

K & S Könner
& Söhnen

MACHINERY

FOR PROFESSIONALS AND OTHERS

20/21

TRADITIONELLE DEUTSCHE QUALITÄT



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DIMAX INT. GMBH OFFER

Dimax International GmbH (Germany) is grateful for your cooperation and interest in products from TM "Könner & Söhne"! We cordially invite you to familiarize yourself with our updated range of products for autumn / winter season 2020/2021.

This season, we have significantly expanded our range of garden equipment and currently offer log splitters (gasoline and electric of hydraulic and kinetic types) and wood chippers shredders to our customers. Moreover, we have expanded the range of motor pumps with models for heavily contaminated water and aggressive liquids. To meet the needs of our customers, we have updated the model of our all-weather multifunction machine. The machine currently has both manual and electric start, and its attachments can easily be changed in a matter of seconds. In addition, we have made a number of improvements to the range of inverter generators by improving their design and starting system.

Due to our customers' growing interest in more affordable products, we have added new items to the TM "K&S BASIC" line: inverter generators and garden equipment (log splitter and wood chipper shredder).

Taking into account our customers' needs, we have expanded the accessories of TM "Könner & Söhne" with such popular products as extension cords on a reel and socket adapters. These products greatly facilitate the use of electrical appliances with or without a generator.



Competitive strengths

11 REASONS WHY PEOPLE TRUST US

- Wide range of generators for every need
- European quality certificates including the latest standard of emission EURO V
- Pre-delivery inspection and after-sales support
- Production control at each stage
- International two-year warranty
- Availability of products in stock
- Own service centers
- Awards at regional and international competitions
- Shortest delivery time throughout the country
- Professional advice and service support in terms of model selection
- TM Könner & Söhnen gasoline generators are the best quality/price ratio



PRODUCTS OF „KÖNNER & SÖHNEN“ TM WON THE PRESTIGIOUS GERMAN PLUS X AWARD IN THREE NOMINATIONS:

- High Quality
- Ease of Use
- Functionality



Gasoline generators

FOR EVERY NEED



K&S engines
(EURO-V)



Easy and convenient
start system



Connecting consumers
230V and 400V

Gasoline generators from TM Könner & Söhne are modern, high-quality equipment that is used in multiple areas as a reliable backup power source. All gasoline generators are equipped with robust and cost-effective gasoline powered air-cooled four-stroke engines, a synchronous type alternator with copper winding and an intelligent automatic voltage regulator (AVR).

The range of gasoline generators comprises 2.6 kW - 15.6 kVA models with manual, electric and automatic start for single- and three-phase mains, equipped with a multifunctional LED-display, automatic circuit breakers for overload and low oil level.



TRADITIONELLE DEUTSCHE QUALITÄT

Gasoline generators

ONE-CYLINDER

TM Könner & Söhne engines are reliable, high-performance and cost-effective, and conform to European quality standards, including the latest Euro V emission standard.



2.6 – 8.0 kW

Generator power



230V/400V

Voltage



7.0 – 18.0 HP

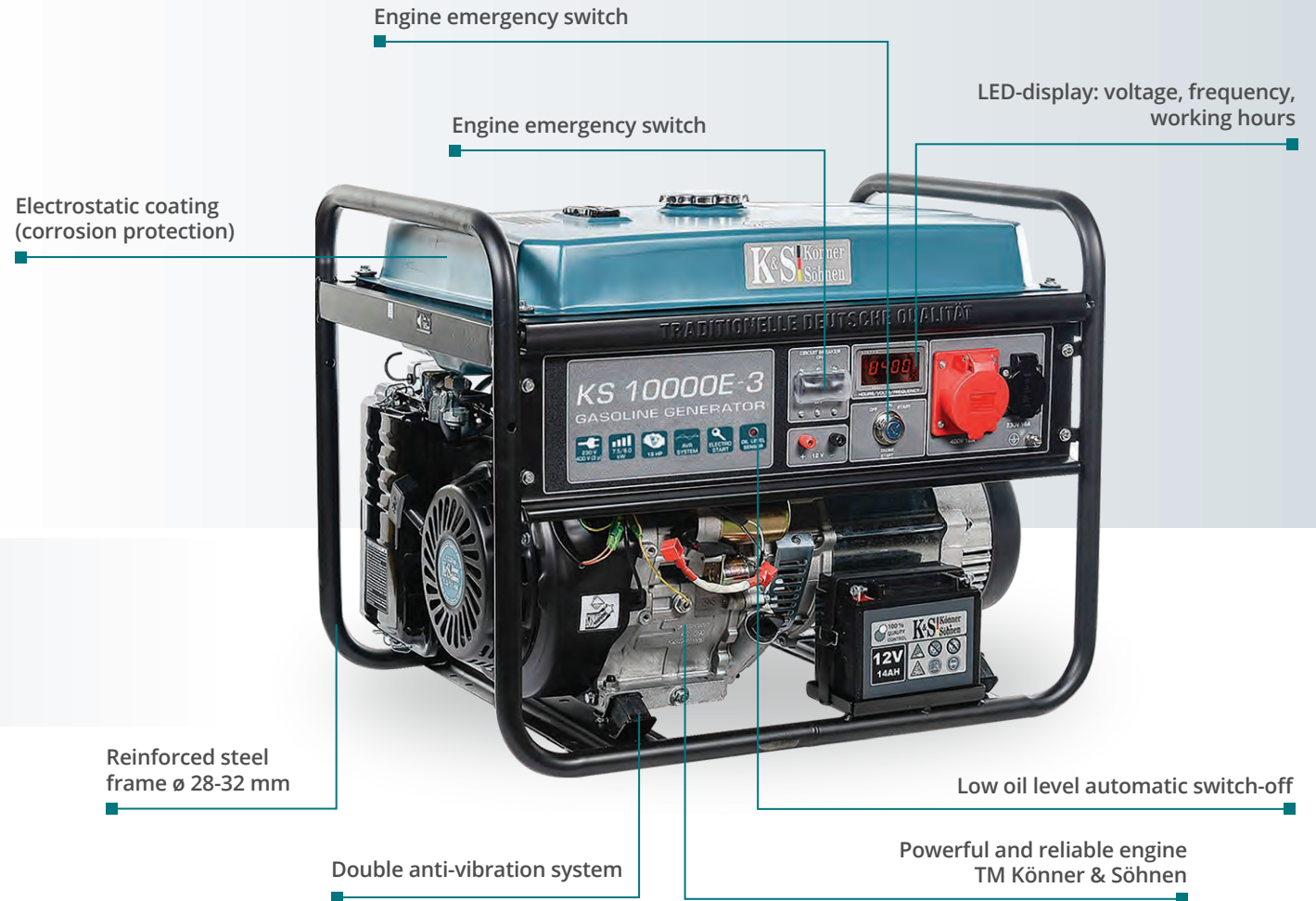
Engine power

MANUAL/ELECTRO ENGINE START



* KS 10000E series models (single-phase) have the possibility of welding inverter connection with maximum current up to 200 A.

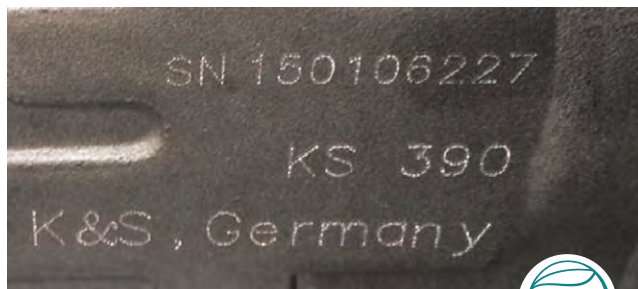
** Generator can be connected to the solar charge controller.



TRADITIONELLE DEUTSCHE QUALITÄT

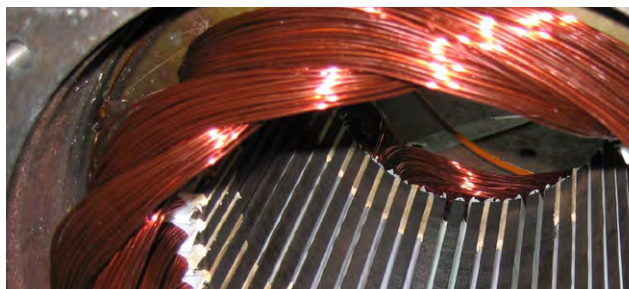
Gasoline generators

ONE-CYLINDER



RELIABLE BRANDED ENGINES

TM Könner & Söhne engines are reliable, high-performance and cost-effective, and conform to European quality standards. Each engine has a corporate K&S stamp and an individual serial number in order to ensure the quality control of manufacture and after-sales service



ALTERNATOR WITH 100% COPPER WINDING

TM Könner & Söhne generators are equipped with a high-end synchronous alternator with 100% copper winding. It is only the copper winding that can withstand maximum loads without any damage to ensure long-term reliable operation of the generator set.



USER-FRIENDLY ERGONOMIC CONTROL PANEL

The ergonomic generator control panel allows easy operation thanks to the convenient location of all functions: modern LEDdisplay (hour meter, frequency, voltage), electric start (optional), overload circuit breaker, low oil level sensor, sockets, grounding connector, terminals, etc.



DOUBLE ANTI-VIBRATION SYSTEM

TM Könner & Söhne generators are equipped with a double antivibration system to ensure noise reduction and extend the service life of the generator. Engines are mounted on top-notch rubber bearings. The reinforced steel frame has optional rubber mounts for protection against sliding, corrosion, and vibration.



