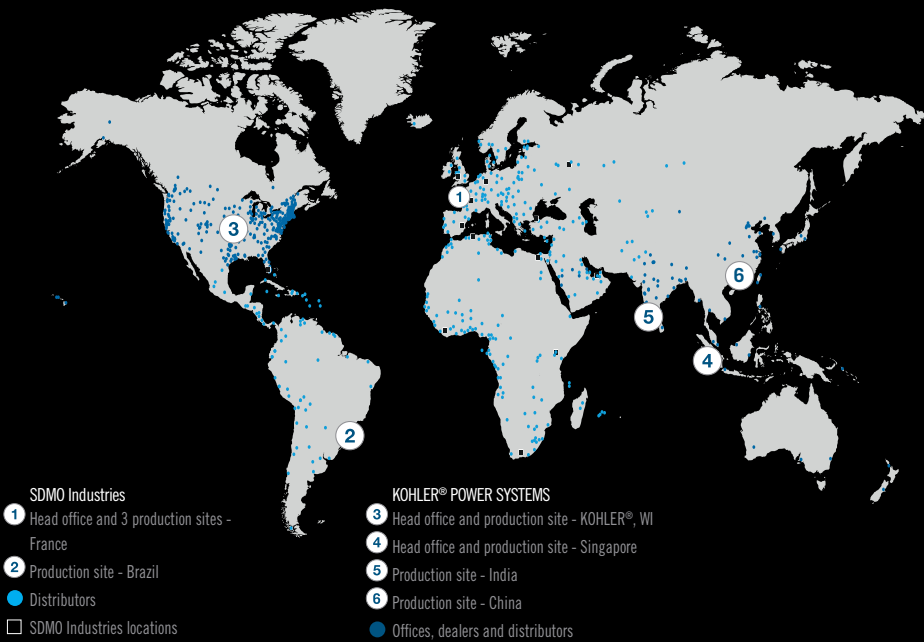
GENERATING SETS
WELDING SETS
WATER PUMPS
POWER TAKE-OFF ALTERNATORS



PPW-PR-DO-EN-62

KOHLER®
SDMO®

NATIONAL COVERAGE, INTERNATIONAL PRESENCE.
THINK GLOBALLY, ACT LOCALLY.



In order for KOHLER-SDMO to continue to grow and meet the needs of new markets, it relies on:
In France: 8 sales offices and 3 regional divisions.
Globally: a distribution network present in over 150 countries, 6 subsidiaries, 7 offices.

The responsiveness of the company is based on its development of 6 storage platforms which, in co-operation with the subsidiaries, constitute an efficient commercial network.

Now that KOHLER and SDMO have joined forces, you are guaranteed to benefit from this fruitful partnership thanks to the increased presence of KOHLER-SDMO locations in your area.

- **SDMO Energy LTD in the United Kingdom**
- **SDMO Industries Ibérica in Spain**
- **SDMO nv/sa in Belgium**
- **SDMO Maquigeral in Brazil**
- **SDMO Generating Sets in the USA**
- **SDMO GmbH in Germany**



NUMBER 1 GENERATING SET
MANUFACTURER IN FRANCE
AND NUMBER 3 IN THE WORLD

From offshore drilling platforms to harsh desert conditions, from building sites to the most exacting industries, the reliability and performance of **KOHLER-SDMO generating sets** has **firmly established the company as one of the leading global manufacturers.**

SDMO Industries was created in 1966, setting up its head office and three factories in Brest, along with another plant in Brazil. Backed by an international group structure, KOHLER-SDMO continues to reinforce its leading position on the European market. **Today, the company focuses exclusively on generating sets, and offers the widest range on the market.**

Actively promoting constant progress and permanently in tune with its customers' most stringent requirements, the Research & Development and Engineering teams work in harmony to develop **innovative standard or bespoke solutions.** A distribution network covering 150 countries means that SDMO Industries is able to provide a dedicated and localized service to each and every one of its customers.

Fields of expertise: Telecommunications, Healthcare, Power Stations, Extraction sites, Banking, Insurance, Data centers, Military groups, Cogeneration, Large retail outlets, Agri-foods, Construction and Public Works, Industrial Vehicle Hire, Prestigious sites...

And, of course, ranges dedicated to the general public and professionals.



ADVANTAGES



CONSTANT INNOVATION TO BENEFIT YOUR PROJECTS

To offer you guidance when developing your projects, the KOHLER-SDMO Research & Development Department groups together 100 engineers and technicians. Their aim: to provide you with concrete solutions which feature the most innovative technologies.

A holistic process

The KOHLER-SDMO Research & Development Department is committed to working alongside you to ensure the success of your projects right up to the point of delivery, in line with the following 7 steps:

- understanding your requirements,
- analyzing your demands and constraints precisely,
- providing you with solutions adapted to these needs,
- integrating innovative technologies,
- designing complete programs,
- creating your installation,
- ensuring the maintenance and technical monitoring of your installation.

State-of-the-art tools

Trained to master the latest design and analysis tools, KOHLER-SDMO technicians can rely on advanced 3D modelling software incorporating a very precise structural calculation module.

The innovative techniques at their disposal enable them to meet the requirements of global standards with precision: reduction of pollutant emissions, noise attenuation, etc.



For sound emissions analysis, KOHLER-SDMO test engineers are able to obtain particularly fine results through use of the state-of-the-art technique of sound intensity measurement, associated with modal analysis to determine the vibration frequencies.

A RANGE DEDICATED TO ALL USES

Power Products

Performance meets power in this standard range dedicated to the most exacting professional applications. Combined with highly responsive services, such as the X-PRESS lead time solution, this range means we can supply a generating set anywhere in the world, with a very quick turnaround.



Rental Power

Versatile, robust and very quiet, essential criteria for this range specially designed for the rental market, with performance levels which enable it to meet specific, high intensity operating conditions.

Power Solutions

Specific and adaptable, the generating sets in this range create innovative solutions able to meet highly exacting requirements. These generating sets and power plants use tried and tested technologies covering a broad spectrum of applications.



Portable Power

Efficiency and ease of handling are the key features of this range, which meets the diverse needs of the professional market, whilst ensuring safety remains paramount.

HEALTH AND ENVIRONMENT



All products, accessories and options in the KOHLER-SDMO Portable Power range scrupulously respect the REACH European legislation which imposes on manufacturers and importers the responsibility of manufacturing, marketing, importing or using substances that do not have harmful effects on human health and the environment. These measures are based on the principle of safety guidelines.



RESPONSIVENESS AND EFFICIENCY

With a responsive Services department that incorporates the After Sales Service and Spares, you have the assurance of supplies at any time, anywhere in the world.

Thanks to its ultra high performance logistics mechanism and its parts identification system, KOHLER-SDMO can locate and ship the part you need in the quickest possible time.

A permanent stock of 45,000 parts guarantees you availability of parts for all appliances for 10 years.

SERVICE AND TECHNICAL SUPPORT

To ensure you have effective support for the installation and maintenance of your generating sets and water pumps, KOHLER-SDMO's Services Department provides high-performance, highly responsive technical assistance, offering a remote system for immediate monitoring and fault finding.

KOHLER-SDMO also provides clear, attractive information (sales brochures, CD-Rom, POS display/info, etc.) and training programs adapted to your requirements and delivered on simulators capable of reproducing the most varied range of configurations.

Finally, the website www.kohlersdmo.com offers a "Selection guide" section, providing answers to all the most frequently asked questions.

PORTABLE POWER®: KOHLER-SDMO'S COMMITMENT TO YOU

SAFETY AND QUALITY

To create conditions which allow customers to make informed choices, professionals from the generating set (<10 KW) and electrical welding equipment industries have collectively decided to commit to the Qualigen charter, guaranteeing the respect of current European regulations and existing standards, particularly with regard to the following points:

- User safety,
- Sales information,
- Sound level,
- After Sales Service,
- Electrical power.



3-YEAR WARRANTY

For your safety, generating sets* and water pumps** benefit from a 3-year warranty.

* Equipment fitted with KOHLER® and HONDA® engines (excluding industrial range).

** Equipment fitted with KOHLER® engines.



10-YEAR WARRANTY

Spare parts: a permanent stock of 45,000 parts guarantees 10-year availability for all your equipment.



SOUND LEVEL

When this symbol is displayed next to a photo of our generating sets, it means they comply with Directive 2000/14/EC on noise emissions. Only generating sets with a name ending in "C" do not comply.



KOHLER-SDMO OPTIONS

KOHLER-SDMO products offer many options: trolley kit, differential protection, automatic control unit, manual source transfer switch, protective cover, maintenance kit, storage tray etc.

Refer to pages 44 to 49 for the references for these options.

GENERATING SETS DESIGNED TO MEET ALL THE NEEDS OF THE PROFESSIONAL MARKET

When designing even the smallest details of its high-performance and demanding generating sets, KOHLER-SDMO takes inspiration directly from the needs and constraints encountered in the field. KOHLER-SDMO's ongoing quest to streamline, improve ergonomics, reliability and safety, reduce the sound level and consumption, and much more, means that professionals benefit from the best technical solutions.

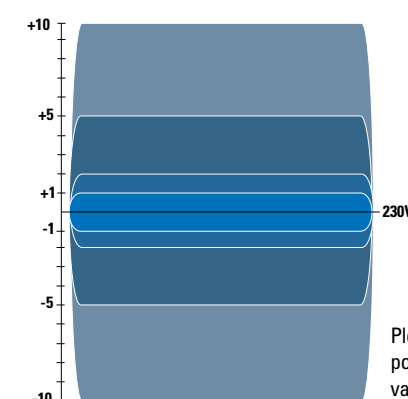
AN ADAPTED RESPONSE TO EVERY NEED

The larger alternator

Perfect for powering electronic equipment, the larger alternator provides a secure power supply on Perform 6500 and Perform 6500 XL generating sets: boasting a low harmonics level, it limits the variations in voltage and frequency of the current supplied, whilst absorbing impacts from the load at start-up.

Voltage regulation

This component electronically regulates the voltage by approximately +/- 2%, depending on the model. It has considerable advantages: it eliminates the risk of damage to high-tech appliances such as heating programmers, welding stations or certain electrical tools with electronic control devices.



Please note: Mains power grid - 10% variation in voltage

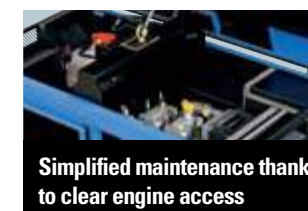
- INVERTER technology - 1% variation in voltage
- AVR* technology - Variation de tension 2%
- Larger alternator - 5% variation in voltage
- Standard alternator - 10% variation in voltage

* Automatic Voltage Regulation.



Design and ergonomics

Compact and streamlined, the silhouette of the Portable Power range has been carefully designed to evolve in harmony with KOHLER-SDMO technology and offer an increasingly practical operating logic. The innovative structure of KOHLER-SDMO generating sets is fitted with ergonomic handles to facilitate transport and ingenious mounts which ensure stability in the most trying of circumstances. By reducing vibrations in the equipment, the stable mounts also optimize its service life.



Simplified maintenance thanks to clear engine access



Streamlined, functional design

KOHLER® ENGINES

OUR PARTNER IN EXCELLENCE

In line with our dynamic of constant progress, SDMO Industries has joined forces with US leader KOHLER®. An expert manufacturer of engines since 1920, and considered the benchmark by the engine industry across the world, it is the touchstone of the largest integrator brands. Always striving to be more competitive, KOHLER-SDMO generating sets are now combining their qualities with KOHLER®'s expertise to offer an unrivalled level of technical features and service life.



KOHLER DIESEL KD15-440 ENGINE

KOHLER® CH 440 ENGINE



ADVANTAGES OF KOHLER® ENGINES*

→ Performance and resilience

- Use of superior quality materials means they can withstand frequent, intensive use.

→ Maintenance and safety

- Reduced maintenance frequency thanks to automatic adjustment of the valve clearances.
- Perfectly safe system: if the oil level is not sufficient, the engine cuts out.
- The engine is protected using Quad Clean cyclonic filtration technology. The Quad Clean™ cyclonic filter offers 4 levels of filtration, designed to expel coarse particles and capture the finer ones. This ensures the air intake remains clean at all times, leading to fuel savings and safeguarding the engine's output and its service life.

→ Energy savings and user comfort

- Easy electric starting on generating sets identified by the letter "E".
- Low sound level thanks to a larger silencer, a soundproofed alloy sump and a specially designed air intake.
- Trouble-free start-up in extreme climate conditions thanks to a two-position summer/winter air filter.
- Carburetorizing system reducing fuel consumption.

* Advantages of KOHLER® engines in general. Available depending on the model.

GENERATING SETS

Range:

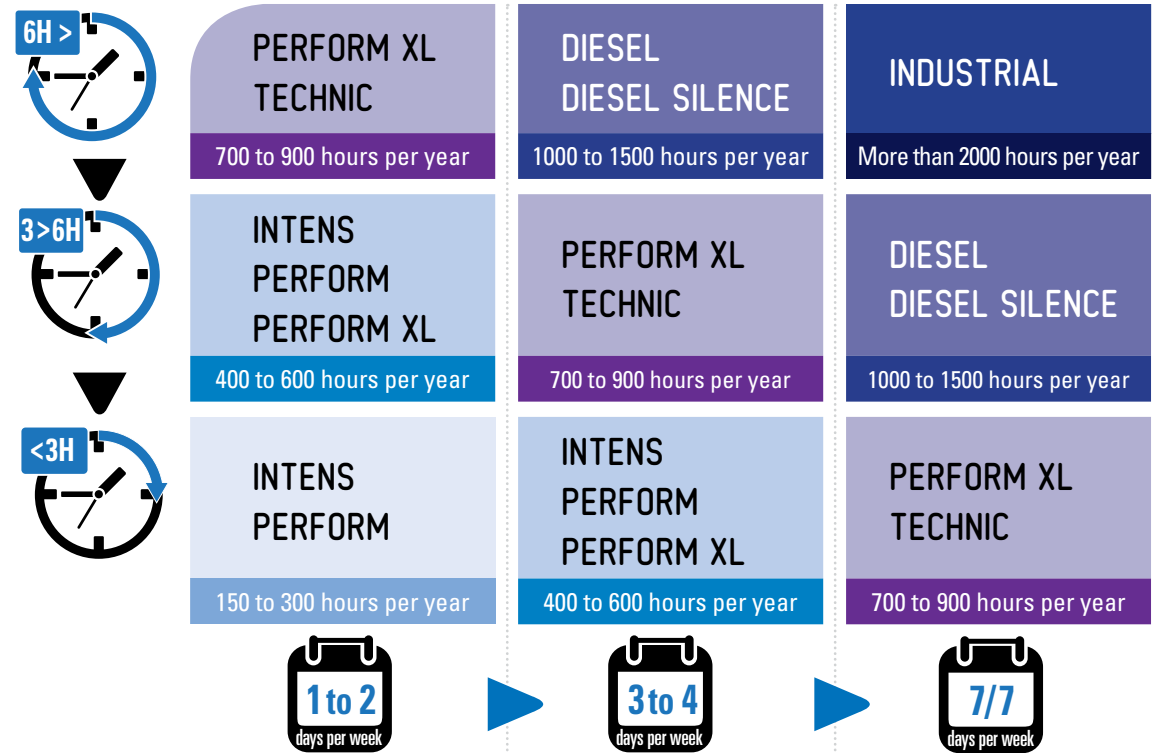
10 SELECTION GUIDE 12 INTENS 14 PERFORM 18 TECHNIC 20 PRESTIGE 22 DIESEL 26 INDUSTRIAL 28 RESIDENTIAL



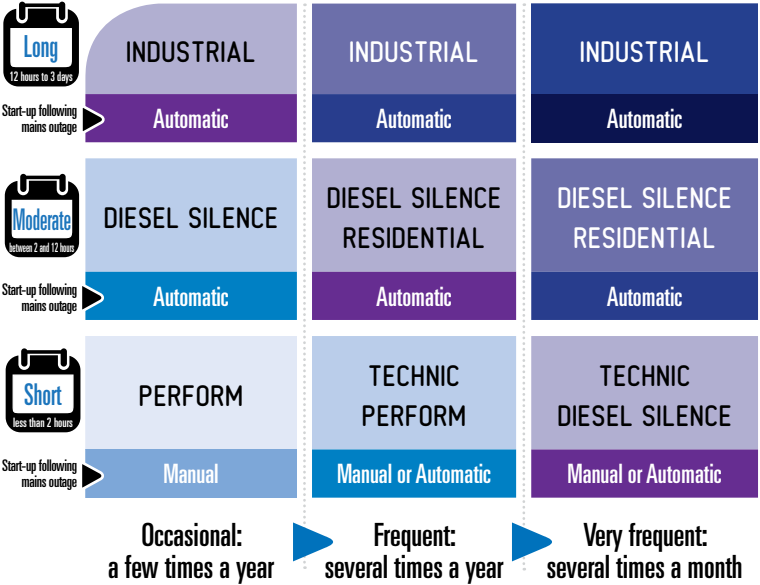
CHOOSING THE RIGHT GENERATING SET: 2 KEY CRITERIA FOR SELECTION

CHOOSING THE RIGHT MOBILE SITE GENERATING SET

Frequency and type of use: these are the two key criteria to be taken into account when choosing the right generating set or sets for your site.