Gasoline generators

ONE-CYLINDER



KS 3000 KS 3000E

Max power **3.0 kW**
 Nominal power **2.6 kW**
 Voltage **230V**
 Engine start **manual / electro**



KS 7000 KS 7000E KS 7000E-3

Max power **5.5 kW**
 Nominal power **5.0 kW**
 Voltage **230V, 400V**
 Engine start **manual / electro**



KS 10000E KS 10000E-3

Max power **8.0 kW**
 Nominal power **7.5 kW**
 Voltage **230V, 400V**
 Engine start **manual / electro**



TRADITIONELLE DEUTSCHE QUALITÄT

Gasoline generators

ONE-CYLINDER



KS 3000
230V | 50Hz



KS 3000E
230V | 50Hz



KS 7000
230V | 50Hz

Max power, kW	3.0	3.0	5.5
Nominal power, kW	2.6	2.6	5.0
Current, A (max)	13.04	13.04	23.91
Outlets	2x16A	2x16A	1x16A,1x32A
Fuel tank volume, l	15	15	25
50% power working time	15	15	17
LED display	voltage, frequency, working hours		
Noise level Lpa (7m)/Lwa, dB	68/93	68/93	70/95
Power output DC, V/A	12/8.3	12/8.3	12/8.3
Engine model	KS 210	KS 210	KS 390
Engine type	gasoline powered one-cylinder, four-stroke air-cooled		
Engine power hp/kW	7.0/5.15	7.0/5.15	13.0/9.56
Crank case volume, cm ³	0.6	0.6	1.1
Engine cylinder volume, cm ³	208	208	389
Power output controller	intelligent voltage stabilization system AVR		
Engine start	manual	manual/electro	manual
Net dimensions (LxWxH), mm	580x430x440	580x430x440	680x545x550
Net/Gross weight, kg	41.5/43.6	46.1/47.5	69.2/71.6
Protection class	IP23M		

Gasoline generators

ONE-CYLINDER


KS 7000E
230V | 50Hz

KS 7000E-3
400V | 50Hz

KS 10000E
230V | 50Hz

KS 10000E-3
400V | 50Hz

Max power, kW	5.5	5.5	8.0	8.0
Nominal power, kW	5.0	5.0	7.5	7.5
Current, A (max)	23.91	9.93	34.78	14.45
Outlets	1x16A, 1x32A	1x16A (230V), 1x16A (400V)	1x16A, 1x32A	1x16A (230V), 1x16A (400V)
Fuel tank volume, l	25	25	25	25
50% power working time	17	17	15	15
LED display	voltage, frequency, working hours			
Noise level Lpa (7m)/Lwa, dB	70/95	70/95	71/96	71/96
Power output DC, V/A	12/8.3	12/8.3	12/8.3	12/8.3
Engine model	KS 390	KS 390	KS 440	KS 440
Engine type	gasoline powered one-cylinder, four-stroke air-cooled			
Engine power hp/kW	13.0/9.56	13.0/9.56	18.0/13.24	18.0/13.24
Crank case volume, cm ³	1.1	1.1	1.2	1.2
Engine cylinder volume, cm ³	389	389	440	440
Power output controller	intelligent voltage stabilization system AVR			
Engine start	manual/electro	manual/electro	manual/electro	manual/electro
Net dimensions (LxWxH), mm	680x545x550	680x545x550	680x545x550	680x545x550
Net/Gross weight, kg	76.2/78.6	80.8/83.2	85.5/87.9	88.0/90.4
Protection class	IP23M			

Gasoline generators **ATS**

WITH BUILT-IN ATS SYSTEM



Built-in ATS System



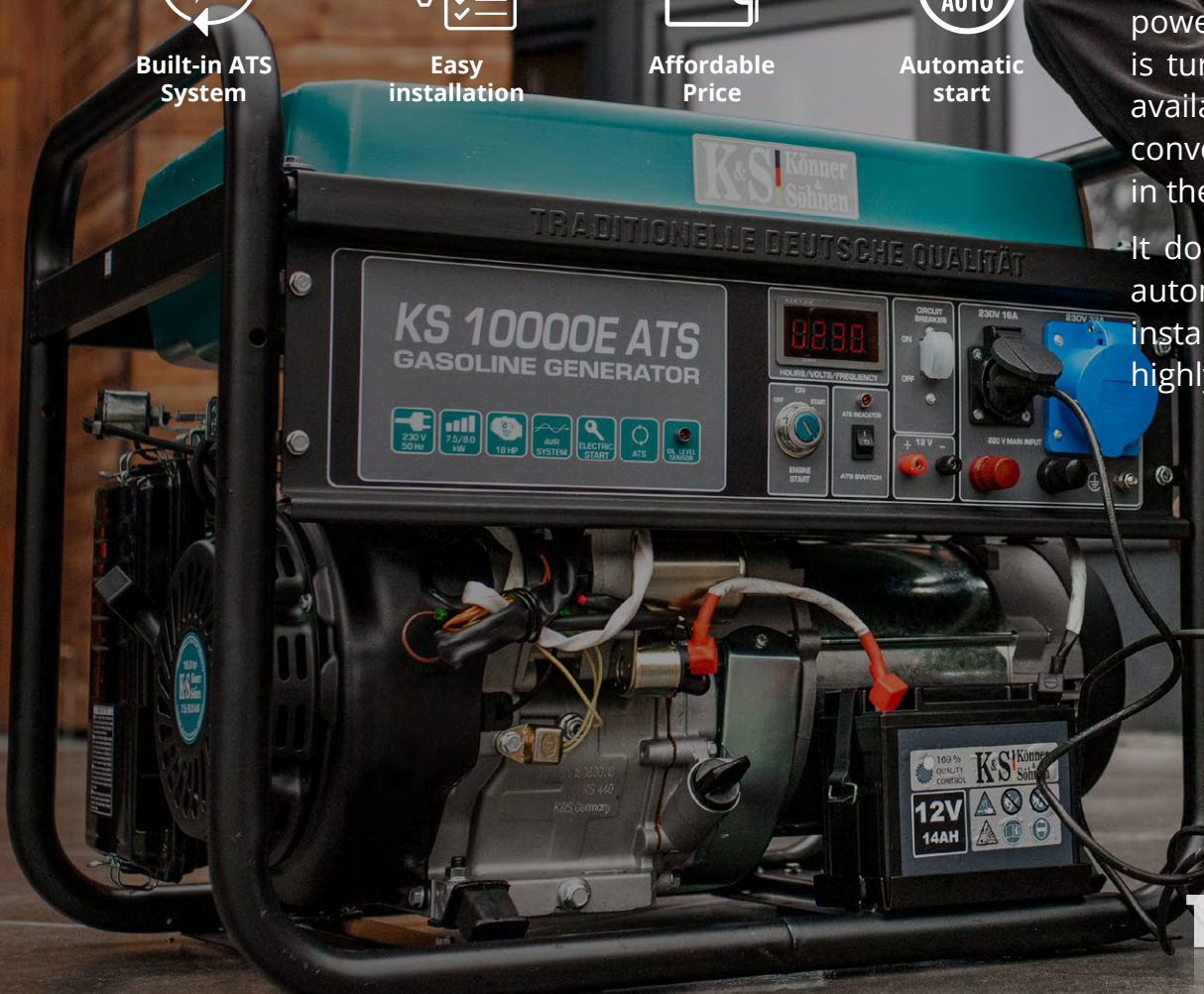
Easy installation



Affordable Price



Automatic start



One of the unique features of our generators is a built-in ATS (automatic transfer switch) unit. This unit allows generator to monitor central power availability and to automatically switch itself on when the light is turned off and then automatically switch off when the power is available again. The function becomes irreplaceable and extremely convenient in buildings with severe temperature or light conditions in the absence of personnel control.

It does not require any additional sophisticated equipment to run automatic reserve entry. ATS unit is already built into the generator, installation is as simple as possible and the cost of these models is highly affordable.



TRADITIONELLE DEUTSCHE QUALITÄT

Gasoline generators **ATS**

WITH BUILT-IN ATS SYSTEM

TM Könner & Söhne engines are reliable, high-performance and cost-effective, and conform to European quality standards, including the latest Euro V emission standard.



5.0 – 8.0 kW

Generator power



230V/400V

Voltage

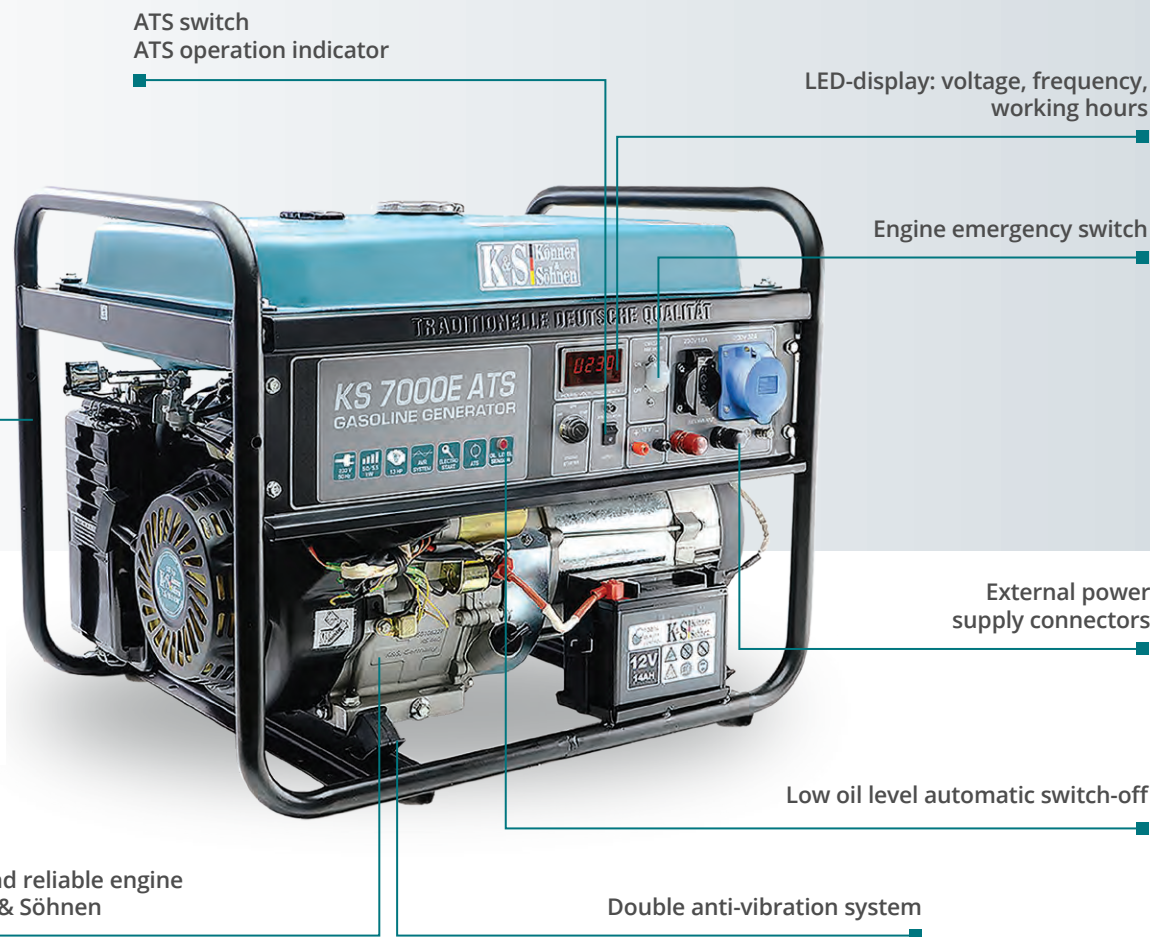


13.0 – 18.0 HP

Engine power

Reinforced steel frame ø 28-32 mm

MANUAL / ELECTRO / AUTO ENGINE START



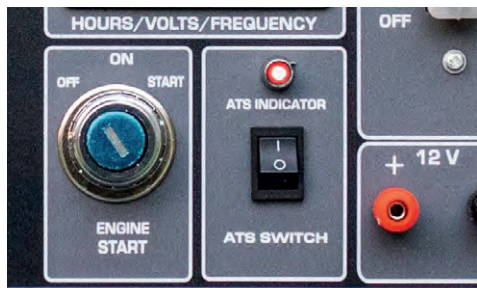
* KS 10000E series models (single-phase) have the possibility of welding inverter connection with maximum current up to 200 A.

** Generator can be connected to the solar charge controller.

TRADITIONELLE DEUTSCHE QUALITÄT

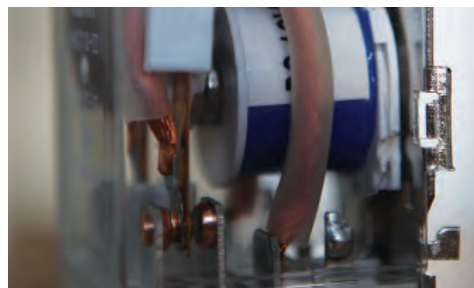
Gasoline generators **ATS**

WITH BUILT-IN ATS SYSTEM



BUILT-IN ATS SYSTEM

The generator control panel with the ATS function (automatic transfer switch) is equipped with power terminals, ATS switch and ATS operation indicator.



SWITCHING CONTACTORS

Reliable 100% copper switching contactors have an increased capacity of 40 A, which ensures long-term failsafe performance of the ATS system.



230V OR 400V

The presented series includes models for single- and three-phase consumers. The generator control panel with the ATS function has corresponding 230V and 400V mains terminals.



LED DISPLAY

The display shows information about frequency, voltage and operating hours of the generator in order to ensure timely maintenance of the generator and extend its service life.



TRADITIONELLE DEUTSCHE QUALITÄT

Gasoline generators **ATS**

WITH BUILT-IN ATS SYSTEM



KS 7000E ATS KS 7000E-3 ATS

Max power	5.5 kW
Nominal power	5.0 kW
Voltage	230V, 400V
Engine start	manual/electro/auto



KS 10000E ATS KS 10000E-3 ATS

Max power	8.0 kW
Nominal power	7.5 kW
Voltage	230V, 400V
Engine start	manual/electro/auto



TM Könner & Söhne engines are reliable, high-performance and cost-effective, and conform to European quality standards, including the latest Euro V emission standard.

TRADITIONELLE DEUTSCHE QUALITÄT

Gasoline generators **ATS**

WITH BUILT-IN ATS SYSTEM



KS 7000E ATS

230V | 50Hz

KS 7000E-3 ATS

400V | 50Hz

KS 10000E ATS

230V | 50Hz

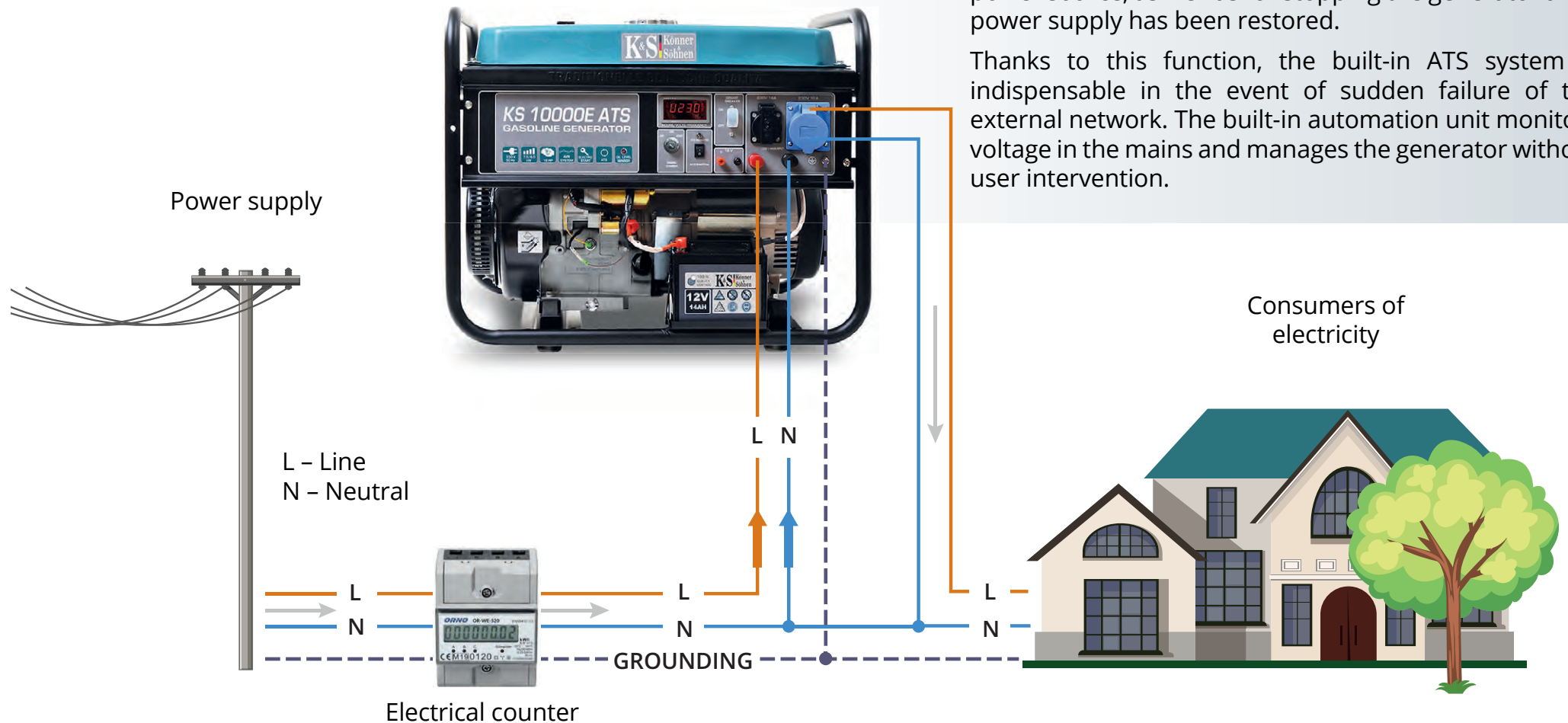
KS 10000E-3 ATS

400V | 50Hz

Max power, kW	5.5	5.5	8.0	8.0
Nominal power, kW	5.0	5.0	7.5	7.5
Current, A (max)	23.91	9.93	34.78	14.45
Outlets	1x16A, 1x32A	1x16A (230V), 1x16A (400V)	1x16A, 1x32A	1x16A (230V), 1x16A (400V)
Fuel tank volume, l	25	25	25	25
50% power working time	17	17	15	15
LED display	voltage, frequency, working hours			
Noise level Lpa (7m)/Lwa, dB	70/95	70/95	71/96	71/96
Power output DC, V/A	12/8.3	12/8.3	12/8.3	12/8.3
Engine model	KS 390	KS 390	KS 440	KS 440
Engine type	gasoline powered one-cylinder, four-stroke air-cooled			
Engine power hp/kW	13.0/9.56	13.0/9.56	18.0/13.24	18.0/13.24
Crank case volume, cm ³	1.1	1.1	1.2	1.2
Engine cylinder volume, cm ³	389	389	440	440
Power output controller	intelligent voltage stabilization system AVR			
Engine start	manual/electro/auto	manual/electro/auto	manual/electro/auto	manual/electro/auto
Net dimensions (LxWxH), mm	680x545x550	680x545x550	680x545x550	680x545x550
Net/Gross weight, kg	76.8/78.8	80.8/83.2	87.8/90.2	89.2/91.6
Protection class	IP23M			

Gasoline generators **ATS** with built-in **ATS** system

CONNECTION OF THE SINGLE-PHASE GENERATOR WITH THE BUILT-IN ATS TO THE CONSUMERS OF ELECTRICITY AND THE CENTRAL POWER SUPPLY

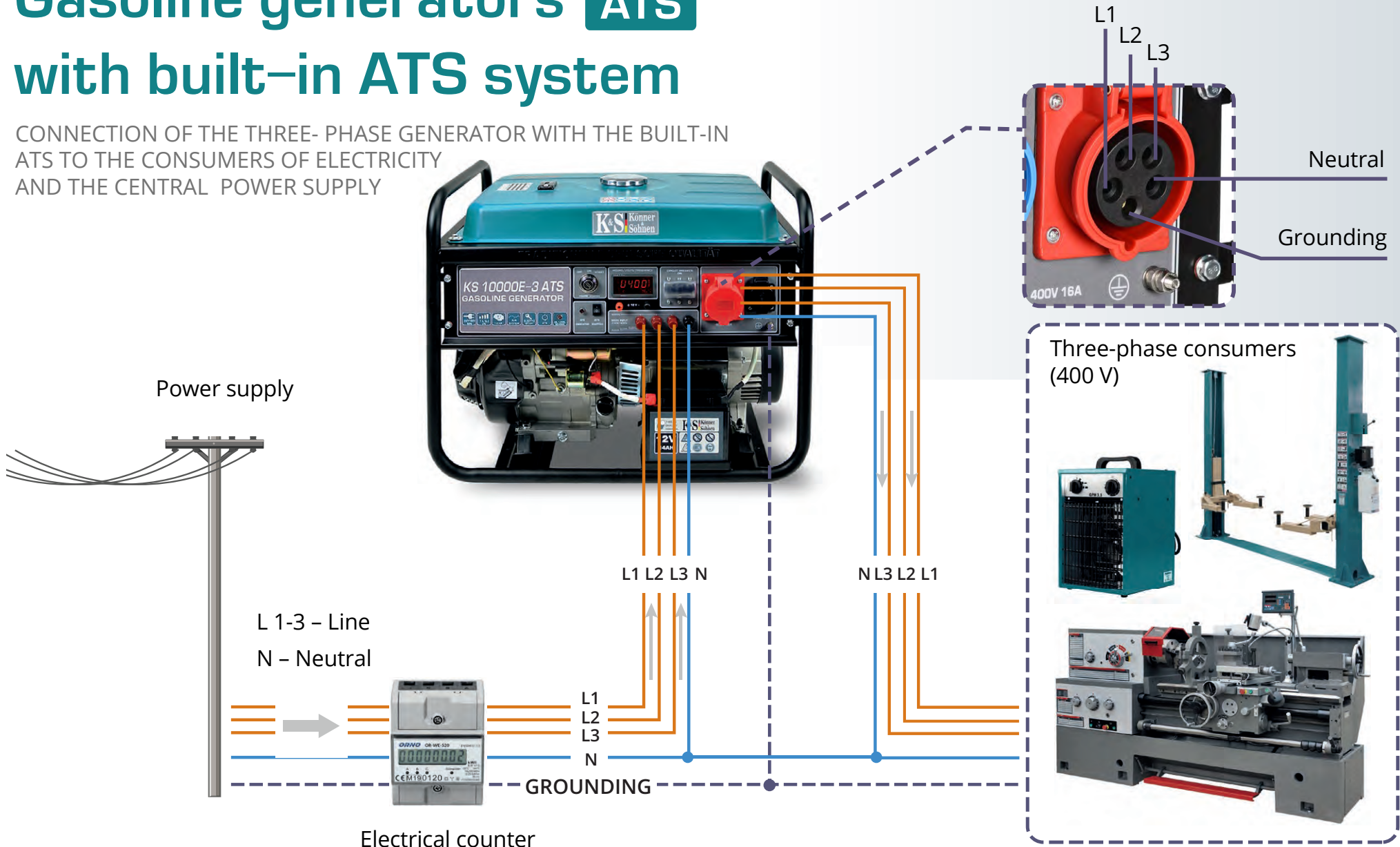


The ATS is purposed for automatic start of the generator set in the event of interruption or failure of the main power source, as well as for stopping the generator after power supply has been restored.