CHOOSING THE RIGHT BACKUP GENERATING SET



KEY CRITERIA FOR SELECTION:

START-UP FOLLOWING MAINS OUTAGE:

- Automatic:** In the event of a mains outage, the automatic control unit sends a starting order to the generating set. As soon as the generating set is producing power, the control unit switches the power source using its source transfer switch. Similarly, when the control unit detects the mains power has returned, it switches back to this primary source and orders the generating set to stop.
- Manual:** Starting up the generating set and manually switching the source.

Did you know?

Petrol fuel for occasional use: choose alkylate petrol (or add a stabilizer) to prevent fuel deterioration.

STEP 2: SELECT THE POWER REQUIRED

BASED ON THE APPLIANCES YOU USE:

To help you select the right generating set for your needs, the guide opposite, provided for illustrative purposes, lists the appliances most often used with a generating set.

BASED ON THE MINIMUM POWER REQUIRED (MPR):

Some appliances require higher power at start-up than their actual running power requirement. You should take this into account when making your choice.

- To calculate the generating set power (single phase) you need at start-up, apply the coefficient given as a guide in the table below. For three phase generating sets, please consult your usual contact.
- For the minimum power requirement of your appliances, refer to the technical documentation supplied by the manufacturer or ask your KOHLER-SDMO agent for advice.

Find the right type of equipment in the table opposite.

Once you have defined the type of use and determined the power required, you then have all the information you need to select your generating set.

Example

You need to power a 1400 W grinder. You require a 3000 W generating set.

This is calculated as follows:
MPR x MPR coefficient (1.5 and 2)
Which gives:
1400 W x 1.5 = 2100 W
1400 W x 2 = 2800 W
(see table of coefficients opposite)

MINIMUM POWER REQUIRED BY TYPE OF APPLIANCE

RESISTIVE TOOLING

APPLIANCE	Appliance output* in Watts	MPR in Watts
Pancake griddle	3600	3600 to 4320
Mobile oven (with or without motor)	2000	2000 to 2400
Electric oven	2500	2500 to 3000
Pneumatic drill	1500	1500 to 1800
Drill	600	600 to 720
Electric hob	2000	2000 to 2400
Radiator	2000	2000 to 2400

LOW IMPACT TOOLING

Pulsed air heater	3000	4500 to 6000
Cutter/mixer/robot	1000	1500 to 2500
Halogen lamp	500	750 to 1000
Grinder	1400	2100 to 2800
Neon light	60	90 to 120
Inverter	6000	9000 to 12,000
Three-phase cellar drainage pump	400	600 to 800
Belt/vibrating sander	1000	1500 to 2500
Plane	1200	1800 to 2400
Wall chaser	1800	2700 to 3600
Circular saw	1800	2700 to 3600
Chainsaw	2000	3000 to 4000

HIGH IMPACT TOOLING

Vibrating flex	1000	3000 to 3500
Candy floss machine	1700	5100 to 5950
Industrial vacuum	1800	5400 to 6300
Concrete mixer	800	2400 to 2800
Air conditioning	3000	9000 to 10500
Single-phase compressor	1500	4500 to 5250
Three-phase compressor	2200	6600 to 7700
Mincer	1500	4500 to 5250
Plastering machine	2200	6600 to 7700
Mixer	1400	4200 to 4900
Mini cold shelf	500	1500 to 1750
Service lift	2600	7800 to 9100
Mortiser	2000	6000 to 7000
High-pressure cleaner	3000	9000 to 10,500
Pillar drill	800	2400 to 2800
Rotary/demolition hammer	1200	3600 to 4200
Dough mixer	1000	3000 to 3500
Heat pump	500	1500 to 1750
Single-phase submersible pump	500	1500 to 1750
Single-phase cellar drainage pump	300	900 to 1050
Fridge/freezer	300	900 to 1050
Meat slicer	200	600 to 700
Milking machine	1000	3000 to 3500

*Data provided as a guide.

INTENS
ROBUST YET
SIMPLE

HX 3000 HX 4000 HX 6000
HX 7500 T



SINGLE-PHASE GENERATING SETS

TYPES	HX 3000 ⁽³⁾	HX 4000 ⁽³⁾	HX 6000 ⁽³⁾
Max LTP (kW) ⁽¹⁾	3.0	4.0	6.0
Alternator type	Standard	Standard	Standard
Fuel tank (L)	3.1	5.3	6.1
Autonomy (Hours)	2.4	2.5	2.4
Guaranteed level of sound power (L _{wa}) in dB(A)	95	95	97
Acoustic pressure at 7 m in dB(A)	66	67	68
Make	Honda®	Honda®	Honda®
Type	GX 200	GX 270	GX 390
HP at 3600 rpm	5.5	8.4	11.7
Weight in kg	41	56	79
Socket code ⁽²⁾	P1L	P1L	P1H

THREE-PHASE GENERATING SETS

TYPES	HX 7500 T ⁽³⁾
Max LTP (kW) ⁽¹⁾	6.0
Max LTP (kVA) ⁽¹⁾	7.5
Alternator type	Standard
Fuel tank (L)	6.1
Autonomy (Hours)	2.4
Guaranteed level of sound power (L _{wa}) in dB(A)	97
Acoustic pressure at 7 m in dB(A)	69
Make	Honda®
Type	GX 390
HP at 3600 rpm	11.7
Weight in kg	80
Socket code ⁽²⁾	P1J

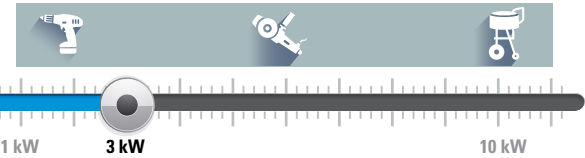
- Not available.
• As standard.
(1) ISO 8528.
(2) Refer to the description of the sockets on page 51.
(3) Also available in C version.

OUR SELECTION

HX 3000



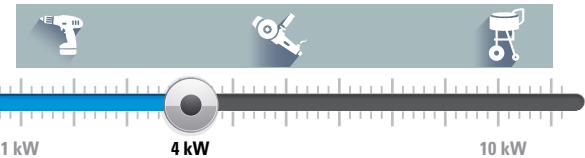
- 3 kW - 230 V
 - HONDA® - GX 200 engine
 - Sound level: 95 LwA/66 dB(A) @ 7 m
- Suggested use*:** perfect for powering a grinder.



HX 4000



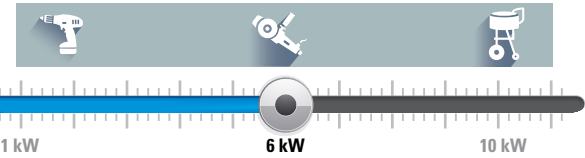
- 4 kW - 230 V
 - HONDA® - GX 270 engine
 - Sound level: 95 LwA/67 dB(A) @ 7 m
- Suggested use*:** perfect for powering a rotary hammer.



HX 6000



- 6 kW - 230 V
 - HONDA® - GX 390 engine
 - Sound level: 97 LwA/68 dB(A) @ 7 m
- Suggested use*:** perfect for powering a mortiser.



There is a range of options available for these generating sets. To view them, please turn to pages 44 to 49.

*Data provided as a guide.

GENERATING SETS

PERFORM

PERFORMANCE
AND STRENGTH

PERFORM 3000

PERFORM 4500
PERFORM 5500 T

PERFORM 6500
PERFORM 7500 T

PERFORM 3000 GAZ

PERFORM 4500 GAZ

PERFORM 6500 GAZ



OUR SELECTION

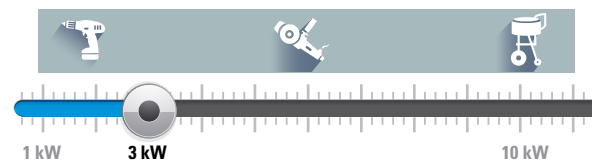
PERFORM 3000



- 3 kW - 230 V
- KOHLER® CH 270 engine
- Sound level: 96 LwA/67 dB(A) @ 7 m



Suggested use:
perfect for powering a drill.



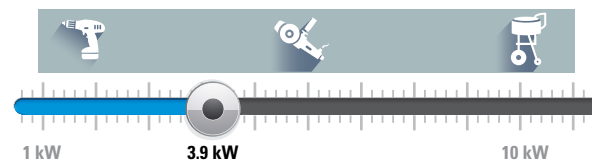
PERFORM 4500 GAZ



- 3.9 kW - 230 V
- KOHLER® CH 395 engine
- Sound level: 97 LwA/69 dB(A) @ 7 m



Suggested use:
perfect for powering a food truck.



PRODUCT BENEFITS

Equipment running on dual fuel (unleaded petrol or LPG). The benefits of LPG:

- Economic: consumption of LPG is 25% lower than petrol.
- Autonomy: could increase sixfold as compared to running on gas (for a 13-kg gas canister).
- Green: no odors and low harmful emissions.

SINGLE-PHASE GENERATING SETS

TYPES	PERFORM 3000	PERFORM 4500	PERFORM 6500	PERFORM 3000 GAZ	PERFORM 4500 GAZ	PERFORM 6500 GAZ
Max LTP (kW) ⁽¹⁾	3.0	4.2	6.5	2.4 ⁽³⁾	3.9 ⁽³⁾	5.8 ⁽³⁾
Alternator type	Standard	Standard	Larger	Standard	Standard	Larger
Fuel tank (L)	4.1	7.3	7.3	-	-	-
Autonomy (Hours)	3.2	3.5	2.8	(4)	(4)	(4)
Guaranteed level of sound power (Lwa) in dB(A)	96	96	97	96	97	97
Acoustic pressure at 7 m in dB(A)	67	68	69	68	69	69
Make	KOHLER®	KOHLER®	KOHLER®	KOHLER®	KOHLER®	KOHLER®
Type	CH 270	CH 395	CH 440	CH 270	CH 395	CH 440
HP at 3600 rpm	6	8.5	11.9	6	8.5	11.9
Weight in kg	45	61.5	85.5	46.5	63	87
Socket code ⁽²⁾	P1L	P1L	P1H	P1L	P1L	P1H

THREE-PHASE GENERATING SETS

TYPES	PERFORM 5500 T	PERFORM 7500 T
Max LTP (kW) ⁽¹⁾	4.5	6.5
Max LTP (kVA) ⁽¹⁾	5.6	8.1
Alternator type	Larger	Larger
Fuel tank (L)	7.3	7.3
Autonomy (Hours)	3.5	2.8
Guaranteed level of sound power (Lwa) in dB(A)	97	97
Acoustic pressure at 7 m in dB(A)	68	69
Make	KOHLER®	KOHLER®
Type	CH395	CH440
HP at 3600 rpm	8.5	11.9
Weight in kg	73.5	93.5
Socket code ⁽²⁾	P1J	P1J

- Not available.

• As standard.

(1) ISO 8528.

(2) Refer to the description of the sockets on page 51.

For PERFORM GAZ models: the outputs (kW and kVA) are given for a GAS supply.

If PETROL is to be used, refer to the outputs for the PERFORM models given in the table above.

(3) Max LTP using GAS fuel.

(4) The autonomy depends on the size of the gas canister.



There is a range of options available for these generating sets. To view them, please turn to pages 44 to 49.

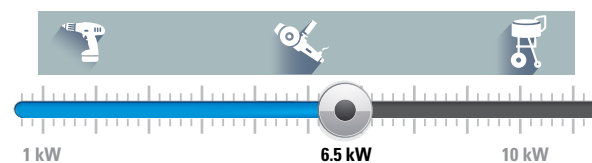
PERFORM 6500



- 6.5 kW - 230 V
- KOHLER® CH 440 engine
- Sound level: 97 LwA/69 dB(A) @ 7 m



Suggested use:
perfect for powering a welding set.



PRODUCT BENEFITS

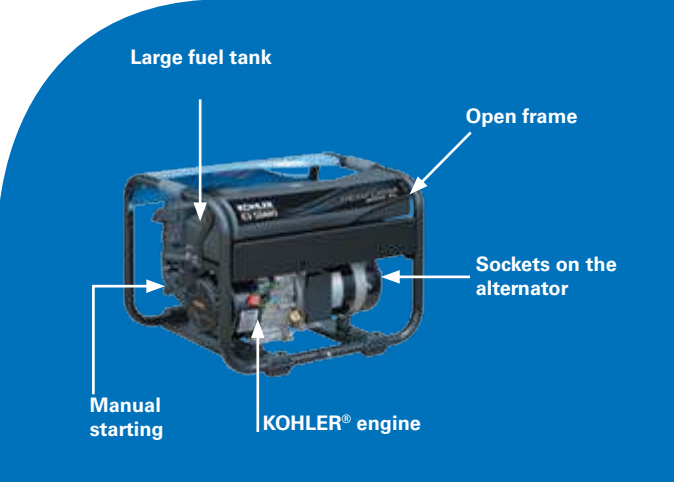
With its larger alternator which ensures the generating sets have a secure power supply, this model is perfect for electronic appliances. Boasting a low harmonics level, it limits the variations in voltage and frequency of the current supplied, whilst absorbing impacts from the load at start-up.

PERFORM

*Data provided as a guide.

PERFORM XL

PERFORMANCE,
STRENGTH AND
AUTONOMY



	AUTONOMY (Hours)	
	"Conventional" version	"XL" version
PERFORM 3000	3.2	10
PERFORM 4500	3.5	10.6
PERFORM 6500	2.8	6.9



There is a range of options available for these generating sets. To view them, please turn to pages 44 to 49.

PERFORM 3000 XL PERFORM 4500 XL
PERFORM 5500 T XL



SINGLE-PHASE GENERATING SETS

TYPES	PERFORM 3000 XL	PERFORM 4500 XL	Perform 4500 XL AVR	PERFORM 6500 XL
Max LTP (kW) ⁽¹⁾	3.0	4.2	4.2	6.5
Alternator type	Standard	Standard	AVR	Larger
Fuel tank (L)	13	18	18	18
Autonomy (Hours)	10	10.6	10.6	6.9
Guaranteed level of sound power (Lwa) in dB(A)	95	97	97	97
Acoustic pressure at 7 m in dB(A)	67	68	68	69
Make	KOHLER®	KOHLER®	KOHLER®	KOHLER®
Type	CH 270	CH 395	CH 395	CH 440
HP at 3600 rpm	6	8.5	8.5	11.9
Weight in kg	46.5	66.5	66.5	87
Socket code ⁽²⁾	P1L	P1L	P1L	P1H

THREE-PHASE GENERATING SETS

TYPES	PERFORM 5500 T XL	PERFORM 7500 T XL
Max LTP (kW) ⁽¹⁾	4.5	6.5
Max LTP (kVA) ⁽¹⁾	5.6	8.1
Alternator type	Larger	Larger
Fuel tank (L)	18	18
Autonomy (Hours)	10.6	6.9
Guaranteed level of sound power (Lwa) in dB(A)	97	97
Acoustic pressure at 7 m in dB(A)	68	69
Make	KOHLER®	KOHLER®
Type	CH 395	CH 440
HP at 3600 rpm	8.5	11.9
Weight in kg	76.5	94.5
Socket code ⁽²⁾	P1J	P1J

- Not available.
• As standard.
(1) ISO 8528.
(2) Refer to the description of the sockets on page 51.

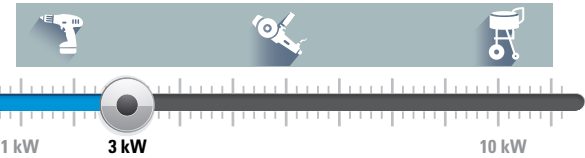
PERFORM 4500 XL AVR PERFORM 6500 XL
PERFORM 7500 T XL

OUR SELECTION

PERFORM 3000 XL

- 3 kW - 230 V
- KOHLER® CH 270 engine
- Sound level: 95 LwA/67 dB(A) @ 7 m

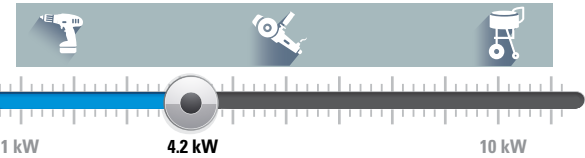
Suggested use:
perfect for powering a winch.



PERFORM 4500 XL AVR

- 4.2 kW - 230 V
- KOHLER® CH 395 engine
- Sound level: 97 LwA/68 dB(A) @ 7 m

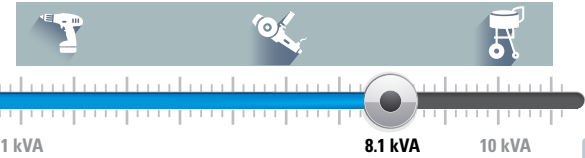
Suggested use:
perfect for powering a circular saw.