Thanks to this function, the built-in ATS system is indispensable in the event of sudden failure of the external network. The built-in automation unit monitors voltage in the mains and manages the generator without user intervention.

Gasoline generators **ATS** with built-in **ATS** system

CONNECTION OF THE THREE-PHASE GENERATOR WITH THE BUILT-IN
ATS TO THE CONSUMERS OF ELECTRICITY
AND THE CENTRAL POWER SUPPLY

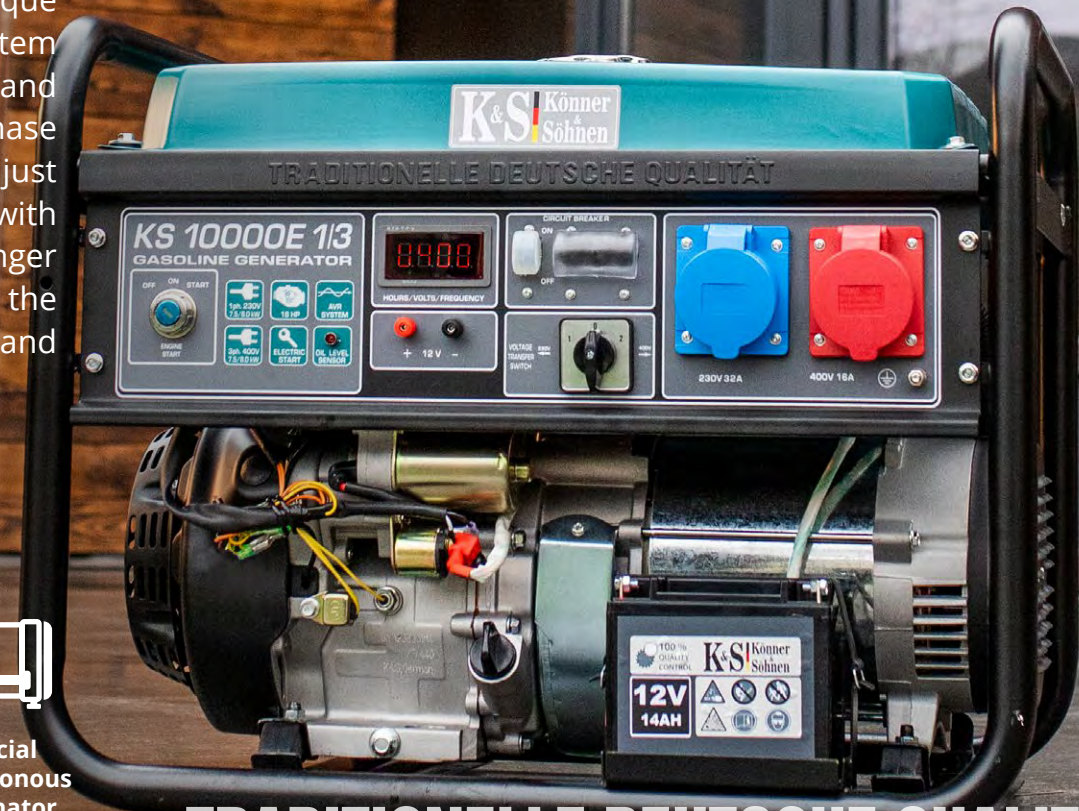


TRADITIONELLE DEUTSCHE QUALITÄT

Gasoline generators VTS

WITH VTS PHASE SWITCHING SYSTEM

Universal high-performance generators 2 in 1! The unique innovative VTS (Voltage transfer switch) phase switching system allows using the generator both in three-phase mode (400V) and in single-phase mode (230V). It is no longer necessary to purchase two separate generators and maintain them: store, transport – just switch the mode and use the TM Könner & Söhne generator with the phase switching system at the required voltage. It is no longer necessary even to stop the generator engine: just switch to the required mode, enable the appropriate circuit breakers (ON) and connect the appliances.



VTS phase switching system
230V / 400V

230V
=
400V

Equal power for
230V/400V



Outlets for connecting
single- and
three-phase consumers



Special
synchronous
alternator

TRADITIONELLE DEUTSCHE QUALITÄT

Gasoline generators

WITH VTS SYSTEM

VTS

TM Könner & Söhnen engines are reliable, high-performance and cost-effective, and conform to European quality standards, including the latest Euro V emission standard.



5.0 – 8.0 kW

Generator power



230V/400V

Voltage



13.0 – 18.0 HP

Engine power

MANUAL / ELECTRO ENGINE START



VTS phase switching system
equal power for 1/3-phase

Engine emergency switches (overload protection)
for each mode 230V / 400V

Reinforced steel frame
Ø 28-32 mm

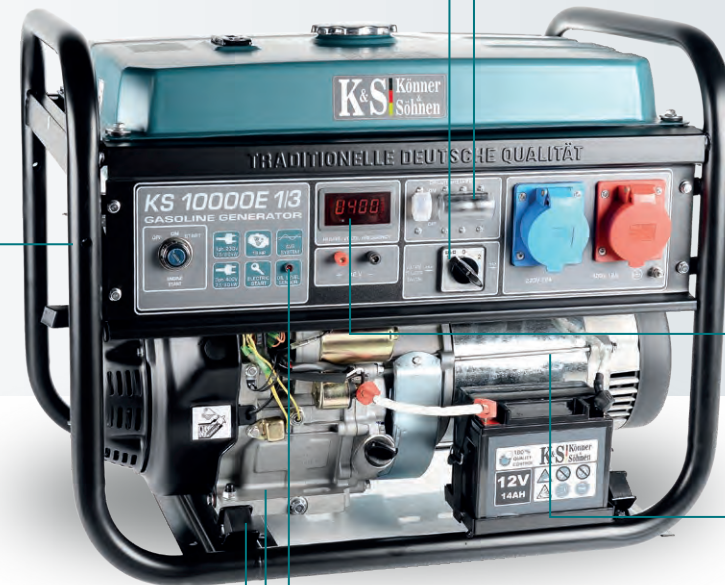
LED-display:
voltage, frequency,
working hours

Synchronous alternator with
100% cooper winding

Low oil level automatic switch-off

Improved anti-vibration system

Powerful and reliable engine
TM Könner & Söhnen



TRADITIONELLE DEUTSCHE QUALITÄT

Gasoline generators **VTS**

WITH VTS PHASE SWITCHING SYSTEM
EQUAL POWER FOR 230V | 400V)

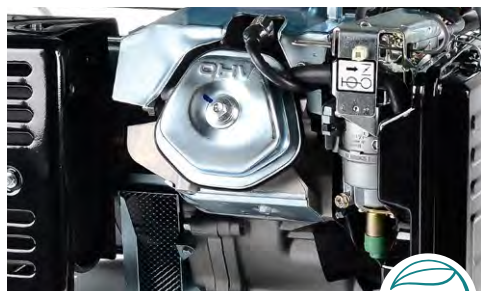


VTS SYSTEM

The unique innovative VTS (Voltage Transfer Switch) phase switching system with equal power for single-phase (230V) and three-phase (400V) consumers. Each mode has its own circuit breaker.

SYNCHRONOUS ALTERNATOR

The synchronous alternator with integrated intelligent AVR system is specially designed for singleand three-phase operation with almost no loss of power. High workmanship and copper winding can withstand prolonged ultimate loads.



HIGH-PERFORMANCE ENGINE



Each TM Könner & Söhne engine is equipped with a backup power supply, which ensures TM Könner & Söhne generators deliver the declared power for sure! K&S engines conform to European quality standards, including the latest standard of emission EURO V.

EQUIPMENT

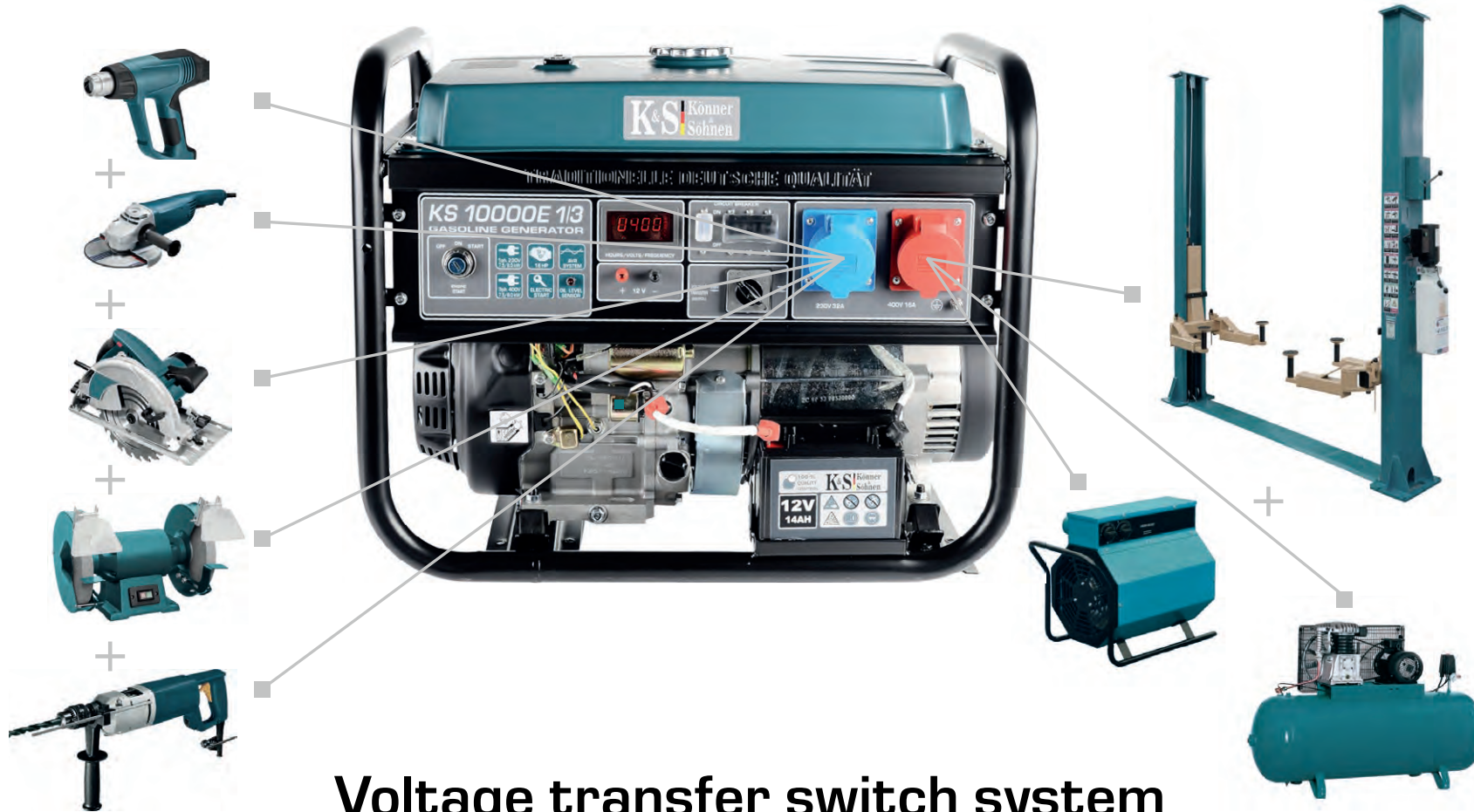
The generator panel is equipped with ergonomic connectors for connecting single- and three-phase consumers. High-output sockets are made of high-quality heat-resistant plastic.



TRADITIONELLE DEUTSCHE QUALITÄT

Gasoline generators with VTS system

VTS (VOLTAGE TRANSFER SWITCH) WITH EQUAL POWER FOR SINGLE-PHASE (230V) AND THREE-PHASE (400V) CONSUMERS



**7,5 kW
230V**

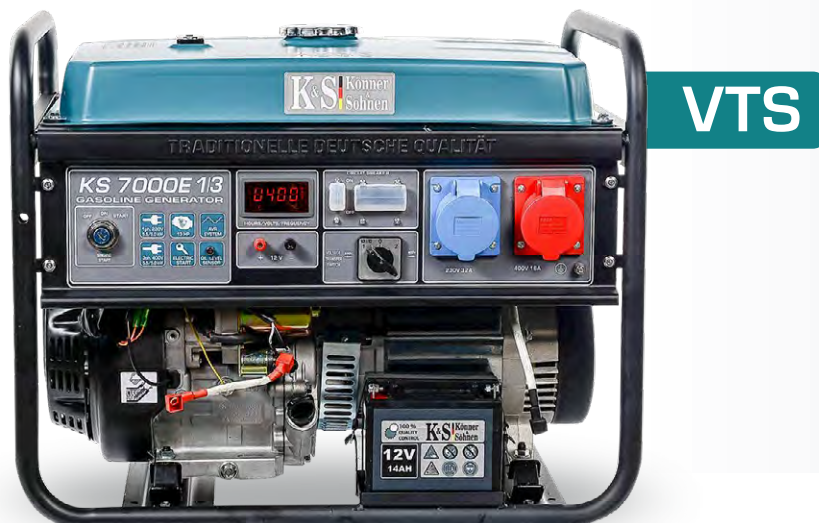
Voltage transfer switch system

Allows using the generator both in three-phase mode (400V) and in single-phase mode (230V) without almost no loss of power

**7,5 kW
400V**

Gasoline generators VTS

WITH VTS PHASE SWITCHING SYSTEM WITH EQUAL POWER FOR 230V | 400V



KS 7000E-1/3



Max power/Nom. power, 230 V	5.5 kW / 5.0 kW
Max power/Nom. power, 400 V	5.5 kW / 5.0 kW
Voltage	230V / 400V
Engine start	manual / electro
Outlets	1x32A (230V) / 1x16A (400V)

KS 10000E-1/3



Max power/Nom. power, 230 V	8.0 kW / 7.5 kW
Max power/Nom. power, 400 V	8.0 kW / 7.5 kW
Voltage	230V / 400V
Engine start	manual / electro
Outlets	1x32A (230V) / 1x16A (400V)



TM Könner & Söhne engines are reliable, high-performance and cost-effective, and conform to European quality standards, including the latest Euro V emission standard.

Gasoline generators **VTS**

WITH VTS PHASE SWITCHING SYSTEM WITH EQUAL POWER FOR 230V | 400V



KS 7000E-1/3

230V | 50Hz

400V | 50Hz



KS 10000E-1/3

230V | 50Hz

400V | 50Hz

Max power, kW	5.5 (for cos φ=1)	5.5 (for cos φ=1)	8.0 (for cos φ=1)	8.0 (for cos φ=1)
Nominal power, kW	5.0 (for cos φ=1)	5.0 (for cos φ=1)	7.5 (for cos φ=1)	7.5 (for cos φ=1)
Current, A (max)	23.91	9.93	34.78	14.45
Outlets	1x16A (400V), 1x32A (230V)		1x16A (400V), 1x32A (230V)	
Fuel tank volume, l	25		25	
50% power working time	17		15	
LED display	voltage, frequency, working hours			
Noise level Lpa (7m)/Lwa, dB	70/95		71/96	
Power output DC, V/A	12/8.3		12/8.3	
Engine model	KS 390		KS 440	
Engine type	gasoline powered one-cylinder, four-stroke air-cooled			
Engine power hp/kW	13.0/ 9.56		18.0/ 13.24	
Crank case volume, cm ³	1.1		1.2	
Engine cylinder volume, cm ³	389		440	
Power output controller	intelligent voltage stabilization system AVR			
Engine start	manual/electro		manual/electro	
Net dimensions (LxWxH), mm	680x545x550		680x545x550	
Net/Gross weight, kg	81/83		88/90	
Protection class	IP23M			

LPG/Gasoline generators **LPG**

DUAL FUEL series LPG/gasoline generators from TM Könner & Söhnen are currently the most popular among customers due to their efficiency. The generator can run on both gasoline and liquefied gas (propane-butane). The operation of the generator on LPG increases the service life of the engine. The package includes everything you need to use LPG as fuel.

If necessary, LPG/gasoline models can easily be switched to gasoline mode, with the Könner & Söhnen gasoline powered single-cylinder air-cooled four-stroke engine ensuring stable and reliable operation of the generator.

Using LPG as fuel is:

- fuel savings;
- reduction of harmful emissions into the atmosphere;
- reduced engine vibration increases engine's lifespan.



Long lifespan
of engine



Equipped with
two reducers



Less exhaust
pollution



Cheaper fuel



TRADITIONELLE DEUTSCHE QUALITÄT

LPG / Gasoline generators **LPG**

TM Könner & Söhne engines are reliable, high-performance and cost-effective, and conform to European quality standards, including the latest Euro V emission standard.



2.6 – 8.0 kW

Generator power



230V

Voltage



7.0 – 18.0 HP

Engine power

MANUAL / ELECTRO ENGINE START



YOU CAN USE GENERATOR WITH BOTH A PORTABLE GAS CYLINDER AND WITH A STATIONARY CAPACITY FOR GAS STORAGE (GASHOLDER)

Additional reducer provides pressure reduction and eliminates the possibility of overloading the gas connection

LED-display: voltage, frequency, working hours



LPG supply hose included

Low oil level automatic switch-off

Built-in reducer

Powerful and reliable engine
TM Könner & Söhne



Liquefied gas (propane-butane) is more environmentally friendly than gasoline. The use of gas as fuel reduces the amount of harmful emissions into the atmosphere.

LPG/Gasoline generators **LPG**



EQUIPMENT

The package includes everything necessary for using LPG as fuel, specifically two reducers and hosepipe for connecting the cylinder. Need to connect the generator to the cylinder and start the engine.



ENVIRONMENTALLY FRIENDLY ENGINE

High-performance K&S engines comply with the latest EURO V emission standards. Each engine has its own individual serial number, which allows us to control the quality of production and service. The use of gas as fuel provides less emissions of harmful exhaust substances into the atmosphere.



IMPROVED ENGINE EFFICIENCY

When operated on liquefied gas, the engine provides less vibration in a way that facilitates long and stable generator operation and increases engine service life.



ECONOMICAL CHOICE

The use of LPG as fuel significantly reduces fuel costs for operation of the device, and the difference in value between the gasoline powered generator and the DUAL FUEL hybrid generator from K&S TM quickly pays off. You can use generator with both a portable gas cylinder and with a stationary capacity for gas storage (gasholder).



The device runs on liquid fuel - gasoline or LPG. You can use both fuel types with a portable gas cylinder or a stationary gas tank.

LPG/gasoline Generators **LPG**



KS 3000G

Max power **3.0 kW**
 Nominal power **2.6 kW**
 Voltage **230 V**
 Fuel type **LPG / gasoline**
 Engine start **manual**
 Outlets **2x16A**



KS 7000E G

Max power **5.5 kW**
 Nominal power **5.0 kW**
 Voltage **230 V**
 Fuel type **LPG / gasoline**
 Engine start **manual / electro**
 Outlets **1x16A / 1x32A**



KS 10000E G

Max power **8.0 kW**
 Nominal power **7.5 kW**
 Voltage **230 V**
 Fuel type **LPG / gasoline**
 Engine start **manual / electro**
 Outlets **1x16A / 1x32A**



TM Könner & Söhne engines are reliable, high-performance and cost-effective, and conform to European quality standards, including the latest Euro V emission standard.

TRADITIONELLE DEUTSCHE QUALITÄT

LPG/Gasoline generators **LPG**



KS 3000G
230V | 50Hz



KS 7000E G
230V | 50Hz



KS 10000E G
230V | 50Hz

Max power, kW	3.0	5.5	8.0
Nominal power, kW	2.6	5.0	7.5
Current, A (max)	13.04	23.91	34.78
Outlets	2x16A	1x16A, 1x32A	1x16A, 1x32A
Fuel tank volume, l	15	25	25
50% power working time	15	17	15
LED display	voltage, frequency, working hours		
Noise level Lpa (7m)/Lwa, dB	68/93	70/95	71/96
Power output DC, V/A	12/8.3	12/8.3	12/8.3
Engine model	KS 210	KS 390	KS 440
Engine type	LPG/gasoline powered one-cylinder, four-stroke air-cooled		
Engine power hp/kW	7.0/5.15	13.0/9.56	18.0/13.24
Crank case volume, cm ³	0.6	1.1	1.2
Engine cylinder volume, cm ³	208	389	440
Power output controller	intelligent voltage stabilization system AVR		
Engine start	manual	manual/electro	manual/electro
Net dimensions (LxWxH), mm	580x430x440	680x545x550	680x545x550
Net/Gross weight, kg	45.4/47.5	77.2/79.6	86.5/88.9
Protection class	IP23M		

Powerful single- and two-cylinder gasoline generators with air cooling

New generators for your attention - powerful gasoline single and twin-cylinder models with 8.0 kW to 15.6 kVA power with the possibility of ATS unit connection. KS 12-1E 1/3 ATSR and KS 15-1E 1/3 ATSR 1/3 generators also have a unique VTS phase switching technology that enables single-phase (230V) or three-phase (400V) operation with almost no power loss. Generators are based on robust single- and two-cylinder engines that meet the latest EURO V emission standard. Generators are also equipped with convenient, ergonomic control panel with emergency stop button and multi-function LED display to control generator operation - frequency, voltage, hours worked and low oil level. Each model is equipped with outlets to allow you to get maximum power delivered by the device.