PERFORM 7500 T XL

- 6.5 kW/8.1 kVA - 400 V
- KOHLER® CH 440 engine
- Sound level: 97 LwA/69 dB(A) @ 7 m

Suggested use:
perfect for powering a compressor.



PERFORM XL

*Data provided as a guide.

GENERATING SETS

TECHNIC

STRENGTH AND AUTONOMY FOR ALL-TERRAIN EVERYDAY USE



TECHNIC 7500 T AVR IP54 **TECHNIC 6500 E**
TECHNIC 7500 TE TECHNICAL 7500 TE

TECHNIC 6500 E AVR -
TECHNIC 7500 TE AVR -



SINGLE-PHASE GENERATING SETS

TYPES	TECHNIC 6500 E	TECHNIC 6500 E AVR	TECHNIC 6500 E AVR M	TECHNIC 10000 E	TECHNIC 10000 E AVR
Max LTP (kW) ⁽¹⁾	6.5	6.5	6.5	10.5	10.5
Alternator type	Larger	AVR	AVR	Larger	AVR
Fuel tank (L)	18	18	18	33	33
Autonomy (Hours)	6.9	6.9	6.9	7	7
Guaranteed level of sound power (Lwa) in dB(A)	97	97	97	97	97
Acoustic pressure at 7 m in dB(A)	69	69	69	69	69
Make	KOHLER®	KOHLER®	KOHLER®	KOHLER®	KOHLER®
Type	CH 440E	CH 440E	CH 440E	CH 680	CH 680
Electric starter	•	•	•	•	•
APM202 Instrumentation and control	-	-	•	-	-
HP at 3600 rpm	11.9	11.9	11.9	22.5	22.5
Weight in kg	95	101	101	167	167
Socket code ⁽²⁾	P1ZA	P1ZA	P1ZA	P1ZD	P1ZD

- Not available.
• As standard.
(1) ISO 8528.
(2) Refer to the description of the sockets on page 51.

THREE-PHASE GENERATING SETS

TYPES	TECHNIC 7500 T AVR IP54	TECHNIC 7500 TE	TECHNIC 7500 TE AVR	TECHNIC 7500 TE AVR M	TECHNIC 15000 TE	TECHNIC 15000 TE AVR	TECHNIC 20000 TE AVR C
Max LTP (kW) ⁽¹⁾	6.5	6.5	6.5	6.5	11.5	11.5	15.2
Max LTP (kVA) ⁽¹⁾	8.1	8.1	8.1	8.1	14.4	14.4	19
Alternator type	AVR	Larger	AVR	AVR	Larger	AVR	AVR
Fuel tank (L)	18	18	18	18	33	33	35
Autonomy (Hours)	6.9	6.9	6.9	6.9	7	7	6.3
Guaranteed level of sound power (Lwa) in dB(A)	97	97	97	97	97	97	104
Acoustic pressure at 7 m in dB(A)	69	69	69	69	69	69	74
Make	KOHLER®	KOHLER®	KOHLER®	KOHLER®	KOHLER®	KOHLER®	KOHLER®
Type	CH 440	CH 440E	CH 440E	CH 440E	CH 680	CH 680	CH 940
Electric starter	-	•	•	•	•	•	•
APM202 Instrumentation and control	-	-	-	•	•	•	•
HP at 3600 rpm	11.9	11.9	11.9	11.9	22.5	22.5	34
Weight in kg	97	108.5	108.5	102	196	193	188
Socket code ⁽²⁾	P1L	P1L	P1L	P1L	P1ZE	P1ZE	P1Z

There is a range of options available for these generating sets. To view them, please turn to pages 44 to 49.

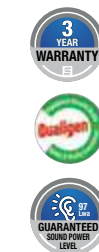
TECHNIC 6500 E AVR M
TECHNIC 7500 TE AVR M

TECHNIC 10000 E - TECHNICAL 10000 E AVR
TECHNIC 15000 TE - TECHNICAL 1500 TE AVR

TECHNIC 20000 TE AVR C

OUR SELECTION

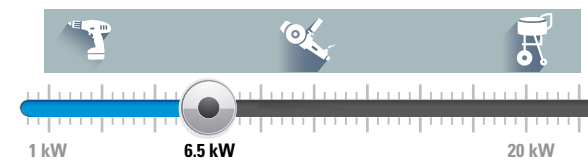
TECHNIC 6500 E AVR M



- 6.5 kW - 230 V
- KOHLER® CH 440E engine
- Sound level: 97 LwA/69 dB(A) @ 7 m
- Electric starter
- APM202 instrumentation & control as standard

Suggested use*:

perfect for powering an air compressor or as a backup application.

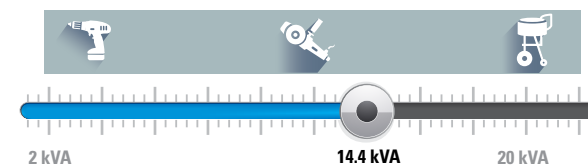


TECHNIC 15000 TE



- 11.5 kW/14.4 kVA - 400 V - KOHLER® - CH 680 engine
- Sound level: 97 LwA/69 dB(A) @ 7 m
- Electric starter
- APM202 instrumentation & control as standard

Suggested use*: perfect for powering a plastering machine.



PRODUCT BENEFITS

Technic 10000 E and Technic 15000 TE generating sets feature a larger alternator specially adapted for site use. In the AVR version, these generating sets feature an AVR alternator with a low distortion level which makes them specially suited for backup applications providing power for sensitive electronic products.

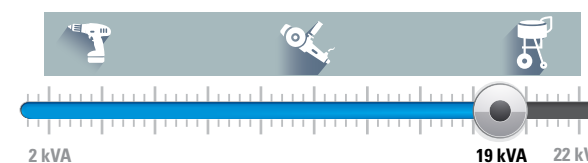


TECHNIC 20000 TE AVR C



- 15.2 kW/19 kVA - 400V - KOHLER® - CH 940 engine
- Sound level: 104 LwA/74 dB(A) @ 7 m
- Electric starter
- APM202 instrumentation & control as standard

Suggested use*: perfect for powering an air compressor.



PRODUCT BENEFITS

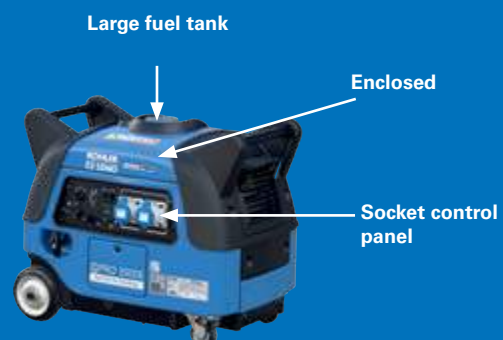
Genset most powerful generating set in this range, used to power multiple appliances simultaneously.



TECHNIC

*Data provided as a guide.

PRESTIGE
QUIETLY EFFICIENT



Types	Inverter Pro 2000	Inverter Pro 3000 E PrIndus	Prestige 3000
Max LTP (kW) ⁽¹⁾	2.0	3.0	2.8
Alternator type	Inverter	Inverter	Standard
Fuel tank (L)	4.2	13	12
Autonomy (Hours)	4.7	10	9.2
Guaranteed level of sound power (Lwa) in dB(A)	89	88	94
Acoustic pressure at 7 m in dB(A)	60	59	64
Make	Yamaha®	Yamaha®	Kohler®
Type	MZ 80	MZ 175	CH 270
Electric starter	-	•	-
HP at 3600 rpm	-	-	6
Weight in kg	21	68	50
Socket code ⁽²⁾	P1ZB	P2P	P1L

- Not available.
• As standard.
(1) ISO 8528.
(2) Refer to the description of the sockets on page 51.



The coupling cable enables two INVERTER PRO 2000 generating sets to be connected up to create a more powerful generating set, with an output of 3 kW. Coupling cable available as an option (ref. RCC).



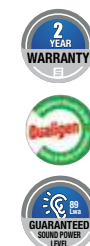
There is a range of options available for these generating sets. To view them, please turn to pages 44 to 49.

OUR SELECTION

INVERTER PRO 2000

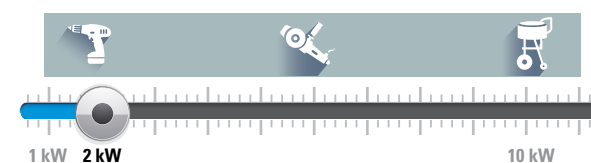
Powered by  **YAMAHA**

PRODUCT BENEFITS



- 2 kW - 230 V - YAMAHA® - MZ80 engine
- Sound level: 89 LwA/60 dB(A) @ 7 m

Suggested use*: perfect for caravans.

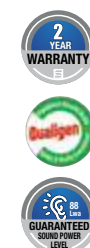


Inverter technology, which guarantees high current quality, stable genset voltage and frequency, reduced pollutant emissions, noise and fuel consumption.

INVERTER PRO 3000 E PRINDUS *Powered by* **YAMAHA**

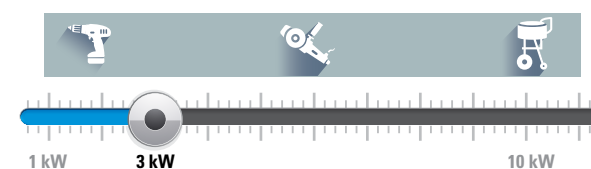
Powered by **YAMAHA**

PRODUCT BENEFITS



- 3 kW - 230 V - YAMAHA® - MZ175 engine
- Sound level: 88 LwA/59 dB(A) @ 7 m
- Electric starter

Suggested use*: perfect for powering electronic equipment.



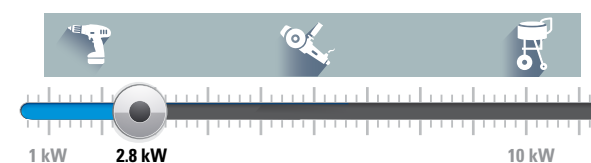
**Compact and lightweight
for greater user comfort.**

PRESTIGE 3000



- 2.8 kW - 230 V - KOHLER® - CH 270 engine
- Sound level: 94 LwA/65 dB(A) @ 7 m

Suggested use*: perfect for powering a food truck.



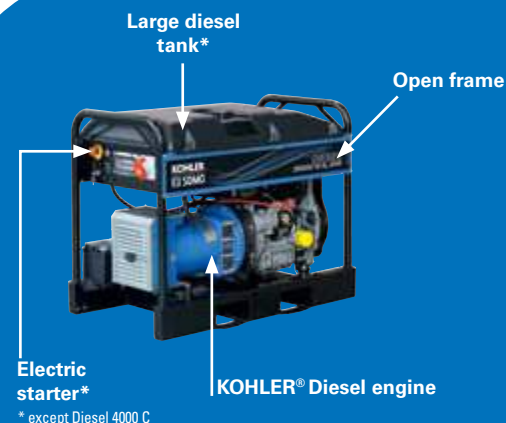
PRESTIGE

*Data provided as a guide.

GENERATING SETS

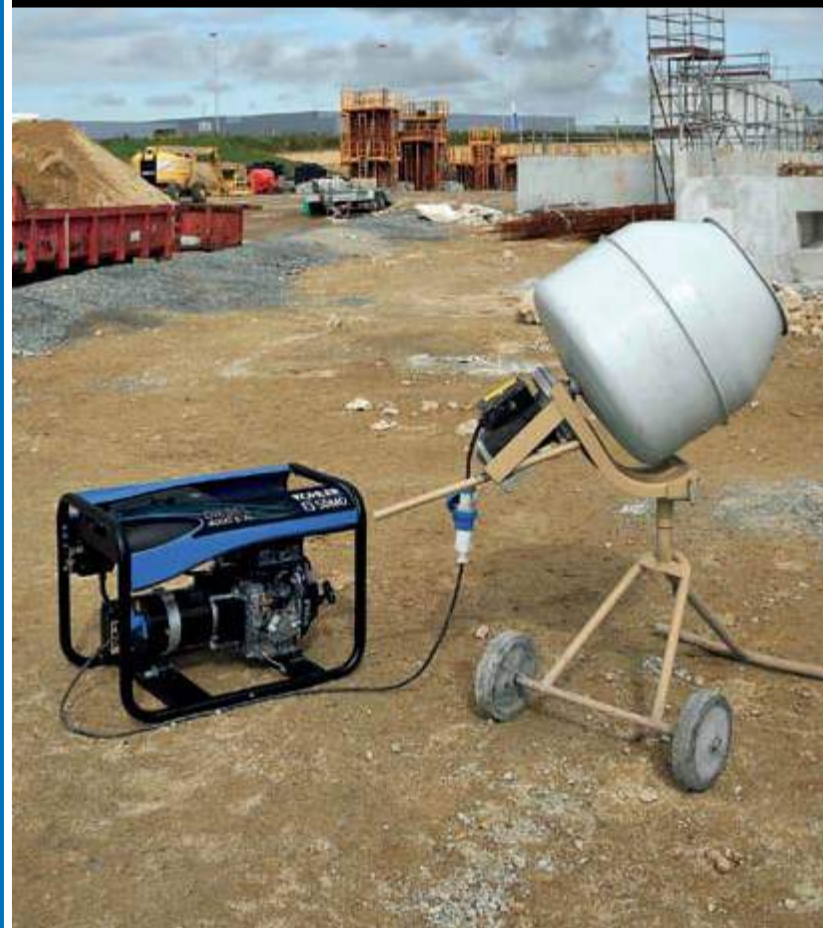
DIESEL

RESILIENT, WITH HIGH AUTONOMY



DIESEL 4000 C DIESEL 4000 E XL C DIESEL 6000 E XL C -

DIESEL 6000 E XL C M DIESEL 10000 E XL C DIESEL 20000 TE XL AVR C
DIESEL 6500 TE XL C - DIESEL 6500 TE XL C M DIESEL 15000 TE XL C



SINGLE-PHASE GENERATING SETS

TYPES	DIESEL 4000 C	DIESEL 4000 E XL C	DIESEL 6000 E XL C	DIESEL 6000 E XL C M	DIESEL 10000 E XL C
Max LTP (kW) ⁽¹⁾	3.4	3.4	5.2	5.2	9
Alternator type	Standard	Standard	Standard	Standard	Larger
Fuel tank (L)	4.3	16	16	16	35
Autonomy (Hours)	4.8	17.8	13.3	13.3	16.7
Guaranteed level of sound power (Lwa) in dB(A)	108	108	108	108	109
Acoustic pressure at 7 m in dB(A)	78	78	79	79	80
Make	KOHLER®	KOHLER®	KOHLER®	KOHLER®	KOHLER®
Type	KD 350	KD 350 E	KD15-440	KD15-440	KD 425-2
Electric starter	-	•	•	•	•
HP at 3600 rpm	7	7	9.8	9.8	19
Weight in kg	70	84	103	103	162
Socket code ⁽²⁾	P1L	P1L	P1H	P1H	P1ZD

THREE-PHASE GENERATING SETS

TYPES	DIESEL 6500 TE XL C	DIESEL 6500 TE XL C M	DIESEL 15000 TE XL C	DIESEL 20000 TE XL AVR C
Max LTP (kW) ⁽¹⁾	5.2	5.2	10	15.2
Max LTP (kVA) ⁽¹⁾	6.5	6.5	12.5	19
Alternator type	Standard	Standard	Larger	AVR
Fuel tank (L)	16	16	35	35
Autonomy (Hours)	13.3	13.3	16.7	9.2
Guaranteed level of sound power (Lwa) in dB(A)	108	108	109	110
Acoustic pressure at 7 m in dB(A)	79	79	80	81
Make	KOHLER®	KOHLER®	KOHLER®	KOHLER®
Type	KD15-440	KD15-440	KD 425-2	KD 625-2
Electric starter	•	•	•	•
HP at 3600 rpm	9.8	9.8	19	22.1
Weight in kg	108	108	169	311
Socket code ⁽²⁾	P1J	P1J	P1ZE	P1ZH

- Not available.
• As standard.
(1) ISO 8528.
(2) Refer to the description of the sockets on page 51.

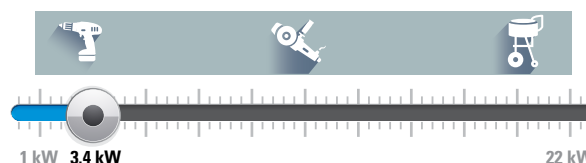
OUR SELECTION

DIESEL 4000 E XL C



- 3.4 kW - 230 V
- KOHLER® DIESEL - KD 350 E engine
- Sound level: 108 LwA/78 dB(A) @ 7 m
- Electric starter

Suggested use*:
perfect for powering a log splitter.