The capacious 55-liter fuel tank ensures long and continuous operation. Generators have a reinforced $\varnothing 32$ mm steel frame, equipped with a transport kit to ease transportation. Anti-corrosion electrostatic painting will protect the device from mechanical damage and environmental influences.



Powerful engine
(18.5 - 22HP)



Voltage Transfer Switch
230V/400V



Connecting the ATS system



Convenient transportation



TRADITIONELLE DEUTSCHE QUALITÄT

Powerful single- and two-cylinder gasoline generators with air cooling

TM Könner & Söhne engines are reliable, high-performance and cost-effective, and conform to European quality standards, including the latest Euro V emission standard.



8.0 kW – 15.6 kVA
Generator power

230V/400V
Voltage

18.5 – 22.0 HP
Engine power

MANUAL / ELECTRO ENGINE START



High-capacity fuel tank - 55 l with built-in fuel level indicator

LED-display: voltage, frequency, working hours, oil alarm

Engine emergency shutdown

Powerful and reliable 1- or 2-cylinder engines TM Könner & Söhne

VTS phase switching system for models KS 12-1E 1/3 ATSR, KS 15-1E 1/3 ATSR

Input for ATS (universal 8-pin input)

Transportation kit



VTS

VTS (Voltage Transfer Switch) phase switching system allows using the generator both in three-phase mode (400V) and in single-phase mode (230V) with almost no loss of power.

ATSR

Ability to connect the ATS (Automatic Transfer Switch) system.

TRADITIONELLE DEUTSCHE QUALITÄT

Powerful single- and two-cylinder gasoline generators with air cooling **VTS** **ATSR**



KS 12-1E ATSR
KS 12-1E 1/3 ATSR

Max power 230 V	8.0-9.2 kW
Max power 400 V	11.5 kVA
Voltage	230V / 400V
Engine start	manual / electro



KS 15-1E ATSR
KS 15-1E 1/3 ATSR

Max power 230 V	11.5-12.5 kW
Max power 400 V	15.6 kVA
Voltage	230V / 400V
Engine start	electro



TM Könner & Söhne engines are reliable, high-performance and cost-effective, and conform to European quality standards, including the latest Euro V emission standard.

TRADITIONELLE DEUTSCHE QUALITÄT

Powerful single- and two-cylinder gasoline generators

WITH AIR COOLING


KS 12-1E ATSR

230V | 50Hz

KS 12-1E 1/3 ATSR

230V | 50Hz 400V | 50Hz

KS 15-1E ATSR

230V | 50Hz

KS 15-1E 1/3 ATSR

230V | 50Hz 400V | 50Hz

Max power, kW	9.2 kW	8.2 kW	11.5 kVA	12.5 kW	11.5 kW	15.6 kVA
Nominal power, kW	9.0 kW	8.0 kW	11.25 kVA	12.0 kW	11.0 kW	15.0 kVA
Current, A (max)	40	35	17	53	48	22
Outlets	1x63A, 1x32A, 1x16A	1x32A (400V), 1x32A (230V), 1x16A (230V)		1x63A, 1x32A, 1x16A	1x63A (230V), 1x32A (400V)	
Fuel tank volume, l	55	55		55	55	
LED display	voltage, frequency, working hours, oil alarm					
Noise level Lpa (7m)/Lwa, dB	71/96	71/96		72/97	72/97	
Power output DC, V/A	12/8.3	12/8.3		12/8.3	12/8.3	
Engine model	KS 650	KS 650		KS 780	KS 780	
Engine type	gasoline powered one-cylinder, four-stroke air-cooled			gasoline powered two-cylinder, four-stroke air-cooled		
Crank case volume, cm ³	1.4	1.4		1.5	1.5	
Engine power hp/kW	18.5/13.6	18.5/13.6		22.0/16.18	22.0/16.18	
Engine cylinder volume, cm ³	625	625		750	750	
Power output controller	intelligent voltage stabilization system AVR					
Engine start	manual/electro	manual/electro		electro	electro	
Ability to connect ATS (8-pin connector)	+	+		+	+	
Net dimensions (LxWxH), mm	790x705x680	790x705x680		797x705x805	797x705x805	
Net/Gross weight, kg	131/145	131/145		157/165	157/165	
Accumulator, Ah	21	21		36	36	
Protection class	IP23M					

Automatic Transfer Switch (ATS)

The ATS (Automatic Transfer Switch) unit automatically starts the generator and transfers load to it when the main power supply is disconnected and automatically stops the generator when the central power supply is restored. Gasoline and diesel generators are equipped with a universal connector for an automatic transfer switch unit (ATS input).

The ATS unit has a controller that allows you to program the time before the generator automatically starts in the case of a power outage. ATS unit has an emergency stop button. It can operate both in automatic and in manual mode.



8-pin input for ATS*

KS ATS 4/32-12

Power	14/21 kW
Voltage	230V/400 V
Current (max) 230V	63A
Current (max) 400V	32A
Dimensions (LxWxH), mm	220x150x370

Suitable for models
KS 12-1E ATSR, KS 12-1E 1/3 ATSR



8-pin input for ATS*

KS ATS 4/32-15

Power	14/21 kW
Voltage	230V/400 V
Current (max) 230V	63A
Current (max) 400V	32A
Dimensions (LxWxH), mm	220x150x370

Suitable for models
KS 15-1E ATSR, KS 15-1E 1/3 ATSR



* Sold only with the generator

Diesel generators

HEAVY DUTY SERIES

HEAVY DUTY series generators are designed for longer operation due to the increased engine service life, reinforced frame structure and rugged components. The new range includes interesting models equipped with a unique VTS phase switching system that allows one generator to be used as a single- and three-phase generator with almost no loss of power. Moreover, diesel generators are equipped with a universal ATS output for connecting an automatic transfer switch unit.

All HEAVY DUTY series generators are equipped with a preheater that will help easily start the generator in winter time. The generators are also equipped with heavy-duty 30 Ah batteries. HEAVY DUTY series generators are intended for use not only as a backup power source, but also for continuous operation.



For home
use



For small
business



For
construction



For farms and
agriculture

HEAVY DUTY

ENGINE LIFETIME EXCEEDS 3000 HOURS
— PROVED BY MULTIPLE TESTS



TRADITIONELLE DEUTSCHE QUALITÄT

Diesel generators

HEAVY DUTY SERIES

Engines meet all European quality standards, including the latest Euro V Emission standard



5.0 – 7.5 kW

Generator power



230V/400V

Voltage



12.0 – 18.0 HP

Engine power

MANUAL / ELECTRO ENGINE START



VTS

VTS (Voltage Transfer Switch) phase switching system allows using the generator both in three-phase mode (400V) and in single-phase mode (230V) with almost no loss of power.

ATSR

Ability to connect the ATS (Automatic Transfer Switch) system.

VTS phase switching system ensures almost equal power for single- and three-phase consumers

LED-display: voltage, frequency, working hours

Engine emergency switch

Low oil level automatic switch-off

Input for ATS (universal 6-pin input)

Double anti-vibration system with rubber dampers (protection against vibration, sliding, and corrosion)

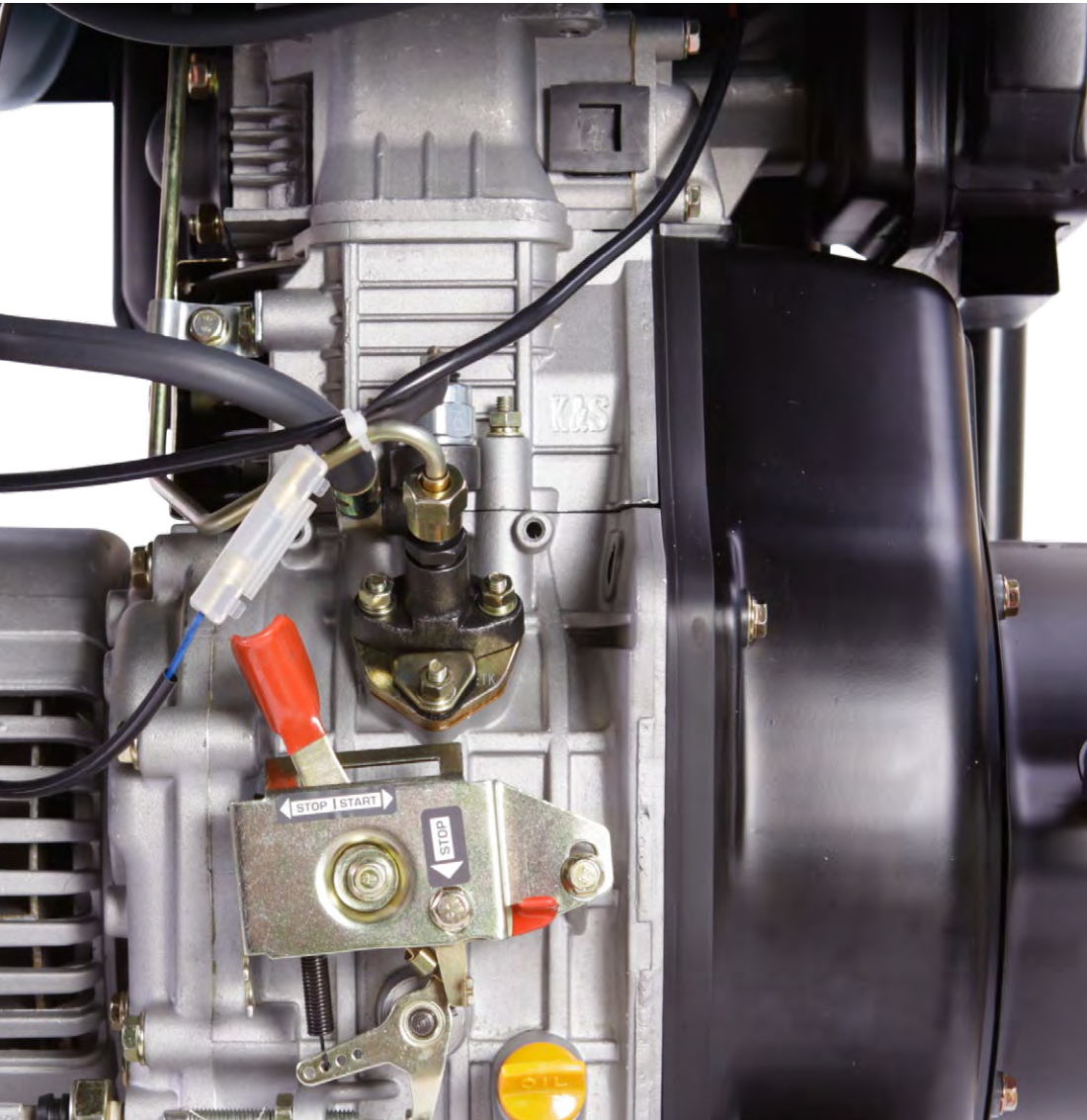
Pre-start heating procedure for an easy start (in cold season)

Powerful and reliable engine
TM Könner & Söhnen,
engine life up to 3000 hours



Diesel generators

HEAVY DUTY SERIES



PRE-START HEATING

HEAVY DUTY series diesel generators are equipped with a preheater that allows to effortlessly start the generator in winter.