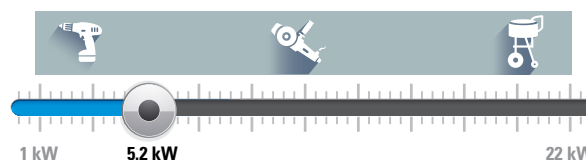


DIESEL 6000 E XL C



- 5.2 kW - 230 V
- KOHLER® DIESEL engine - KD15-440
- Sound level: 108 LwA/79 dB(A) @ 7 m
- Electric starter

Suggested use*:
perfect for powering a compressor.

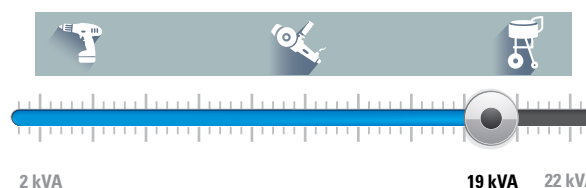


DIESEL 20000 TE XL AVR C



- 15.2 kW/19 kVA - 400 V
- KOHLER® DIESEL KD 625-2 engine
- Sound level: 110 LwA/81 dB(A) @ 7 m
- Electric starter

Suggested use*:
perfect for backup applications.



There is a range of options available for these generating sets. To view them, please turn to pages 44 to 49.

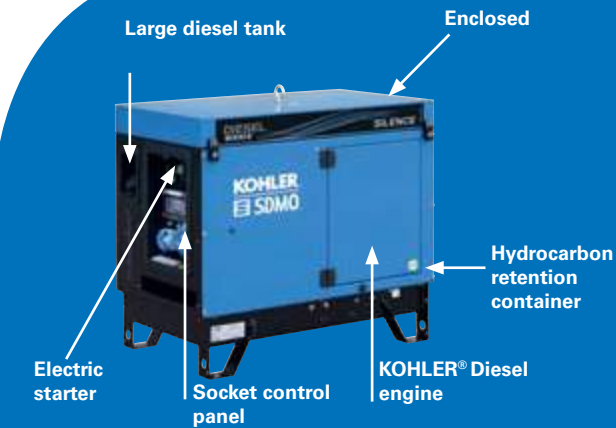
*Data provided as a guide.

DIESEL

GENERATING SETS

DIESEL SILENCE

COMPACT AND QUIET



DIESEL 6000 E SILENCE – DIESEL 6000 E SILENCE AVR
DIESEL 6500 TE SILENCE – DIESEL 6500 TE SILENCE AVR

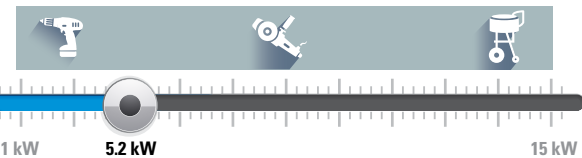


DIESEL 10000 E SILENCE – DIESEL 10000 E SILENCE AVR
DIESEL 15000 TE SILENCE – DIESEL 15000 TE SILENCE AVR

OUR SELECTION

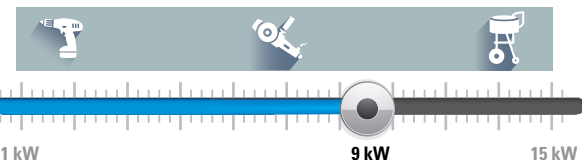
DIESEL 6000 E SILENCE

- 3 YEAR WARRANTY
 - Qualigen
 - GUARANTEED SOUND POWER LEVEL
- 5.2 kW - 230 V
 - KOHLER® DIESEL ENGINE - KD15-440
 - Sound level: 92 LwA/63 dB(A) @ 7 m
 - Electric starter
 - Hydrocarbon retention container
- Suggested use*:**
perfect for supplying power on an urban work site.



DIESEL 10000 E SILENCE

- 3 YEAR WARRANTY
 - Qualigen
 - GUARANTEED SOUND POWER LEVEL
- 9 kW - 230 V
 - KOHLER® DIESEL KD 425-2 engine
 - Sound level: 97 LwA/68 dB(A) @ 7 m
 - Electric starter
 - Hydrocarbon retention container
- Suggested use*:**
perfect for supplying power on an urban work site.



PRODUCT BENEFITS

Simplified maintenance thanks to easy access to the various components.

Available (as an option) on a trolley kit or road trailer.

SINGLE-PHASE GENERATING SETS

TYPES	DIESEL 6000 E SILENCE	DIESEL 6000 E SILENCE AVR	DIESEL 10000 E SILENCE	DIESEL 10000 E SILENCE AVR
Max LTP (kW) ⁽¹⁾	5.2	5.2	9	9
Alternator type	Standard	AVR	Larger	AVR
Fuel tank (L)	27	27	27	27
Autonomy (Hours)	22.5	22.5	12.9	12.9
Guaranteed level of sound power (Lwa) in dB(A)	92	92	97	97
Acoustic pressure at 7 m in dB(A)	63	63	68	68
Make	KOHLER®	KOHLER®	KOHLER®	KOHLER®
Type	KD15-440	KD15-440	KD 425-2	KD 425-2
Electric starter	•	•	•	•
HP at 3600 rpm	9.8	9.8	19	19
Weight in kg	198	198	269	269
Socket code ⁽²⁾	P1ZD	P1ZD	P1ZD	P1ZD

- Not available.
• As standard.
(1) ISO 8528.
(2) Refer to the description of the sockets on page 51.

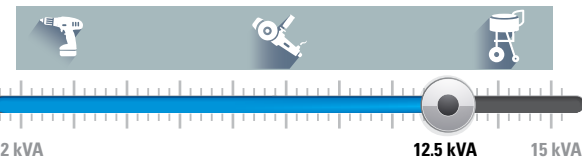
THREE-PHASE GENERATING SETS

TYPES	DIESEL 6500 TE SILENCE	DIESEL 6500 TE SILENCE AVR	DIESEL 15000 TE SILENCE	DIESEL 15000 TE SILENCE AVR
Max LTP (kW) ⁽¹⁾	5.2	5.2	10	10
Max LTP (kVA) ⁽¹⁾	6.5	6.5	12.5	12.5
Alternator type	Larger	AVR	Larger	AVR
Fuel tank (L)	27	27	27	27
Autonomy (Hours)	22.5	22.5	12.9	12.9
Guaranteed level of sound power (Lwa) in dB(A)	92	92	97	97
Acoustic pressure at 7 m in dB(A)	63	63	67	67
Make	KOHLER®	KOHLER®	KOHLER®	KOHLER®
Type	KD15-440	KD15-440	KD 425-2	KD 425-2
Electric starter	•	•	•	•
HP at 3600 rpm	9.8	9.8	19	19
Weight in kg	215.5	215.5	275	275
Socket code ⁽²⁾	P1ZE	P1ZE	P1ZE	P1ZE

There is a range of options available for these generating sets. To view them, please turn to pages 44 to 49.

DIESEL 15000 TE SILENCE AVR

- 3 YEAR WARRANTY
 - Qualigen
 - GUARANTEED SOUND POWER LEVEL
- 10 kW/12.5 kVA - 400V
 - KOHLER® DIESEL KD 425-2 engine
 - Sound level: 97 LwA/67 dB(A) @ 7 m
 - Electric starter
 - Hydrocarbon retention container
 - Voltage regulation (AVR) as standard
- Suggested use*:**
perfect for residential backup applications.



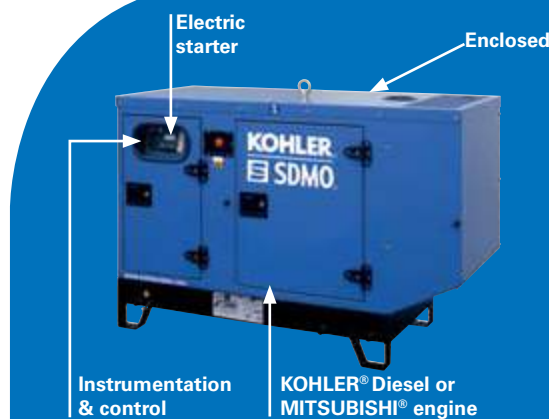
DIESEL SILENCE

*Data provided as a guide.

GENERATING SETS

INDUSTRIAL

SOLUTIONS FOR ALL PERFORMANCE REQUIREMENTS



SINGLE-PHASE GENERATING SETS

TYPES	XP-K6M-ALIZÉ	XP-T9KM-ALIZÉ
Max ESP** (kW) ⁽¹⁾	6	8.6
Max ESP** (kVA) ⁽¹⁾	6	8.6
Max PRP* (kW) ⁽¹⁾	5.5	7.8
Max PRP* (kVA) ⁽¹⁾	5.5	7.8
Guaranteed level of sound power (Lwa) in dB(A)	83	87
Acoustic pressure at 7 m in dB(A)	54	58
Make	KOHLER®	Mitsubishi®
Type	KDW1003	S3L2-SD
Speed (rpm)	1500	1500
Electric starter	•	•
Fuel tank (L)	50	50
Consumption at 75% load (L/h)	2.3	3.2
Weight in kg	390	544
Socket code ⁽²⁾	P1C	P1C

- Not available.
• As standard.
(1) ISO 8528.
(2) Refer to the description of the sockets on page 51.

*PRP: Prime power available continuously in variable load applications for an unlimited number of hours per year in accordance with ISO8528-1. No overload available for this service.
**ESP: Emergency Standby Power available for supplying emergency power under variable load in accordance with ISO 8528-1, no overload available for this service.

THREE-PHASE GENERATING SETS

TYPES	XP-K9-ALIZÉ	XP-T12K-ALIZÉ	XP-K16H-ALIZÉ	XP-T16K-ALIZÉ
Max ESP** (kW) ⁽¹⁾	7.2	9.2	12.8	12.8
Max ESP** (kVA) ⁽¹⁾	9	11.5	16	16
Max PRP* (kW) ⁽¹⁾	6.4	8.4	11.6	11.6
Max PRP* (kVA) ⁽¹⁾	8	10.5	14.5	14.5
Guaranteed level of sound power (Lwa) in dB(A)	83	87	95	88
Acoustic pressure at 7 m in dB(A)	54	58	66	59
Make	KOHLER®	Mitsubishi®	KOHLER®	Mitsubishi®
Type	KDW1003	S3L2-SD	KDW 1003-H	S4L2-SD
Speed (rpm)	1500	1500	3000	1500
Electric starter	•	•	•	•
Fuel tank (L)	50	50	50	50
Consumption at 75% load (L/h)	2.3	2.3	3.63	4.2
Weight in kg	390	535	480	554
Socket code ⁽²⁾	P1V	P1V	P1V	P1V

There is a range of options available for these generating sets. To view them, please turn to pages 44 to 49.

XP-T6KM-ALIZÉ
XP-T8K-ALIZÉ

XP-T9KM-ALIZÉ
XP-T12K-ALIZÉ

XP-K16H-ALIZÉ

XP-T16K-ALIZÉ

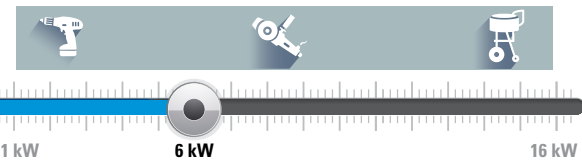
OUR SELECTION

XP-K6M-ALIZÉ



- 6 kW - 230 V
- KOHLER® KDW1003 engine
- Sound level: 83 LwA/54 dB(A) @ 7 m
- APM303 instrumentation & control as standard

Suggested use*:
perfect for simultaneously powering a large number of appliances.



PRODUCT BENEFITS

Equipped with the APM303 control/command module: a versatile unit equipped with a highly intuitive LCD screen. It offers high-quality basic functions, allowing easy and reliable operation of your generating set.
Main functions: manual and automatic mode (with auto start input), management and protection of the generating set, electrical measurements (including power), mechanical value measurements, automatic voltage and frequency detection, secure configuration on APM303 or PC.

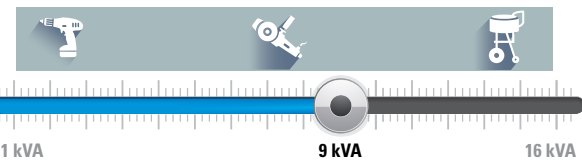


XP-K9-ALIZÉ



- 9 kVA - 400 V
- KOHLER® KDW1003 engine
- Sound level: 83 LwA/54 dB(A) @ 7 m
- APM303 instrumentation & control as standard

Suggested use*:
perfect for simultaneously powering a large number of appliances.

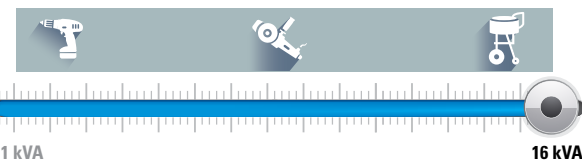


XP-K16H-ALIZÉ



- 12.8 kW/16 kVA - 400 V
- KOHLER® KDW 1003-H engine
- Sound level: 95 LwA/66 dB(A) @ 7 m
- APM303 instrumentation & control as standard

Suggested use*:
perfect for simultaneously powering a large number of appliances.



*Data provided as a guide.

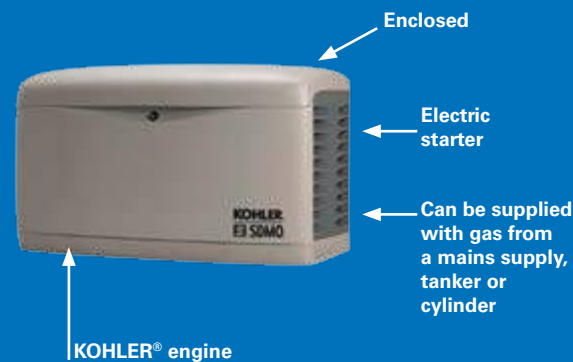
INDUSTRIAL

GENERATING SETS

RESIDENTIAL

NEVER BE
WITHOUT ENERGY!

RESA 14 EC RESA 14 U RESA 20 EC RESA 20 U
RESA 14 TEC RESA 14 T RESA 20 TEC RESA 20 T



OUR SELECTION

RESA 14 EC



- Natural gas: 10 kW/10 kVA - 230 V LPG: 11 kW/11 kVA - 230 V
- KOHLER® CH 740 engine
- Sound level: 92 LwA/63 dB(A) @ 7 m

PRODUCT BENEFITS

Option to use either liquid propane gas or natural gas. Additional battery charger included.



RESA 20 EC



- Natural gas: 14 kW/14 kVA - 230 V LPG: 15 kW/15 kVA - 230 V
- KOHLER® CH 1000 engine
- Sound level: 96 LwA/68 dB(A) @ 7 m

PRODUCT BENEFITS

Option to use either liquid propane gas or natural gas. Additional battery charger included.



RESA 20 TEC



- Natural gas: 13.6 kW/17 kVA - 400 V LPG: 14.4 kW/18 kVA - 400 V
- KOHLER® CH 1000 engine
- Sound level: 96 LwA/68 dB(A) @ 7 m

PRODUCT BENEFITS

Option to use either liquid propane gas or natural gas. Additional battery charger included.



SINGLE-PHASE GENERATING SETS

TYPES		RESA 14 EC	RESA 14 U ⁽²⁾	RESA 20 EC	RESA 20 U ⁽²⁾
Natural gas	Max ESP** (kW) ⁽¹⁾	10	10	14	14
	Max ESP** (kVA) ⁽¹⁾	10	10	14	14
	Consumption at 75% load (m³/h) ⁽²⁾	4.2	4.2	6.9	5.4
LPG ⁽²⁾	Max ESP** (kW) ⁽¹⁾	11	11	15	16
	Max ESP** (kVA) ⁽¹⁾	11	11	15	16
	Consumption at 75% load (kg/h) ⁽²⁾	3.55	3.55	4.48	4.48
	Guaranteed level of sound power (Lwa) in dB(A)	92	92	96	96
	Acoustic pressure at 7 m in dB(A)	63	63	68	68
	Make	KOHLER®	KOHLER®	KOHLER®	KOHLER®
	Type	CH 740	CH 740	CH 1000	CH 1000
	Electric starter	•	•	•	•
	Weight in kg	178	178	234	234

THREE-PHASE GENERATING SETS

TYPES		RESA 14 TEC	RESA 14 T ⁽³⁾	RESA 20 TEC	RESA 20 T ⁽³⁾
Natural gas	Max ESP** (kW) ⁽¹⁾	9.6	10	13.6	14
	Max ESP** (kVA) ⁽¹⁾	12	12	17	17
	Consumption at 75% load (m³/h) ⁽²⁾	4.2	4.2	5.4	5.4
LPG ⁽²⁾	Max ESP** (kW) ⁽¹⁾	10.4	11	14.4	15
	Max ESP** (kVA) ⁽¹⁾	13	13	18	18
	Consumption at 75% load (kg/h) ⁽²⁾	3.55	3.55	4.48	4.48
	Guaranteed level of sound power (Lwa) in dB(A)	92	92	96	96
	Acoustic pressure at 7 m in dB(A)	63	63	68	68
	Make	KOHLER®	KOHLER®	KOHLER®	KOHLER®
	Type	CH 740	CH 740	CH 1000	CH 1000
	Electric starter	•	•	•	•
	Weight in kg	178	178	234	234

• As standard.
(1) ISO 8528.
(2) LPG: 0.535 m³ = 1 kg.
(3) Not EC compliant.