ATS OUTPUT

The generator is suitable for connecting the ATS (Automatic transfer switch) system. The ATS output features a universal 6-pin connector with no system choice limitation for the automatic transfer switch.



MULTIFUNCTIONAL LED DISPLAY

Modern multifunction LED display shows frequency, voltage and operating hours of the generator. Displayed information makes it easy to determine the voltage generated by the device.



SYSTEM VTS

The unique innovative VTS (voltage Transfer Switch) which allows you to use one generator both for singlephase (230 V) and three-phase appliances (400 V). Each mode has its own circuit breaker.

Diesel generators

HEAVY DUTY SERIES



VTS

ATSR

- 🍃 **KS 6100HDE (Euro V)**
- KS 6102HDE (Euro II)
- 🍃 **KS 8100HDE (Euro V)**
- KS 8102HDE (Euro II)

Max power	5.5-6.5 kW
Nominal power	5.0-6.0 kW
Voltage	230V
Engine start	manual / electro
Outlets	1x16A, 1x32A



- 🍃 **KS 8100HDE-1/3 ATSR (Euro V)**
- KS 8102HDE-1/3 ATSR (Euro II)
- 🍃 **KS 9100HDE-1/3 ATSR (Euro V)**
- KS 9102HDE-1/3 ATSR (Euro II)

Max power 230 V	5.5-6.4 kW
Max power 400 V	6.5-7.5 kW
Voltage	230V / 400V
Engine start	manual / electro
Outlets	1x16A(400V), 1x32A (230V)



TM Könner & Söhnen engines are reliable, high-performance and cost-effective, and conform to European quality standards, including the latest Euro V emission standard.

TRADITIONELLE DEUTSCHE QUALITÄT

Diesel generators

HEAVY DUTY SERIES

VTS **ATSR**



Engines meet the latest Euro V emission standard



KS 6100HDE
KS 6102HDE

230V | 50Hz

KS 8100HDE
KS 8102HDE

230V | 50Hz

KS 8100HDE-1/3 ATSR
KS 8102HDE-1/3 ATSR

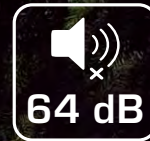
230V | 50Hz 400V | 50Hz

KS 9100HDE-1/3 ATSR
KS 9102HDE-1/3 ATSR

230V | 50Hz 400V | 50Hz

Max power, kW	5.5	6.5	5.5	6.5	6.4	7.5
Nominal power, kW	5.0	6.0	5.0	6.0	5.9	7.0
Current, A (max)	23.91	28.26	23.04	11.74	27.83	13.54
Outlets	1x16A 1x32A	1x16A 1x32A	1x16A (400V) 1x32A (230V)		1x16A (400V) 1x32A (230V)	
Fuel tank volume, l	11	11	11		11	
LED display	voltage, frequency, working hours					
Noise level Lpa (7m)/Lwa, dB	71/96	71/96	71/96		71/96	
Power output DC, V/A	12/8.3	12/8.3	12/8.3		12/8.3	
Engine model	KS 440HD	KS 480HD	KS 480HD		KS 520HD	
Engine type	diesel powered one-cylinder, four-stroke air-cooled					
Engine power hp/kW	12.0/8.83	14.0/10.3	14.0/10.3		18.0/13.24	
Crank case volume, cm ³	1.65	1.65	1.65		1.65	
Engine cylinder volume, cm ³	418	456	456		498	
Power output controller	intelligent voltage stabilization system AVR					
Engine start	manual/electro	manual/electro	manual/electro		manual/electro	
The diameter of the frame	32 mm, round					
Accumulator, Ah	30	30	30		30	
Ability to connect ATS 6-pin connector)	-	-	+		+	
Preheater	+	+	+		+	
Net dimensions (LxWxH), mm	730x495x630	730x495x630	730x495x630		730x495x630	
Net/Gross weight, kg	107/115	117/125	117/125		122/130	
Protection class	IP23M					

One-cylinder diesel generators in protective all-season housing



HEAVY DUTY

SUPER SILENT DIESEL GENERATOR

SUPER SILENT DIESEL GENERATORS

Exclusive models of "HEAVY DUTY Silent Diesel Generator" series diesel generators in a soundproof anti-vandal housing. These models have many advantages compared to ordinary diesel generators. Thanks to their robust housing, the generators have reduced noise level, additional protection from all weather conditions, dust and dirt.

Sturdy metal housing protects the generator from tampering attempts. Like other generators of HEAVY DUTY series, these models feature increased service life (up to 3000 operating hours), pre-start heating which is especially necessary for startup during the cold season. In addition, generators are suitable for connecting the ATS unit (Automatic Transfer Switch), with 1/3 models equipped with a unique VTS phase switching system. We are sure that our generators will become your reliable assistants.



All-season protective housing



Ability to connect ATS



VTS phase switching system
230V / 400V



PRE-START heating

TRADITIONELLE DEUTSCHE QUALITÄT

One-cylinder diesel generators in protective all-season housing

SILENT DIESEL GENERATOR "HEAVY DUTY" SERIES

Engines meet the latest Euro V emission standard



5.0 – 8.0 kW

Generator power



230V/400V

Voltage



14 – 18 HP

Engine power

ELECTRO ENGINE START

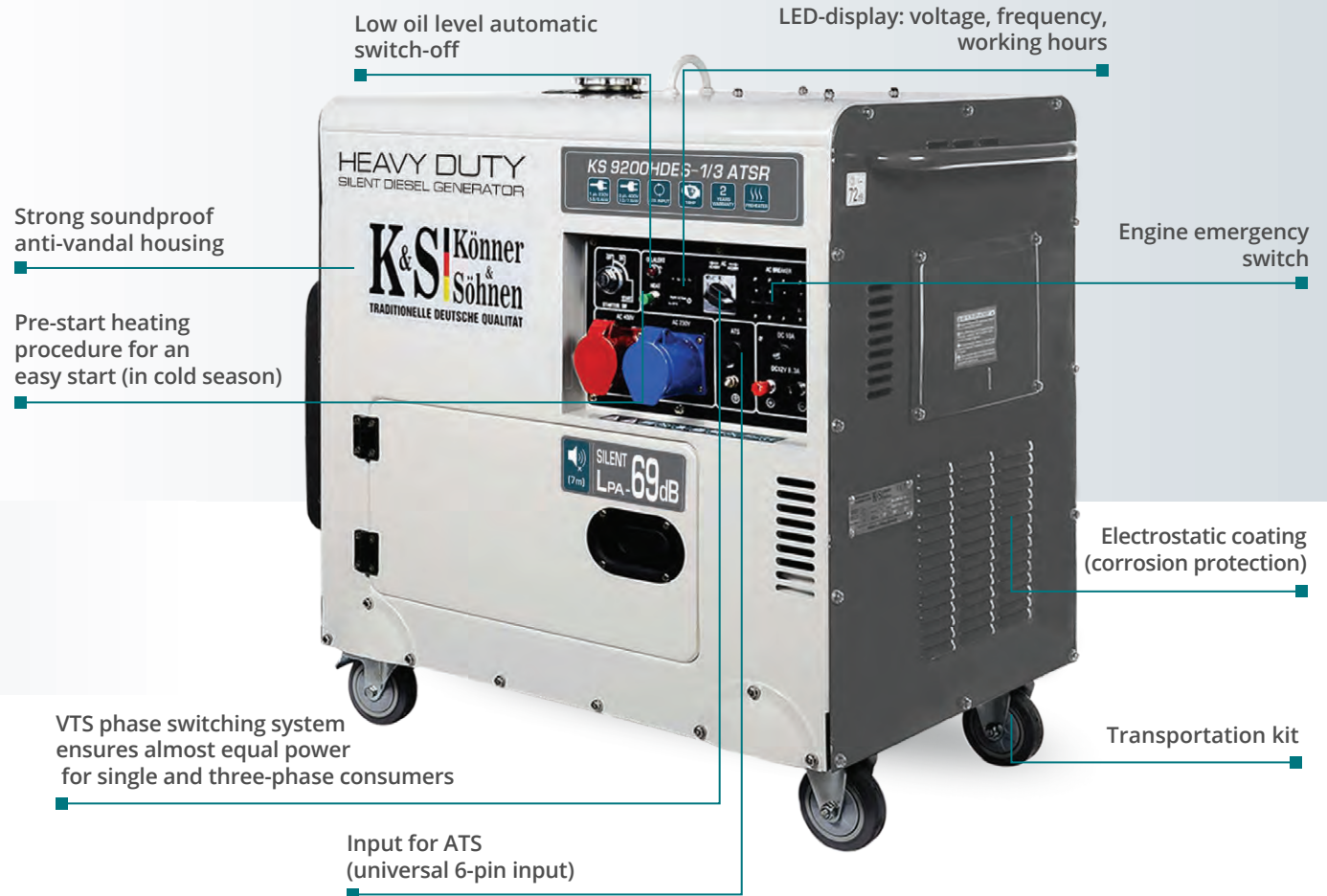


SILENT

Housing ensures reduced noise load

POWER

Maximum power for a one-cylinder engine!



TRADITIONELLE DEUTSCHE QUALITÄT

One-cylinder diesel generators in protective all-season housing

SILENT DIESEL GENERATOR "HEAVY DUTY" SERIES



SUPER SILENT MODELS

Super Silent generators (with maximum power for a one-cylinder engine) have an advanced noise reduction system thanks to the double muffler, which provides a minimum noise level LPA (7m) of 64 dB even at maximum loads. With a two-chamber housing design, these models have improved thermal distribution inside, which significantly extends their service life.



HOUSING

All-season soundproof antivandal housing provides effective protection for the generator and extends its service life. The housing is equipped with handles and casters for easy handling. With a two-chamber housing design, these models have improved thermal distribution inside, which significantly extends their service life.



VTS SYSTEM

Universal generators 2 in 1 have a unique VTS (Voltage Transfer Switch) phase switching system, which allows using a single generator both in single-phase mode (230V) and in three-phase mode (400V) with almost no loss of power. Each mode has its own circuit breakers. There is no need to use two separate generators.



SUITABLE FOR CONNECTING ATS

The generator is suitable for connecting the ATS (Automatic transfer switch) system. The ATS output features a universal 6-pin connector with no system choice limitation for the automatic transfer switch.