**ESP: Emergency Standby Power available for supplying emergency power under variable load in accordance with ISO 8528-1, no overload available for this service.

There is a range of options available for these generating sets. To view them, please turn to pages 44 to 49.



RESIDENTIAL

WELDING SETS



CHOOSING THE RIGHT WELDING SET: THREE KEY CRITERIA FOR SELECTION

Essential for welding work on sites with no electricity or for carrying out maintenance procedures on insulated machines, WELDARC welding sets are practical, easily transported and operational in record time. Their ingenious design mean they can also be used alone as a back-up generator to supply electricity.

With KOHLER® engines integrated as standard on WELDARC models, they boast a high level of technological expertise combining power with performance, safety, resilience and reduced maintenance and operating costs.

1 FREQUENCY OF USE

For welding with all types of electrode and on highly technical materials, choose a welding set with direct voltage, such as the complete range of WELDARC models.

Two specific ranges are available to suit your frequency of use:

- The WELDARC INTENS range is a high-performance "2 in 1" solution (generating set + welding set), suitable for regular use.
- The WELDARC DIESEL range is a "2 in 1" solution (generating set + welding set), offering twice as much autonomy as petrol versions. It is particularly well-suited to intensive use.

2 SELECT THE TYPES OF ELECTRODES BEING USED

Each welding set offers the possibility of using different types of electrode, which it is important to define before choosing your welding set.

→ Rutile

A commonly used electrode with high flexibility of use.

→ Cellulose

An electrode suitable for downward welding.

→ Basic

An electrode for technical joining with a high level of safety. Use of this is recommended for parts subject to high levels of mechanical stress. It requires direct welding current.

The maximum rod diameter is also a key criteria when selecting your welding set. Remember to take it into consideration.

3 SELECT THE BACK-UP POWER YOU REQUIRE

All the welding units in the WELDARC range can supply power thanks to their auxiliary outputs. They can be used as standard generating sets, and the choice of model for this function meets the same criteria as the other generating sets in the Portable Power range.



WELDING SETS

WELDARC

THE WELDING
SOLUTION FOR OFF-
GRID WORK SITES

PRODUCT BENEFITS +

All KOHLER®'s expertise at your service

The KOHLER® engines equipping the welding sets are renowned for their performance and resilience, tried and tested in the agricultural, industrial and marine sectors. They offer an ergonomic electric starter and safety, with an automatic "engine cut-out" when the oil level is low.




VX 200/4H

WELDARC 200
WELDARC 220 T

WELDARC 300 TE XL C

WELDARC 180 DE C

WELDARC 300 TDE XL C






TYPES		VX 200/4H	WELDARC 200	WELDARC 220 T	WELDARC 300 TE XL C	WELDARC 180 DE C	WELDARC 300 TDE XL C
Output	Fuel	Petrol	Petrol	Petrol	Petrol	Diesel	Diesel
	Max LTP (kW)	4	4	5.7	7	4	7
	Max LTP (kVA) ⁽¹⁾	4	4	7.2	8.8	4	8.8
Welding	35% duty cycle (normal)	200	200	200	300	180	300
	60% duty cycle (intensive)	170	170	170	250	145	250
Rod	min ø (mm)	1.6	1.6	1.6	1.6	1.6	1.6
	max ø (mm)	4	4	4	5	4	5
Autonomy	Autonomy in hours	2.4	2.8	2.8	9.2	4.2	20.6
	Guaranteed level of sound power (Lwa) in dB(A)	97	97	97	101	108	109
	Acoustic pressure at 7 m in dB(A)	69	69	69	72	79	80
Engine	Make	Honda	KOHLER®	KOHLER®	KOHLER®	KOHLER®	KOHLER®
	Type	GX390	CH440	CH440	CH680	KD 440 E	KD 425-2
	Weight in kg	87	93.5	94.5	152.5	100	175
	Socket code ⁽²⁾	P1L	P1L	P1J	P1K	P1L	P1K

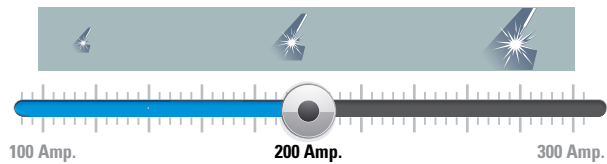
There is a range of options available for these welding sets. To view them, please turn to pages 44 to 49.

- Not available.
• As standard.
(1) Calculated theoretical value for comparison.
(2) Refer to the description of the sockets on page 51.


OUR SELECTION

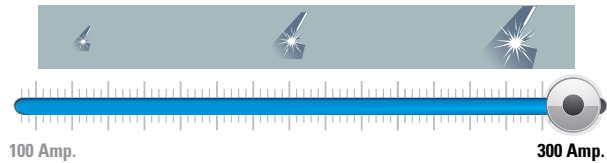
WELDARC 200

- 
- KOHLER® CH440 engine
 - Duty cycle:
 - Intensive (60%): 170 Amp.
 - Normal (35%): 200 Amp.
 - Min/max rod Ø: 1.6/4 mm
 - Auxiliary output: 4 kVA⁽¹⁾ - 230 V (with circuit breaker)
 - Sound level: 97 LwA/69 dB(A) @ 7 m



WELDARC 300 TE XL C


- 
- KOHLER® CH680 engine
 - Duty cycle:
 - Intensive (60%): 250 Amp.
 - Normal (35%): 300 Amp.
 - Min/max rod Ø: 1.6/5 mm
 - Auxiliary output: 8.8 kVA⁽¹⁾ - 400 V (with circuit breaker)
 - Sound level: 101 LwA/72 dB(A) @ 7 m

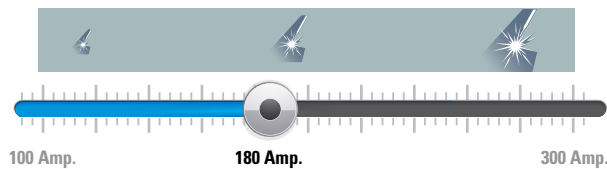


PRODUCT BENEFITS +

Three-phase 400V auxiliary output.

WELDARC 180 DE C

- 
- KOHLER® KD 440 E engine
 - Duty cycle:
 - Intensive (60%): 145 Amp.
 - Normal (35%): 180 Amp.
 - Min/max rod Ø: 1.6/4 mm
 - Auxiliary output: 4 kVA⁽¹⁾ - 230 V (with circuit breaker)
 - Sound level: 108 LwA/79 dB(A) @ 7 m
 - Welding tray included



WELDARC

WATER PUMPS

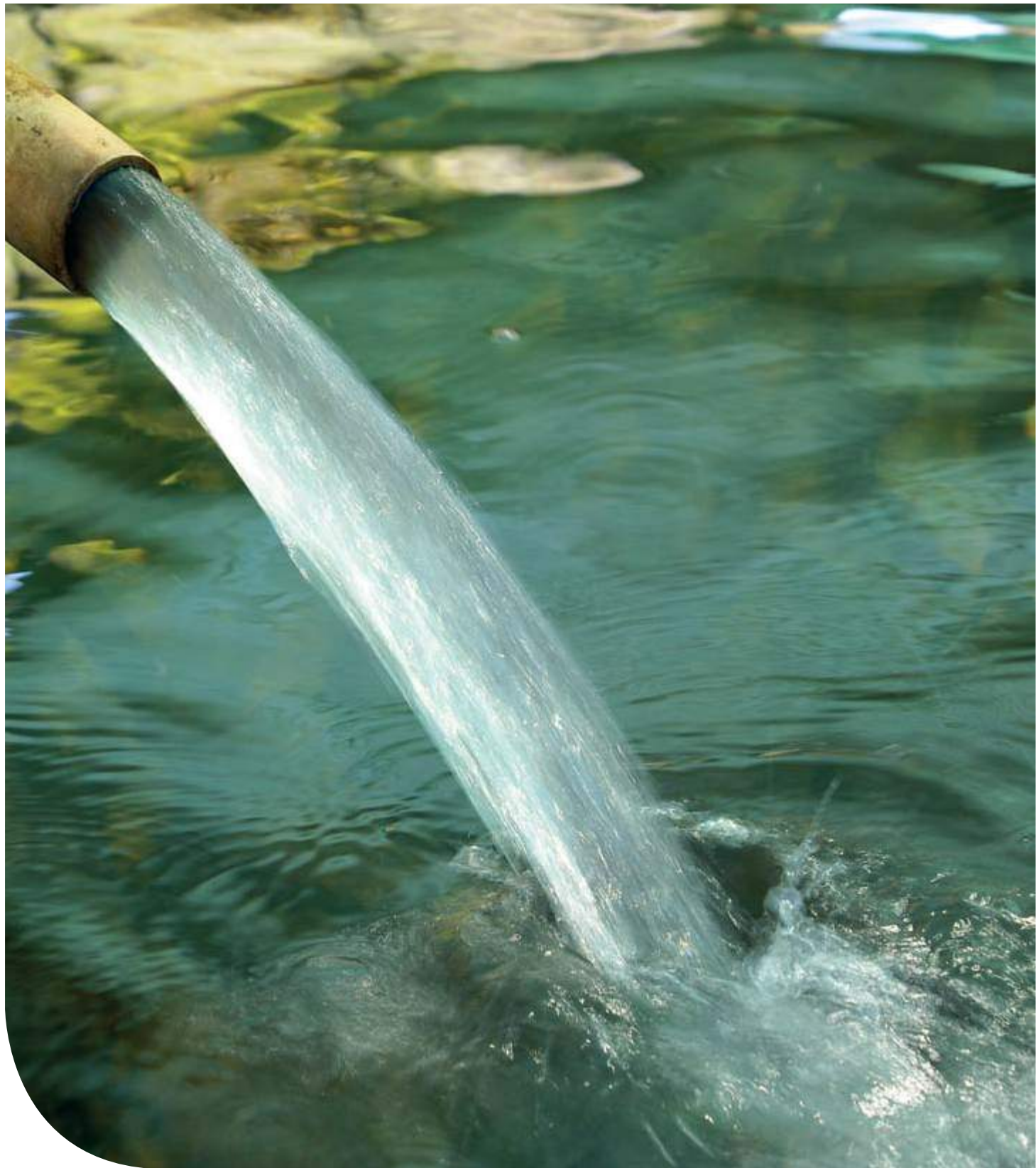
Range:

36

AQUALINE INTENS

38

AQUALINE SPECIALIST



CHOOSING THE RIGHT WATER PUMP: THREE KEY STEPS FOR SELECTION

Designed to provide a solution adapted to the needs of every work site, from transferring clean water to the most specialized of treatments, AQUALINE water pumps clearly meet the expectations of professionals.

All KOHLER-SDMO water pumps are self-priming: thanks to an integrated valve system, the liquid is fed mechanically into the intake pipe by pumping air.

Warning: before start-up, it is essential that the pump body is filled with liquid.

1 EVALUATE THE TYPE OF WATER OR LIQUID YOU WISH TO PROCESS

Because not all liquids that are pumped have the same characteristics, KOHLER-SDMO water pumps respond to multiple applications, according to:

→ THE WATER QUALITY:

- **Clean water, or water with high or low levels of sediment**

Choose between two AQUALINE INTENS versions according to the quality of the water to be pumped:

- The ST version, recommended for use with clean water, for fish farming activities, filling/emptying swimming pools, etc.
- The TR version, specially designed for water with low levels of sediment, in particular for pumping muddy trenches, pits, mudflats, etc.

- **Water with very high levels of sediment and high-pressure applications**

AQUALINE SPECIALIST water pumps are available in different versions, with technical features for 3 types of use:

- HP 2.26 H is a high-efficiency cleaning solutions for floors and patios and agricultural or site machinery. It is also acts as an incredibly useful back-up in the event of a fire.
- The XT 3.78 H, TRASH 3 and TRASH 4 models are designed for water with very high levels of sediment, in particular for extreme and intensive use, and can process solid particles from 20 to 30 mm.

→ THE DELIVERY RATE AND PRESSURE DEPEND ON THE FRICTION LOSSES.

2 CALCULATING THE REQUIRED ELEVATION HEAD

The elevation is greater or lesser according to the configuration of the installation or the application (drainage, spraying, irrigation, emptying, washing). It is calculated using:

→ The suction head

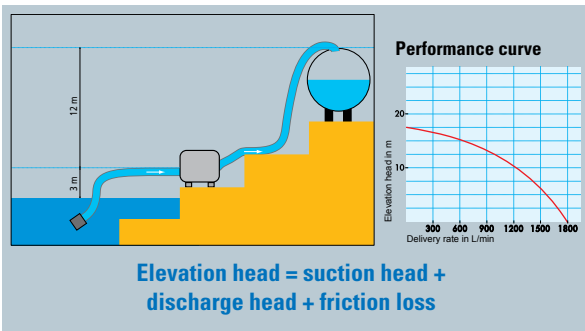
This is the height between the level of the pumped water and the pump center line. For physical reasons, it cannot exceed 8 meters.

→ The discharge head

This is the height between the pump center line and the highest point in the network.

→ The friction loss

This is the resistance encountered by the water in the pipes. It is calculated according to the length, diameter and quality of the pipes, their shape and the number of accessories (in general we estimate 20%).



3 DETERMINING THE DELIVERY RATES TO SELECT THE REQUIRED OUTPUT

The delivery rate corresponds to the maximum quantity of water that can be extracted at a given height. This is determined by plotting the elevation head in meters on the curve. The flow rate is calculated in L/min.

The elevation head determines the available pressure: it is divided by 10 to obtain pressure in bar. If this pressure is too low, a more powerful model should be chosen.

The delivery rate and the discharge head are the main criteria when choosing your water pump.

TECHNICAL SPECIFICATIONS

Model	AQUALINE INTENS				AQUALINE SPECIALIST			
	ST 2.36 H	ST 3.60 H	TR 2.36 H	TR 3.60 H	HP 2.26 H	XT 3.78 H	TRASH 3	TRASH 4
Turbine	Graphite cast iron							
Volute casing	Cast iron				Graphite cast iron			
Mechanical seal	Carbon/ceramic		Silicon carbide		Carbon/ceramic		Silicon carbide	
Removal of the flange	•	•	••	••	•	•••	•••	•••

• Tool required •• Tool provided ••• No tool needed
* PolyEthylene Terephthalate
Silicon carbide: provides better resistance to abrasion, increased durability and reduced maintenance.
Graphite cast iron: harder, more durable material for better resistance to abrasions from pumped particles.

AQUALINE
INTENS

TRIED-AND-TESTED
DESIGN FOR WATER
WITH LOW LEVELS
OF SEDIMENT

PRODUCT BENEFITS

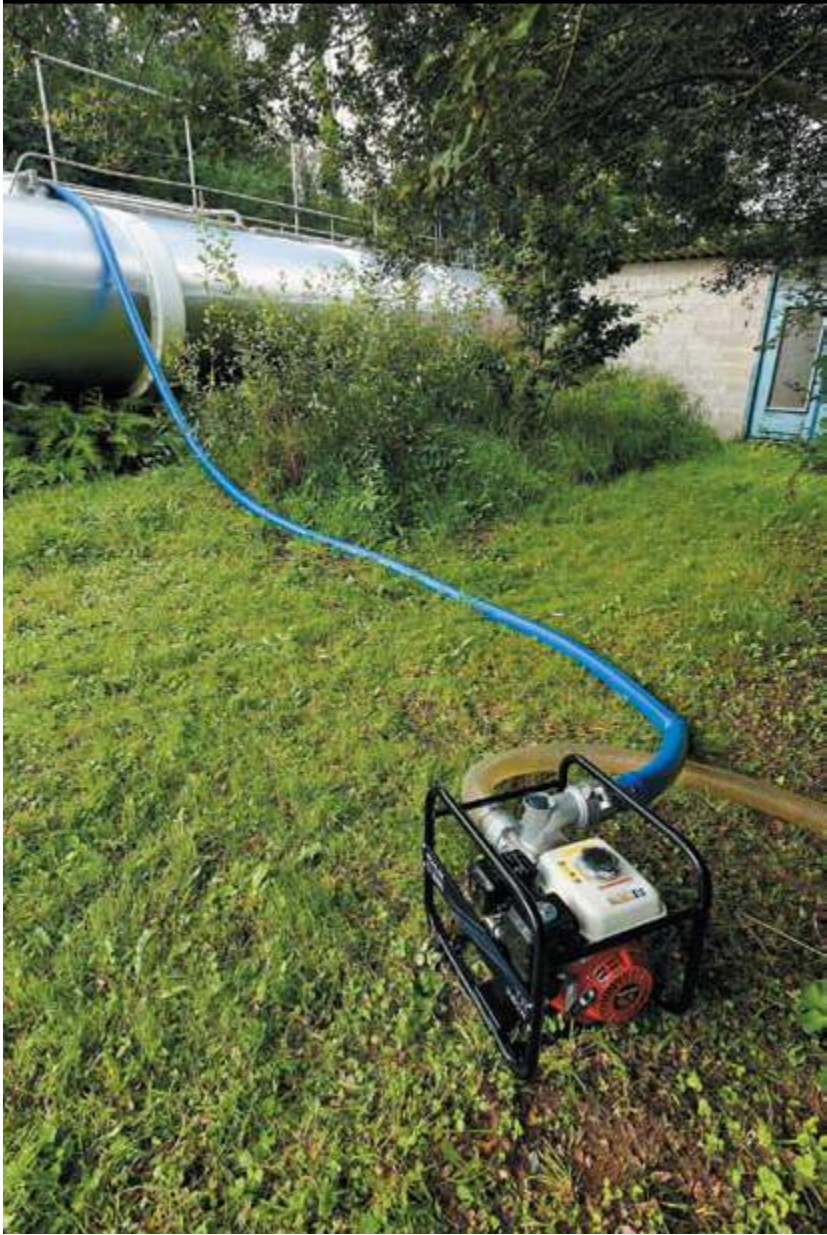
**HONDA® technology
combined with ease
of maintenance**

Perfect for occasional
processing of water with no or
low levels of sediment,
ST 2.36 H and ST 3.60 H water
pumps are equipped with
professional high-performance
HONDA® engines, also suitable
for more intensive use.

With a very high quality pump
body, TR 2.36 H and
TR 3.60 H models are designed
for intensive processing of
sediment-laden water, with
complete peace of mind.

The removable front cover
facilitates professionals' work,
ensuring a quick cleaning
process.

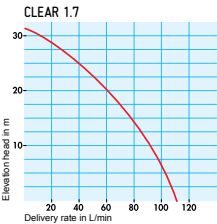
CLEAR 1.7 ST 2.36 H ST 3.60 H TR 2.36 H TR 3.60 H



WATER PUMPS

TYPES	CLEAR 1.7	ST 2.36 H	ST 3.60 H	TR 2.36 H	TR 3.60 H
Fluid type	Clean water	Clean water	Clean water	Water with low levels of sediment	Water with low levels of sediment
Fuel	2-stroke fuel (petrol/oil mix)	Petrol	Petrol	Petrol	Petrol
Intake diameter (mm)	25	50	80	50	80
Max delivery rate (m³/h)	6.6	36	54	36	54
Elevation head (m)	32	29	26	29	26
Granulometry (mm)	8	8	8	8	8
Guaranteed level of sound power (Lwa) in dB(A)	110	103	105	103	105
Acoustic pressure at 7 m in dB(A)	82	72	75	72	76
Make	-	Honda®	Honda®	Honda®	Honda®
Type	KC26	GX 120	GX 160	GX 120	GX 160
Autonomy (Hours)	0.75	2	3.4	2	3.4
Weight in kg	5.5	23	29	23	29

There is a range of options available for these water pumps; To view them, please turn to page 49.



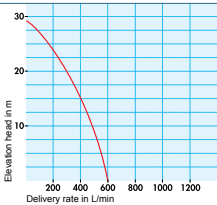
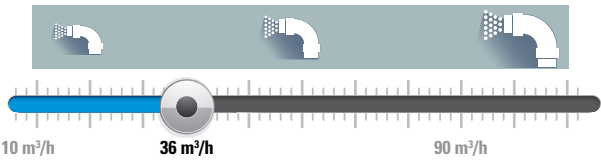
OUR SELECTION

ST 2.36 H



- Flow: 36 m³/h
- Elevation head: 29 m
- HONDA® GX 120 engine
- Maximum pressure: 2.9 bar

Suggested use*:
perfect for irrigation or draining swimming pools.

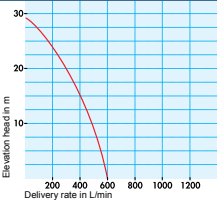
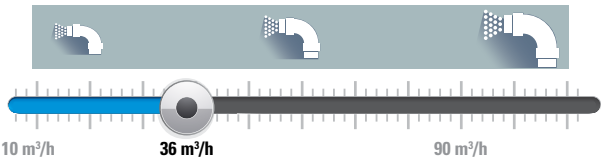


TR 2.36H



- Flow: 36 m³/h
- Elevation head: 29 m
- HONDA® GX 120 engine
- Maximum pressure: 2.6 bar

Suggested use*:
perfect for pumping out a cellar.

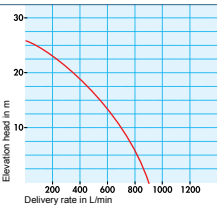
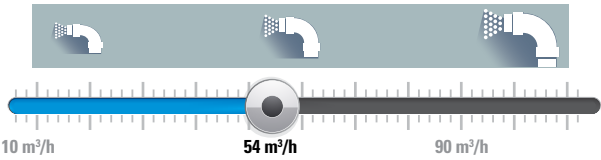


TR 3.60 H



- Flow: 54 m³/h
- Elevation head: 26 m
- HONDA® GX 160 engine
- Maximum pressure: 2.6 bar

Suggested use*:
perfect for pumping out muddy trenches on a work site.



AQUALINE INTENS

*Data provided as a guide.

WATER PUMPS

AQUALINE SPECIALIST

PERFORMANCE UNDER EXTREME CONDITIONS

PRODUCT BENEFITS

Increased durability and enhanced technical features

Thanks to the hose kit available as an option (see page 49), the HP 2.26 H high-pressure water pump can be used as an indispensable tool for fighting fires.

HP 2.26 H XT 3.78 H TRASH 3 TRASH 4



WATER PUMPS

TYPES	HP 2.26 H	XT 3.78 H	TRASH 3	TRASH 4
Fluid type	High-pressure	Water with very high levels of sediment	Water with very high levels of sediment	Water with very high levels of sediment
Fuel	Petrol	Petrol	Diesel	Diesel
Intake diameter (mm)	50	80	80	100
Max delivery rate (m³/h)	26.4	80.4	65	108
Elevation head (m)	57	27	25	17
Granulometry (mm)	8	27	20	20
Guaranteed level of sound power (Lwa) in dB(A)	108	110	110	108
Acoustic pressure at 7 m in dB(A)	77	80	81	78
Make	Honda®	Honda®	KOHLER®	KOHLER®
Type	GX 160	GX 240	KD350	KD 350
Autonomy (Hours)	3.4	2.7	4.3	4.3
Weight in kg	30	58	67	90

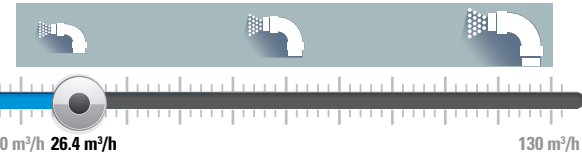
There is a range of options available for these water pumps; To view them, please turn to page 49.

OUR SELECTION

HP 2.26 H

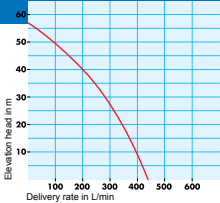
- Flow: 26.4 m³/h
- Elevation head: 57 m
- HONDA® GX 160 engine
- Maximum pressure: 5.7 bar

Suggested use*:
perfect for emergency fire-fighting or cleaning agricultural equipment.



PRODUCT BENEFITS

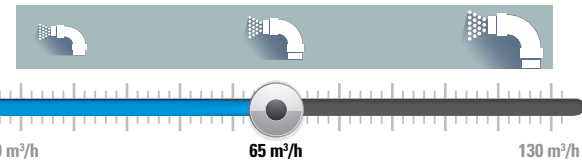
With a maximum pressure of approximately 6 bar, the HP 2.26 H can be used for high-pressure cleaning, such as farming vehicles; when teamed with the hose kit, it can also be used for fire-fighting.



TRASH 3

- Flow: 65 m³/h
- Elevation head: 25 m
- KOHLER® KD350 engine
- Maximum pressure: 2.6 bar

Suggested use*:
perfect for pumping out muddy trenches on a work site.

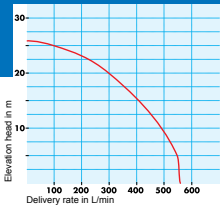


PRODUCT BENEFITS

Easy access to the turbine - no tools required.



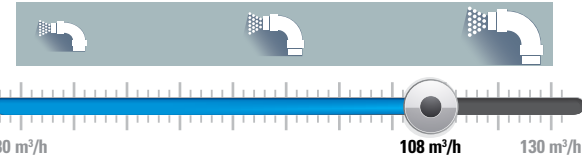
Water pump shown with its accessories



TRASH 4

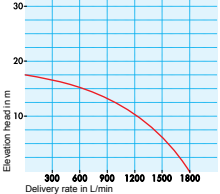
- Flow: 108 m³/h
- Elevation head: 17 m
- KOHLER® KD 350 engine
- Maximum pressure: 2.7 bar

Suggested use*:
perfect for pumping out muddy trenches on a work site.



PRODUCT BENEFITS

Equipped with a professional KOHLER® Diesel air-cooled engine.



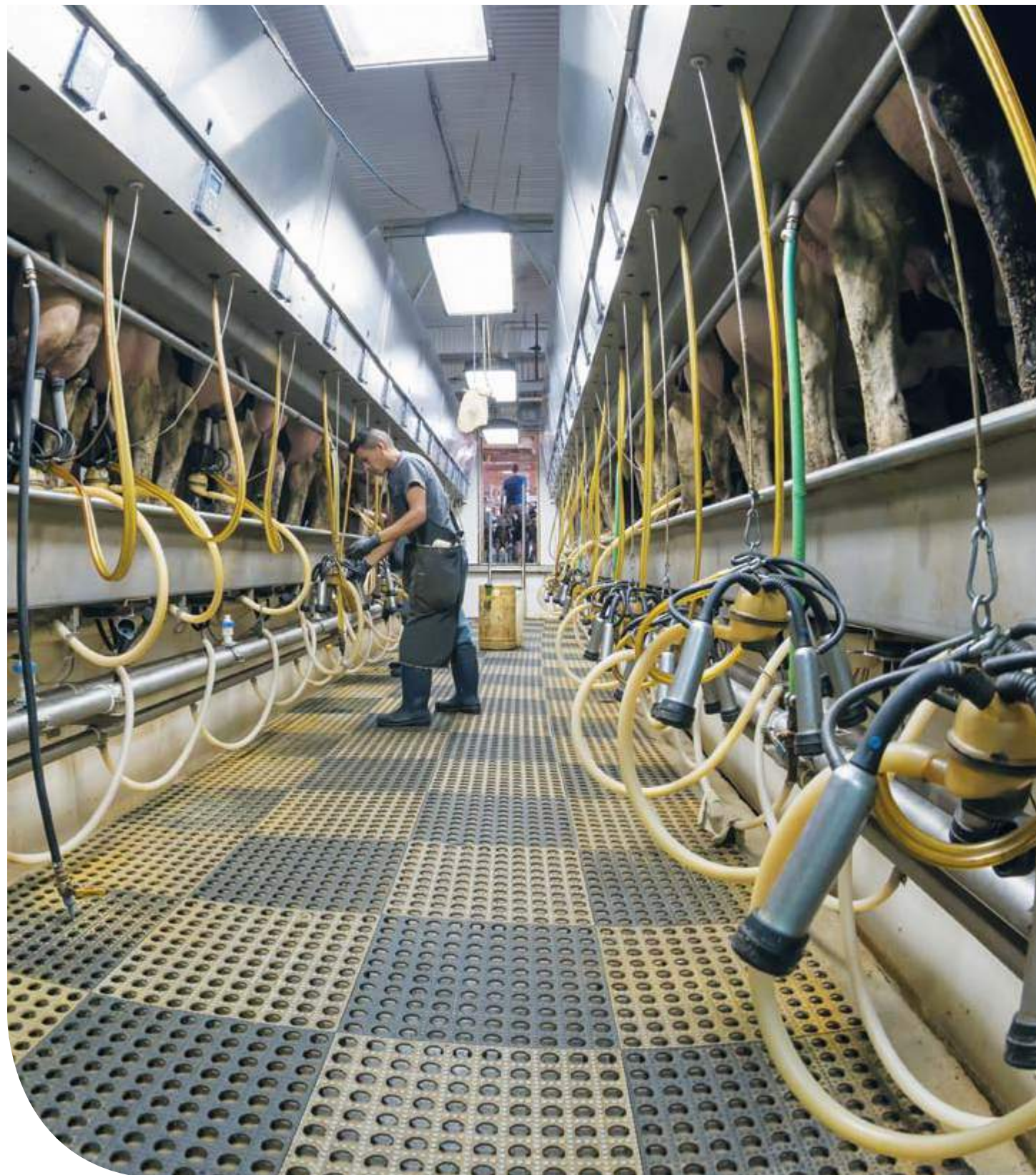
AQUALINE SPECIALIST

*Data provided as a guide.

POWER TAKE-OFF ALTERNATORS

Range:

42 AGRI



POWER TAKE-OFF ALTERNATORS BENEFITS AS STANDARD!

Practical and efficient, power take-off alternators are energy generators driven by a tractor's power take-off. Equipped with a robust base frame, power take-off alternators have a "three-point" hitch to ensure they are easy to install. They are also simple to use: alternator with control unit, speed multiplier with drive shaft protection device. Power take-off alternators also offer exceptional start-up capabilities, enabling them to meet the most exacting electrical power supply needs, with a high performance level and maximum reliability.

1 EASY TO TRANSPORT AND READY TO USE

The ready-to-use power take-off alternator means you can benefit from backup power which is easy to transport on your tractor.

2 ENERGY, WITHOUT THE NEED TO STORE ADDITIONAL FUEL

Produce electricity with your tractor: the multiplier transmits the mechanical force produced by the tractor at a given speed, and multiplies it to obtain the alternator's nominal speed. The type of multiplier depends on the generator's power in kVA.

3 LARGE OVERLOAD CAPACITY

- Permissible engine start-up capacity of 300% for 20 seconds, and 50% for 2 minutes. The power take-off alternator can accept an overload of 10% for 1 hour every 6 hours of service, known as the "Emergency service".
- AVR automatic voltage regulator electronically adjusts the voltage by +/- 1%, depending on the models.

4 MINIMAL MAINTENANCE

- No additional combustion engine requiring maintenance.
- Anti-rust paint.

5 TWO-YEAR WARRANTY (PARTS AND LABOR)



6 SIMPLE AND SAFE TO USE

- A straightforward, reliable, robust control unit, equipped with an IP54 certified electric panel. It includes:
 - three external power sockets for easy connection,
 - an adjustable three-phase differential integrated into the AGRIGEN and a bipolar circuit breaker for increased safety.



- AGRIGEN instrumentation and control



POWER TAKE-OFF
ALTERNATORS

AGRI

THE ENERGY
PRODUCTION
SOLUTION USING
THE TRACTOR'S
POWER TAKE-OFF

PRODUCT BENEFITS

AGRI GEN instrumentation and control

- Large backlit screen for optimum readability whatever the conditions. Screen protected by a plastic cover. Simple to use with two navigation keys.
- Checking of electrical measurements (voltage, frequency, kW, kVA).
- Stored statistics (max voltage, max frequency, etc.).
- Stored list of events (low frequency, etc.).
- Alarm for min and max voltage, min and max frequency, overload, short-circuit, etc.

AGRI 30 AVR

AGRI 42 AVR

AGRI 50 AVR

AGRI 63 AVR



POWER TAKE-OFF ALTERNATORS

TYPES		AGRI 30 AVR	AGRI 42 AVR	AGRI 50 AVR	AGRI 63 AVR
Product information	Engine speed	1500 rpm	1500 rpm	1500 rpm	1500 rpm
	PRP* 40°C (kVA)	30	42.5	50	63
	ESP** 27°C (kVA)	32.5	48	56	71
	AVR regulation	•	•	•	•
	Dimensions (l x w x h) in cm	117x92x112	117x92x112	117x92x112	117x92x112
	Weight in kg	235	320	360	398
Tractor information	Sockets ⁽¹⁾	P1ZI	P1ZI	P1ZJ	P1ZJ
	Input speed	430 rpm	420 rpm	420 rpm	420 rpm
	Tractor output (kW/HP)	31/41	41/55	52/70	63/85

There is a range of options available for these generating sets. To view them, please turn to pages 44 to 49.
(1) Refer to the description of the sockets on page 51.
• as standard.

*PRP: Prime power available continuously in variable load applications for an unlimited number of hours per year in accordance with ISO8528-1.
No overload available for this service.
**ESP: Emergency Standby Power available for supplying emergency power under variable load in accordance with ISO 8528-1, no overload available for this service.

OUR SELECTION

AGRI 30 AVR



- Continuous nominal power: 30 kVA - 400 V
- Standby power (1h every 6h): 30.5 kVA – 400 V
- AVR as standard

Suggested use*:
perfect for powering a milking parlor.



PRODUCT BENEFITS

Automatic voltage
regulation (AVR)
varying by +/- 1%

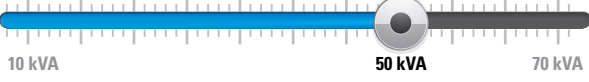


AGRI 50 AVR



- Continuous nominal power: 50 kVA – 400 V
- Standby power (1h every 6h): 52.5 kVA – 400 V
- AVR as standard

Suggested use*:
perfect for powering a milking parlor.



PRODUCT BENEFITS

Automatic voltage
regulation (AVR)
varying by +/- 1%

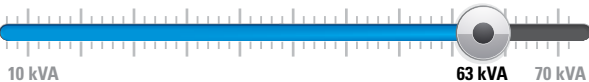


AGRI 63 AVR



- Continuous nominal power: 63 kVA – 400 V
- Standby power (1h every 6h): 65.5 kVA – 400 V
- AVR as standard

Suggested use*:
perfect for powering a milking parlor.



PRODUCT BENEFITS

Automatic voltage
regulation (AVR)
varying by +/- 1%

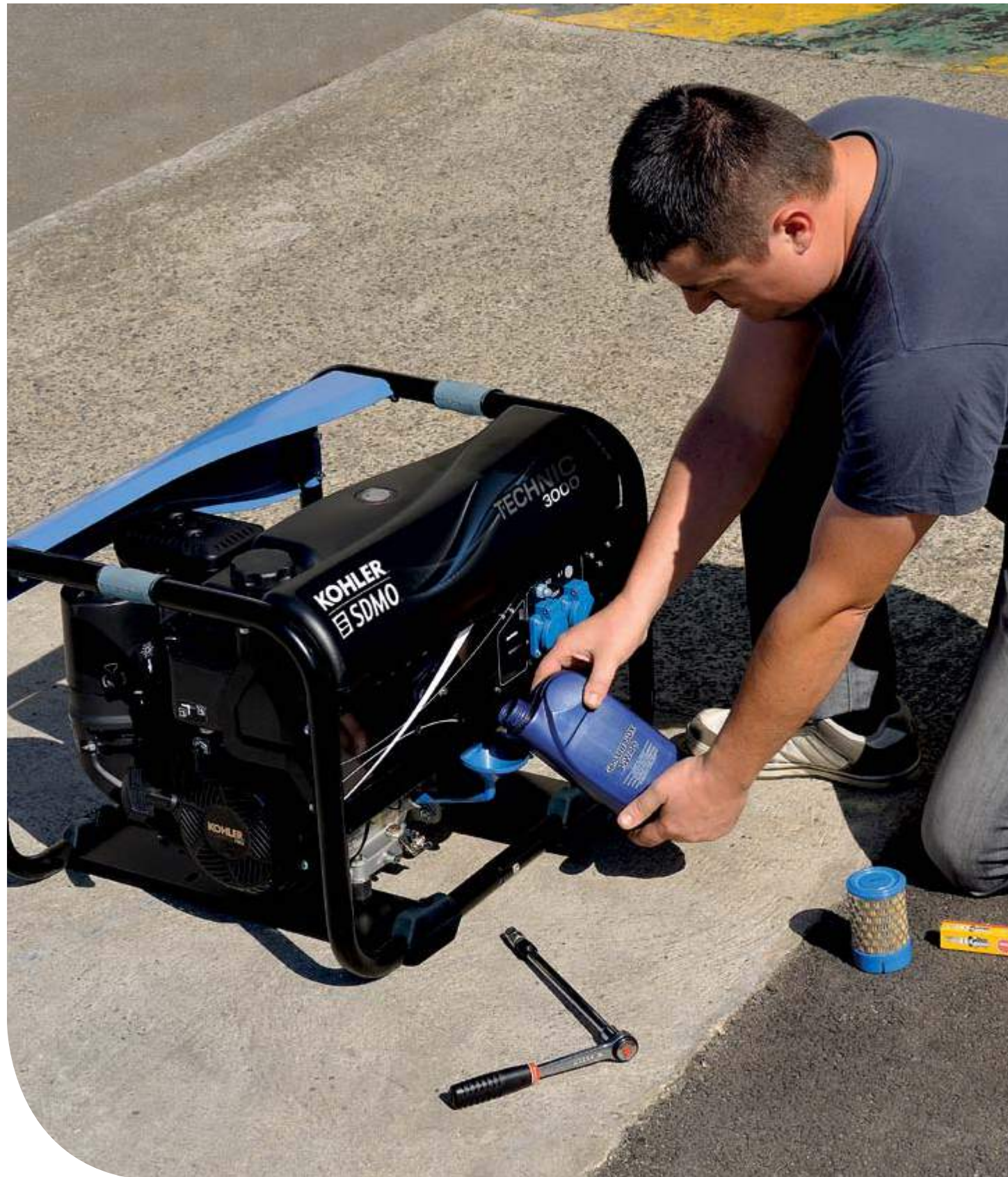


*Data provided as a guide.

AGRI

ACCESSORIES & OPTIONS

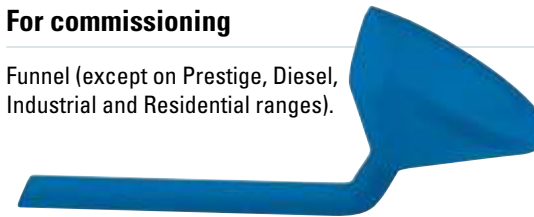
FOR GENERATING SETS AND WELDING SETS



ACCESSORIES SUPPLIED AS STANDARD

For commissioning

Funnel (except on Prestige, Diesel, Industrial and Residential ranges).



For handling

Trolley kit: 4 wheels mounted on a base frame on the PRO 3000 E Inverter.



For maintenance

Illustrated operating and maintenance manual.



For storage

Storage tray for storing tools.



Maintenance log

This document is specially designed to accompany the appliance from purchase throughout its service life. It can be used to note the maintenance steps, servicing operations and any breakdowns etc.



For safety

Differential protection on all generating sets in the Industrial range.

KOHLER-SDMO original spare parts

With 45,000 parts in stock and 30,000 available to order, based in premises spanning some 1700 m², 1200 m² of which are dedicated exclusively to storage and surface preparation, the KOHLER-SDMO Spare Parts Service ensures you can safeguard the future of your equipment.

The expertise of its 35 technicians and the efficiency of its parts identification tools mean your requirements can be defined quickly and accurately so that you can find the best parts or consumables for your equipment.

Backed by its reliable delivery partners, the KOHLER-SDMO Spare Parts Service is able to provide a responsive global supply of original, guaranteed KOHLER-SDMO spare parts.

Every day, 400 orders are dispatched all over the world, within a maximum delivery time of 72 hours.





BACKUP APPLICATION

GENERATING SET START MODE

Manual Starting up the generating set and manually switching the source. This provides some degree of flexibility: the genset is not exclusively used for back-up energy.

Manual source transfer switch

REF. R05M

The manual source transfer switch allows the generating set to be connected to a residence, for manual management of the electricity source in the event of a power cut or power return. In case of mains power outage, simply start up the generating set manually and switch the button on the control unit to the "Auxiliary Source" position (resistive current 63A) and it will power all the electrical installations in the home.

Accessory delivered separately



Remote control unit

REF. CA308

Separate unit with on/off button, generating set fault and operating indicator. Cable not provided.

Option factory-fitted only



COMMISSIONING THE INSTALLATION

REF. RMS/RESAMS

Comprising: checking compliance of the installation, monitoring of levels, start-up, off-load and on-load tests, customer instructions for residential generating set maintenance and servicing, commissioning acceptance confirmed by the technician and the customer. Contact the SDMO Industries sales department for a quote.

Automatic In the event of a mains outage, the automatic control unit sends a starting order to the generating set. As soon as the generating set is producing power, the control unit switches the power source using its source transfer switch. Similarly, when the control unit detects the mains power has returned, it switches back to this primary source and orders the generating set to stop. The differential protection option is required for EEC countries.

Automatic control units

REF. VERSO 50M 40A*

Single-phase 40A automatic source transfer switch on mains failure, for single-phase generating sets below 10 kW.

REF. VERSO 50M 100A*

Single-phase 100A automatic source transfer switch on mains failure, for single-phase generating sets of 10 kW and above.

REF. VERSO 50T 25A*

Three-phase 25A automatic source transfer switch on mains failure, for three-phase generating sets of 15 kW or below.

REF. VERSO 50T 40A*

Three-phase 40A automatic source transfer switch on mains failure, for three-phase generating sets above 15 kW.

* Includes battery charger - Requires a MODYS-equipped generating set. The differential protection option is required for EEC countries.

Accessories delivered separately

REF. VERSO M*/VERSO T*

Control unit for automatic start-up upon mains failure. In the event of a mains power cut, the automatic control unit sends a starting order to the generating set. As soon as the generating set is producing power, the control unit switches the power source using its source transfer switch. Similarly, when the control unit detects the mains power has returned, it switches back to this primary source and orders the generating set to stop. The differential protection option is required for EEC countries.

* Includes engine preheating, battery charger, mains/backup transfer switch

Option factory-fitted only

REF. RESINS-M AND RESINS-T (FOR RESIDENTIAL RANGE)

Automatic start-up upon 63A or 100A mains failure.

Accessories delivered separately for generating sets in the Residential range



REF. VERSO M*



REF. VERSO T*



SITE APPLICATION

HANDLING

Trolley kits

REF. R06

Trolley kit for 2- and 3-kW generating sets with a handle and puncture-proof tires (Ø 187 mm).

REF. RKB1HD

Trolley kit designed for gensets equipped with a Kohler engine of 6 kW or below with two handles and puncture-proof tires (Ø 300 mm).

REF. RKB2

Trolley kit designed for gensets equipped with a Kohler® engine above 6 kW with four handles and inflatable tires (Ø 300 mm).

REF. RKB3

Trolley kit with a handle and two puncture-proof tires (Ø 300 mm) for Diesel 6000 E SILENCE and Diesel 6500 TE SILENCE generating sets.

REF. RKB5

Trolley kit with a handle and two puncture-proof tires (Ø 300 mm) for Diesel 10000 E SILENCE and Diesel 15000 TE SILENCE generating sets.

Accessories delivered separately



REMOTE START

Wireless remote control

REF. RSTART2

Wireless remote control enabling the generating set to be switched on/off from a distance of 50 m*.

* Requires the installation of a APM202 instrumentation & control.

Accessory delivered separately



Road trailers

REF. R08B

Lightweight road trailer with fixed drawbar, for occasional use, compatible with the Industrial range. GVWR: < 750 kg with registration. Net weight of the trailer: 200 kg. Total dimensions (L x W x H): 2915 x 1546 x 1531 mm. Adjustable drawbar an option (please consult us).

REF. R08D

Lightweight road trailer with articulated braked drawbar. GVWR < 1000 kg with registration.



Net weight of the trailer: 190 kg. Dimensions with generating set (L x W x H): 3390 x 1520 x 1770 mm.

REF. R08E

Lightweight road trailer with articulated drawbar for Diesel 10000 E Silence and Diesel 15000 TE Silence generating sets. GVWR: < 500 kg without registration. Net weight of the trailer: 143 kg. Dimensions with generating set: 3000 x 1300 x 1400 mm.

Options factory-fitted only

Central lifting eye

REF. RLIFT/RLIFT1/RLIFT2

Central lifting eye.

Accessory delivered separately



ACCESSORIES AND COMMON OPTIONS

DIFFERENTIAL PROTECTION

REF. R01/R02/R03
This control unit includes the working hours counter and differential switch. Earth connection diagram with earthed neutral.

REF. RESDIFF (FOR RESIDENTIAL RANGE)
A device for protecting personnel and detecting leakage currents to earth from the electrical installation. It is fixed, and must be defined depending on the electrical installation, as 30 or 300 mA.

REF. R02B/R03B
Control unit including the three-phase tetrapolar (R03B) and single-phase bipolar (R02B) differential switches.

Options factory-fitted only

SAFETY

Earthing rod

REF. RPQ /RPQ1
For connecting your generating set, welding set or power take-off alternator to earth. Galvanized rod, 1 m in length, supplied with a 2 m cable (cross section 10 mm²) for the RPQ and a 10 m cable (cross section 25 mm²) for the RPQ1.

Accessory delivered separately

MAINTENANCE

Oil

REF. RBH0.5/RBH1
Box of 24 x 0.5 L cans of oil or 20 x 1 L cans of oil (SAE 15W40).

Accessory delivered separately

Protective cover

REF. RH0/RH1/RH2
Protective cover for general and winter storage.

Accessory delivered separately

Maintenance kits

REF. R18*
Maintenance kit for HONDA® GX 160 and GX 200 engines (excluding Alizé 3000 and water pumps).

REF. R19*
Maintenance kit for HONDA® GX 390 engines (excluding Alizé 6000E and Alizé 7500 TE).

REF. R33* Maintenance kit for HONDA® GX 270 engines.

REF. RYS2* Maintenance kit for Yamaha MZ80 engine.

REF. RYS3 Maintenance kit for Yamaha MZ175 engine, including oil, spark plug, air filter element and air filter.

REF. RKS1* Maintenance kit for KOHLER® CH 270 engine.

Maintenance kits

REF. RKSS2*
Maintenance kit for KOHLER® CH 395 and CH 440 engines.

REF. RKSS5**
Maintenance kit for KOHLER® CH 680 engine.

REF. RKDS1***
Maintenance kit for KOHLER® KD350E and KD440E (Diesel 6000 E XL C and Diesel 6500 TE XL C) engines.

* Each kit includes oil, spark plug and air filter.
** Each kit includes oil, spark plug, air filter and oil filter.
*** Each kit includes oil filter, fuel filter and air filter.

REF. RKDS2 Maintenance kit for KOHLER® KD15-440 engine (Diesel 6000 E Silence and Diesel 6500 TE Silence) including oil filter, fuel filter, fuel pre-filter and air filter.

REF. RKDS3*** Maintenance kit for KOHLER® KD425-2 engine.

ACCESSORIES AND DEDICATED OPTIONS

These accessories and options are only suitable for certain generating or welding sets.

Coupling cable

REF. RCC
Coupling cable used to connect two INVERTER PRO 2000 generating sets to obtain a total power of 3 kW. For INVERTER PRO 2000 only.

Accessory delivered separately

Differential protection

REF. RKD1
Set of 2 removable differential adaptors for domestic sockets. Earth connection diagram with insulated neutral. Non-removable solutions with working hours counter an option.

Accessory delivered separately

Welding kit

REF. R10
Comprises 2 x 5 m cables, 1 earth clamp, 1 electrode holder, 1 hammer, 1 brush, 1 screen.

Accessory delivered separately

Male plug kit

REF. RPM
Male plugs for all models including: 2 x 16 A/230 V plugs, 1 x CEE17 plug: 16 A/230 V, 1 x 32 A/230 V plugs and 1 x 16 A/400 V plug.

Accessory delivered separately

Storage tray

REF. RBAC
Removable storage tray.

Adaptor for industrial sockets

REF. RAP
The adaptor for industrial sockets is used to connect 230-V appliances to the industrial socket.



ACCESSORIES AND OPTIONS FOR WATER PUMPS

These accessories and options are specially designed for water pumps.

Pipe kit

REF. R11/R12
For 2" and 3" water pumps with 5 m reinforced PVC intake pipe + 25 m flat PVC discharge pipe.

REF. R16
For 1" water pumps with 5 m reinforced PVC intake pipe + 10 m flat PVC discharge pipe.

REF. R21
For 4" water pumps with 5 m reinforced PVC intake pipe + 25 m flat PVC discharge pipe.

Accessories delivered separately

Quick-release connections

REF. R13/R14
Quick-release connections for coupling 2" and 3" water pumps.

Accessories delivered separately

Hose kits

REF. R09
For HP 2.26 H pump unit including 2 pump fittings, 25 m discharge pipe, 5 m intake pipe and a fire hose (with jet, spray and stop functions).

Accessories delivered separately

Strainer and clamps

Accessories supplied as standard



ACCESSORIES AND OPTIONS FOR POWER TAKE-OFF ALTERNATORS

Manual source transfer switch

REF. VERS010TG3
REF. VERS010T100
The 63 A and 100 A three-phase manual source transfer switch is used to connect a power take-off alternator from the tractor to a building and manually manage the power source in the event of mains outage and return.

Accessory delivered separately

Universal drive shaft

REF. CARDAN33 **REF. CARDAN87**
Freewheel universal drive shaft.

Accessory supplied separately

Male plug

REF. FM63A/FM125A
63A or 125A - 400V male plug.

Accessory delivered separately

GENERATING SETS

TECHNICAL SPECIFICATIONS

SINGLE-PHASE GENERATING SETS

Range	Name	Qualigen	Fuel	Max LTP (kW) ⁽¹⁾	Alternator type	Fuel tank (L)	Autonomy at 75% (h) ⁽¹⁾	Guaranteed level of sound power (Lwa) in dB(A)	Acoustic pressure at 7 m in dB(A)	Engine				Dimensions in cm			Weight in kg	Options ⁽³⁾										Socket code ⁽²⁾					
										standard	Type	Electric starter	HP at 3600 rpm	L	W	H		Differential protection		Automatic starting	Commissioning	APM202 Instrumentation and control	Trolley kit	Road trailer	Cover	Maintenance kit	Storage tray		Lifting eye				
																		factory-fitted	removable														
INTENS	HX 3000	yes	Pet.	3	standard	3.1	2.4	95	66	Honda	GX200	no	5.5	59	46	43	41	R01	RKD1	-	-	-	-	-	R06	-	RHO	R18	-	-	-	P1L	
	HX 3000 C	no	Pet.	3	standard	3.1	2.4	98	69	Honda	GX200	no	5.5	59	46	43	41	R01	RKD1	-	-	-	-	-	R06	-	RHO	-	-	-	-	P1L	
	HX 4000	yes	Pet.	4	standard	5.3	2.5	95	67	Honda	GX270	no	8.4	71.5	57	49	56	R01	RKD1	-	-	-	-	-	RKB2	-	RH1	R33	-	-	-	P1L	
	HX 4000 C	no	Pet.	4	standard	5.3	2.5	102	72	Honda	GX270	no	8.4	71.5	57	49	56	R01	RKD1	-	-	-	-	-	RKB2	-	RH1	-	-	-	-	P1L	
	HX 6000	yes	Pet.	6	standard	6.1	2.4	97	68	Honda	GX390	no	11.7	77	57	59	79	R02	-	-	-	-	-	-	RKB2	-	RH1	R19	-	-	-	P1H	
	HX 6000 C	no	Pet.	6	standard	6.1	2.4	100	72	Honda	GX390	no	11.7	71.5	57	59	75	R02	-	-	-	-	-	-	RKB2	-	RH1	-	-	-	-	P1H	
PERFORM	PERFORM 3000	yes	Pet.	3	standard	4.1	3.2	96	67	Kohler®	CH270	no	6	65	51	46	45	R01	RKD1	-	-	-	-	-	RKB1HD	-	RHO	RKS1	RBAC	RLIFT1	P1L		
	PERFORM 4500	yes	Pet.	4.2	standard	7.3	3.5	96	68	Kohler®	CH395	no	8.5	71	55.5	49	61.5	R01	RKD1	-	-	-	-	-	RKB1HD	-	RH1	RKS2	-	RLIFT	P1L		
	PERFORM 6500	yes	Pet.	6.5	larger	7.3	2.8	97	69	Kohler®	CH440	no	11.9	81	55.5	59	85.5	R02	-	-	-	-	-	-	RKB1HD	-	RH1	RKS2	RBAC	RLIFT2	P1H		
	PERFORM 3000 GAS	yes	LPG	2.4	standard	-	-	96	68	Kohler®	CH270	no	6	65	51	46	46.5	R01	RKD1	-	-	-	-	-	-	RKB1HD	-	RHO	RKS1	RBAC	RLIFT1	P1L	
	PERFORM 4500 GAS	yes	LPG	3.9	standard	-	-	97	69	Kohler®	CH395	no	8.5	71	55.5	49	63	R01	RKD1	-	-	-	-	-	-	RKB1HD	-	RH1	RKS2	-	RLIFT	P1L	
	PERFORM 6500 GAS	yes	LPG	5.8	larger	-	-	97	69	Kohler®	CH440	no	11.9	81	55.5	59	87	R02	-	-	-	-	-	-	-	RKB1HD	-	RH1	RKS2	RBAC	RLIFT2	P1H	
PERFORM XL	PERFORM 3000 XL	yes	Pet.	3	standard	13	10	95	67	Kohler®	CH270	no	6	65	51	46	46.5	R01	RKD1	-	-	-	-	-	-	RKB1HD	-	RHO	RKS1	-	RLIFT1	P1L	
	PERFORM 4500 XL	yes	Pet.	4.2	standard	18	10.6	97	68	Kohler®	CH395	no	8.5	81	55.5	59	66.5	R01	RKD1	-	-	-	-	-	-	RKB1HD	-	RH1	RKS2	-	RLIFT	P1L	
	PERFORM 4500 XL AVR	yes	Pet.	4.2	AVR	18	10.6	97	68	Kohler®	CH395	no	8.5	81	55.5	59	66.5	R01	RKD1	-	-	-	-	-	-	RKB1HD	-	RH1	RKS2	-	RLIFT	P1L	
	PERFORM 6500 XL	yes	Pet.	6.5	larger	18	6.9	97	69	Kohler®	CH440	no	11.9	81	55.5	59	87	R02	-	-	-	-	-	-	-	RKB1HD	-	RH1	RKS2	-	RLIFT2	P1H	
TECHNIC	TECHNIC 6500 E	yes	Pet.	6.5	larger	18	6.9	97	69	Kohler®	CH440E	yes	11.9	81	55.5	59	95	R02B	-	-	-	-	-	-	-	RKB1HD	-	RH1	RKS2	-	RLIFT2	P1ZA	
	TECHNIC 6500 E AVR	yes	Pet.	6.5	AVR	18	6.9	97	69	Kohler®	CH440E	yes	11.9	81	55.5	59	101	R02B	-	-	-	-	-	-	-	RKB1HD	-	RH1	RKS2	-	RLIFT2	P1ZA	
	TECHNIC 6500 E AVR M	yes	Pet.	6.5	AVR	18	6.9	97	69	Kohler®	CH440E	yes	11.9	81	55.5	59	101	R02B	-	-	VERSO 50	RMS	•	•	RKB1HD	-	RH1	RKS2	-	RLIFT2	P1ZA		
	TECHNIC 10000 E	no	Pet.	10.5	larger	33	7	97	69	Kohler®	CH680	yes	22.5	89.5	57	77	167	R02B	-	-	VERSO 50	RMS	•	•	RKB2	-	RH2	RKS5	-	-	-	P1ZD	
	TECHNIC 10000 E AVR	no	Pet.	10.5	AVR	33	7	97	69	Kohler®	CH680	yes	22.5	89.5	57	77	167	R02B	-	-	VERSO 50	RMS	•	•	RKB2	-	RH2	RKS5	-	-	-	P1ZD	
PRESTIGE	INVERTER PRO 2000	yes	Pet.	2	Inverter	4.2	4.7	89	60	Yamaha	MZ80	no	-	49	28	44.5	21	-	RKD1	-	-	-	-	-	-	-	-	-	-	-	-	P1ZB	
	INVERTER PRO 3000 E Prindus	yes	Pet.	3	Inverter	13	10	88	59	Yamaha	MZ175	yes	-	68	44.5	55.5	68	-	-	-	-	-	-	-	Δ	-	-	-	-	-	-	P2P	
	PRESTIGE 3000	yes	Pet.	2.8	standard	12	9.2	94	65	Kohler®	CH270	no	6	57	45	46	50	-	-	-	-	-	-	-	-	R06	-	RHO	R30	-	-	-	P1L
DIESEL	DIESEL 4000 C	no	diesel	3.4	standard	4.3	4.8	108	78	Kohler®	KD350	no	7	81	55.5	59	70	R01	RKD1	-	-	-	-	-	-	RKB1HD	-	RH1	RKDS1	RBAC	-	-	P1L
	DIESEL 4000 E XL C	no	diesel	3.4	standard	16	17.8	108	78	Kohler®	KD350E	yes	7	81	55.5	59	84	R01	RKD1	-	-	-	-	-	-	RKB1HD	-	RH1	RKDS1	RBAC	-	-	P1L
	DIESEL 6000 E XL C	no	diesel	5.2	standard	16	13.3	108	79	Kohler®	KD15-440	yes	9.8	81	55.5	59	103	R02	-	-	-	-	-	-	-	RKB1HD	-	RH1	RKDS1	RBAC	-	-	P1H
	DIESEL 6000 E XL C M	no	diesel	5.2	standard	16	13.3	108	79	Kohler®	KD15-440	yes	9.8	81	55.5	59	103	R02	-	-	VERSO 50	RMS	•	•	RKB1HD	-	RH1	RKDS1	RBAC	-	-	P1H	
	DIESEL 10000 E XL C	no	diesel	9	larger	35	16.7	109	80	Kohler®	KD425-2	yes	19	89.5	57	77	162	R02B	-	-	VERSO 50	RMS	•	•	RKB2	-	RH2	RKDS3	-	-	-	P1ZD	
DIESEL Silence	DIESEL 6000 E SILENCE	yes	diesel	5.2	standard	27	22.5	88	59	Kohler®	KD15-440	yes	9.8	99	61.5	96	198	R02B	-	-	VERSO 50	RMS	•	•	RKB3	-	-	RKDS2	-	-	-	P1ZD	
	DIESEL 6000 E SILENCE AVR	yes	diesel	5.2	AVR	27	22.5	88	59	Kohler®	KD15-440	yes	9.8	99	61.5	96	198	R02B	-	-	VERSO 50	RMS	•	•	RKB3	-	-	RKDS2	-	-	-	P1ZD	
	DIESEL 10000 E SILENCE	yes	diesel	9	larger	27	12.9	97	68	Kohler®	KD425-2	yes	19	118.3	67.3	96	269	R02B	-	-	VERSO 50	RMS	•	•	RKB5	R08E	-	RKDS3	-	-	-	P1ZD	
	DIESEL 1000 E SILENCE AVR	yes	diesel	9	AVR	27	12.9	97	68	Kohler®	KD425-2	yes	19	118.3	67.3	96	269	R02B	-	-	VERSO 50	RMS	•	•	RKB5	R08E	-	RKDS3	-	-	-	P1ZD	

THREE-PHASE GENERATING SETS

Range	Name	Qualigen	Fuel	Max LTP			Alternator type	Fuel tank (L)	Autonomy at 75% (h) ⁽¹⁾			Guaranteed level of sound power (Lwa) in dB(A)			Acoustic pressure at 7 m in dB(A)			Engine				Dimensions in cm				Weight in kg	Options ⁽³⁾										Socket code ⁽²⁾
				kW 3-ph 400V ⁽¹⁾	kVA ⁽¹⁾				Max LTP (kW 1-ph 230V) ⁽¹⁾	Make	Type	Electric starter	HP at 3000 rpm	L	W	H	Differential protection (factory fitted)	Automatic starting	Commissioning	APM202 Instrumentation and control	Trolley kit	Road trailer	Cover	Maintenance kit	Storage tray		Lifting eye										
INTENS	HX 7500 T	yes	Pet.	6	7.5	1.3	standard	6.1	2.4	97	69	Honda	GX390	no	11.7	77	57	59	80	R03	-	-	-	RKB2	-	RH1	R19	-	-	-	P1J						
PERFORM	HX 7500 T C	no	Pet.	6	7.5	1.3	standard	6.1	2.4	100	72	Honda	GX390	no	11.7	71.5	57	59	76	R03	-	-	-	RKB2	-	RH1	-	-	-	-	P1J						
	PERFORM 5500 T	yes	Pet.	4.5	5.6	1.3	larger	7.3	3.5	97	68	Kohler®	CH395	no	8.5	71	55.5	49	73.5	R03	-	-	-	RKB1HD	-	RH1	RKS2	-	-	RLIFT	P1J						
PERFORM XL	PERFORM 7500 T	yes	Pet.	6.5	8.1	2.3	larger	7.3	2.8	97	69	Kohler®	CH440	no	11.9	81	55.5	59	93.5	R03	-	-	-	RKB1HD	-	RH1	RKS2	RBAC	RLIFT2	P1J							
	PERFORM 5500 T XL	yes	Pet.	4.5	5.6	1.3	larger	18	10.6	97	68	Kohler®	CH395	no	8.5	81	55.5	59	76.5	R03	-	-	-	RKB1HD	-	RH1	RKS2	-	RLIFT2	P1J							
TECHNIC	PERFORM 7500 T XL	yes	Pet.	6.5	8.1	2.3	larger	18	6.9	97	69	Kohler®	CH440	no	11.9	81	55.5	59	94.5	R03	-	-	-	RKB1HD	-	RH1	RKS2	-	RLIFT2	P1J							
	TECHNIC 7500 T AVR IP54	yes	Pet.	6.5	8.1	2.3	AVR	18	6.9	97	69	Kohler®	CH440	no	11.9	81	55.5	59	97	R03B	-	-	-	RKB1HD	-	RH1	RKS2	-	RLIFT2	P1I							
	TECHNIC 7500 TE	yes	Pet.	6.5	8.1	2.3	larger	18	6.9	97	69	Kohler®	CH440E	yes	11.9	81	55.5	59	108.5	R03B	-	-	-	RKB1HD	-	RH1	RKS2	-	RLIFT2	P1I							
	TECHNIC 7500 TE AVR	yes	Pet.	6.5	8.1	2.3	AVR	18	6.9	97	69	Kohler®	CH440E	yes	11.9	81	55.5	59	108.5	R03B	-	-	-	RKB1HD	-	RH1	RKS2	-	RLIFT2	P1I							
	TECHNIC 7500 TE AVR M	yes	Pet.	6.5	8.1	2.3	AVR	18	6.9	97	69	Kohler®	CH440E	yes	11.9	81	55.5	59	102	R03B	VERSO 50	RMS	•	RKB1HD	-	RH1	RKS2	-	RLIFT2	P1I							
	TECHNIC 15000 TE	yes	Pet.	11.5	14.4	3.7	larger	33	7	97	69	Kohler®	CH680	yes	22.5	89.5	57	77	196	R03B	VERSO 50	RMS	•	RKB2	-	RH2	RKS5	-	-	-	P1ZE						
	TECHNIC 15000 TE AVR	yes	Pet.	11.5	14.4	3.7	AVR	33	7	97	69	Kohler®	CH680	yes	22.5	89.5	57	77	193	R03B	VERSO 50	RMS	•	RKB2	-	RH2	RKS5	-	-	-	P1ZE						
	TECHNIC 20000 TE AVR C	no	Pet.	15.2	19	3.7	AVR	35	6.3	104	74	Kohler®	CH940	yes	34	94.5	57	90	188	R03B	VERSO 50	RMS	•	RKB2	-	-	-	-	-	-	P1Z						
DIESEL	DIESEL 6500 TE XL C	no	diesel	5.2	6.5	2.3	standard	16	13.3	108	79	Kohler®	KD15-440	yes	9.8	81	55.5	59	108	R03	-	-	-	RKB1HD	-	RH1	RKDS1	RBAC	-	-	P1J						
	DIESEL 6500 TE XL C M	no	diesel	5.2	6.5	2.3	standard	16	13.3	108	79	Kohler®	KD15-440	yes	9.8	81	55.5	59	108	R03	VERSO 50	RMS	•	RKB1HD	-	RH1	RKDS1	RBAC	-	-	P1J						
	DIESEL 15000 TE XL C	no	diesel	10	12.5	3.7	larger	35	16.7	109	80	Kohler®	KD425-2	yes	19	89.5	57	77	169	R03B	VERSO 50	RMS	•	RKB2	-	RH2	RKDS3	-	-	-	P1ZE						
	DIESEL 20000 TE XL AVR C	no	diesel	15.2	19	3.7	AVR	35	9.2	110	81	Kohler®	KD625-2	yes	22.1	118.4	66	93	311	R03B	VERSO 50	RMS	•	-	-	-	-	-	-	-	P1ZH						
DIESEL Silence	DIESEL 6500 TE Silence	yes	diesel	5.2	6.5	2.3	larger	27	22.5	88	59	Kohler®	KD15-440	yes	9.8	99	61.5	96	215.5	R03B	VERSO 50	RMS	•	RKB3	-	-	RKDS2	-	-	-	P1ZE						
	DIESEL 6500 TE Silence AVR	yes	diesel	5.2	6.5	2.3	AVR	27	22.5	88	59	Kohler®	KD15-440	yes	9.8	99	61.5	96	215.5	R03B	VERSO 50	RMS	•	RKB3	-	-	RKDS2	-	-	-	P1ZE						
	DIESEL 15000 TE Silence	yes	diesel	10	12.5	3.7	larger	27	12.9	97	67	Kohler®	KD425-2	yes	19	118.3	67.3	96	275	R03B	VERSO 50	RMS	•	RKB5	R08E	-	RKDS3	-	-	-	P1ZE						
	DIESEL 15000 TE Silence AVR	yes	diesel	10	12.5	3.7	AVR	27	12.9	97	67	Kohler®	KD425-2	yes	19	118.3	67.3	96	275	R03B	VERSO 50	RMS	•	RKB5	R08E	-	RKDS3	-	-	-	P1ZE						

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