TRADITIONELLE DEUTSCHE QUALITÄT

One-cylinder diesel generators in protective all-season housing

SILENT DIESEL GENERATOR "HEAVY DUTY" SERIES



- KS 8200HDES-1/3 ATSR (Euro V)
- KS 9200HDES-1/3 ATSR (Euro V)
- KS 9202HDES-1/3 ATSR (Euro II)

Max power 230 V	5.5-6.4 kW
Max power 400 V	6.5-7.5 kW
Voltage	230V / 400V
Engine start	electro
Outlets	1x16A (400V), 1x32A (230V)



- KS 9200HDE ATSR (Euro II)
- KS 11-2DE ATSR (Euro II)

Max power 230 V	6.8-8.0 kW
Max power 400 V	6.5-7.5 kW
Voltage	230V
Engine start	electro
Outlets	1x16A, 1x32A



Engines meet the latest Euro V emission standard



MAXIMUM POWER FOR A ONE-CYLINDER ENGINE!

TRADITIONELLE DEUTSCHE QUALITÄT

Diesel generators in protective housing

SILENT DIESEL GENERATOR "HEAVY DUTY" SERIES



Maximum power for a one-cylinder engine!



Low noise level



KS 8200HDES-1/3 ATSR **KS 9200HDES-1/3 ATSR** **KS 9200HDE ATSR** **KS 11-2DE ATSR**
 230V | 50Hz 400V | 50Hz 230V | 50Hz 400V | 50Hz 230V | 50Hz 230B | 50Гц

	KS 8200HDES-1/3 ATSR	KS 9200HDES-1/3 ATSR	KS 9200HDE ATSR	KS 11-2DE ATSR
Max power, kW	5.5	6.5	6.4	7.5
Nominal power, kW	5.0	6.0	5.9	7.0
Current, A (max)	23.04	11.74	27.82	13.54
Outlets	1x16A (400V) 1x32A (230V)	1x16A (400V) 1x32A (230V)	1x32A (230V) 1x16A (230V)	1x32A (230V) 1x16A (230V)
Fuel tank volume, l	11	11	15	25
LED display	voltage, frequency, working hours			
Noise level Lpa (7m)/Lwa, dB	69/94	69/94	64/89	64/89
Power output DC, V/A	12/8.3	12/8.3	12/8.3	12/8.3
Engine model	KS 480HD	KS 520HD	KS 540HD	KS 690HD
Engine type	diesel powered one-cylinder, four-stroke air-cooled			
Engine power hp/kW	14.0/10.3	18.0/13.24	14.0/10.3	15.0/11.03
Crank case volume, cm ³	1.65	1.65	1.65	2.2
Engine cylinder volume, cm ³	456	498	531	668
Power output controller	intelligent voltage stabilization system AVR			
Engine start	electro	electro	electro	electro
Accumulator, Ah	30	30	30	36
Ability to connect ATS (6-pin connector)	+	+	+	+
Preheater	+	+	+	+
Net dimensions (LxWxH), mm	900x545x905	900x545x905	890x520x690	1100x600x750
Net/Gross weight, kg	163/173	168/178	170/180	216/230
Protection class	IP23M			

HEAVY DUTY SILENT DIESEL GENERATOR

Two-cylinder diesel generators

HEAVY DUTY SERIES WITH WATER COOLING

Constantly improving and continuing to develop diesel generators of HEAVY DUTY series, our German engineers have prepared for you a new line of professional two-cylinder mobile mini-power plants from TM Könner & Söhne with a capacity of 7.7kW - 11.25 kVA.

KS 13-DEW generator models are equipped with modern two-cylinder V-type engines with high-power water cooling (18 hp) and have two types of execution: in a noise-proof anti-vandal case or an open frame. All generators of this series have the ability to connect an ATS system (automatic transfer switch).



V-type engine with water cooling



Soundproof all-season housing or open type



VTS phase switching system
230V / 400V



Ability to connect ATS



PRE-START heating

TRADITIONELLE DEUTSCHE QUALITÄT

Two-cylinder diesel generators

VTS

ATSR

HEAVY DUTY SERIES WITH WATER COOLING

Engines meet the latest Euro V emission standard



7.7 kW – 11.25 kVA

Generator power



230V/400V

Voltage



18.0 HP

Engine power



Water cooled engines:

- ✔ One of the most important advantages of this system is the high efficiency of heat dissipation, which ensures a stable heat exchange even with an abrupt change in the engine load duty.
- ✔ The continuous running time of a water-cooled engine is longer than that of an air-cooled engine.
- ✔ They have a longer service life compared to air-cooled engines.
- ✔ They produce fewer emissions of harmful substances due to engine operation at optimal temperatures.

Multifunction digital control unit SmartGen (for models KS 13-2DEW ATSR, KS 13-2DEW 1/3 ATSR)
LED-display: voltage, frequency, working hours (for model KS 13-1DEW 1/3 ATSR)

VTS phase switching system ensures almost equal power for single- and three-phase consumers (for models KS 13-1DEW 1/3 ATSR, KS 13-2DEW 1/3 ATSR)

Input for ATS (universal 6-pin input)

Transportation kit

External emergency stop button (for models KS 13-2DEW ATSR, KS 13-2DEW 1/3 ATSR)

Electrostatic painting ANTI-SCRATCH (corrosion protection)

Engine life up to 3000 hours

Soundproof antivandal housing



ADDITIONAL ACCESSORIES



Two-cylinder diesel generators

VTS

ATSR

HEAVY DUTY SERIES WITH WATER COOLING



POWERFUL TWO-CYLINDER ENGINE

High-performance two-cylinder water-cooled engine (18 HP) has a V-type cylinder arrangement, which provides reduced vibration of the generator during operation and has an increased engine life.



MULTIFUNCTION DIGITAL CONTROL UNIT SMARTGEN

Two-cylinder diesel generators in in soundproof housing are equipped with a smartgen multifunction digital control unit that protects the engine from over- and undervoltage, under- and overfrequency, low oil pressure, overload and engine overheating.



VTS SYSTEM

Universal generators 2 in 1 have a unique VTS (Voltage Transfer Switch) phase switching system, which allows using a single generator both in single-phase mode (230V) and in three-phase mode (400V) with almost no loss of power. Each mode has its own circuit breaker. There is no need to use two separate generators.



ABILITY TO CONNECT ATS

The generator has the ability to connect the ATS system (automatic transfer switch). The ATS output has a universal 6-pin connector, which does not limit the choice of an automatic reserve input system.



Two-cylinder diesel generators

HEAVY DUTY SERIES WITH WATER COOLING

VTS

ATSR



KS 13-1DEW 1/3 ATSR

Max/Nominal power, 230V
Max/Nominal power, 400V
Voltage
Outlets

8.1 kW /7.7 kW
11.25 kVA/10.63 kVA
230V/400V
1x32A (230V), 1x16A (230V)
1x32A (400V), 1x16A (400V)



 Water cooled engine

 PRE-START heating

KS 13-2DEW ATSR



Max power 230 V
Max power 230 V
Voltage
Outlets

9.0 kW
8.5 kW
230V
1x63A (230V),
1x32A (230V), 2x16A (230V)
contact bar



KS 13-2DEW 1/3 ATSR

Max/Nominal power, 230V
Max/Nominal power, 400V
Voltage
Outlets

8.1 kW/7.7 kW
11.25 kVA/10.63 kVA
230V/400V
1x32A (230V), 1x16A (230V)
1x32A (400V), 1x16A (400V)
contact bar



Two-cylinder diesel generators

HEAVY DUTY SERIES WITH WATER COOLING

VTS VTS (Voltage Transfer Switch) phase switching system allows using the generator both in three-phase mode (400V) and in single-phase mode (230V) with almost no loss of power.

ATSR Ability to connect the ATS (Automatic Transfer Switch) system.



KS 13-1DEW 1/3 ATSR
230V | 50Hz 400V | 50Hz



KS 13-2DEW ATSR
230V | 50Hz



KS 13-2DEW 1/3 ATSR
230V | 50Hz 400V | 50Hz

Max power, kW	8.1 kW	11.25 kVA	9.0 kW	8.1 kBT	11.25 kVA
Nominal power, kW	7.7 kW	10.63 kVA	8.5 kW	7.7 kBT	10.63 kVA
Current, A (max)	36.96	16.26	39.13	36.96	16.26
Outlets	1x32A (230V), 1x16A (230V) 1x32A (400V), 1x16A (400V)		1x63A (230V), 1x32A (230V) 2x16A (230V) contact bar		1x32A (230V), 1x16A (230V) 1x32A (400V), 1x16A (400V) contact bar
Control panel	LED display (voltage, frequency, working hours)		multifunction digital control unit SmartGen		
Fuel tank volume, l	30		25	25	
Noise level Lpa (7m)/Lwa, dB	73/98		69/94		69/94
Power output DC, V/A	12/8.3		-		-
Engine model	KS 820HD		KS 820HD		KS 820HD
Engine type	diesel V-type 2 cylinder, 4 stroke water-cooled				
Engine power hp/kW	18/13.24		18/13.24		18/13.24
Crank case volume, cm ³	3.3		3.3		3.3
Engine cylinder volume, cm ³	794		794		794
Coolant volume, l	3.5		3.5		3.5
Power output controller	intelligent voltage stabilization system AVR				
Engine start	electro		electro		electro
Accumulator, Ah	36		36		36
Ability to connect ATS (5-pin connector)	+		+		+
Preheater	+		+		+
Net dimensions (LxWxH), mm	1050x640x700		1250x650x760		1250x650x760
Net/Gross weight, kg	210/240		310/345		310/345
Protection class	IP23M				

Two-cylinder diesel generators

9.5 kW - 14 kVA

HEAVY DUTY SERIES WITH AIR COOLING

HEAVY DUTY series mobile diesel mini-power plants from Könner & Söhnen with a capacity of 9.5 kW - 13.75 kVA are professional devices based on proprietary two-cylinder in-line engines (21 HP) with air cooling system.

All generators of this series have the ability to connect the ATS unit (Automatic transfer switch) and control of all key indicators of the operating state: overload and short circuit protection, automatic engine stop at low oil level, fuel level sensor. KS 14-2DE ATSR and KS 14-2DE 1/3 ATSR models are equipped with the SmartGen multifunction device.



Soundproof all-season housing or open type



VTS phase switching system 230V / 400V



Multifunction digital control unit or LED display



Ability to connect ATS

TRADITIONELLE DEUTSCHE QUALITÄT

Two-cylinder diesel **VTS** **ATSR** generators

TWIN-CYLINDER ENGINES WITH AIR COOLING

Engines meet the latest Euro V emission standard



9.5 kW – 13.75 kVA
Generator power

230V/400V
Voltage

21 HP
Engine power

VTS phase switching system ensures almost equal power for single- and three-phase consumers (for model KS 14-2DE 1/3 ATSR)

ELECTRO ENGINE START



VTS

VTS (Voltage Transfer Switch) phase switching system allows using the generator both in three-phase mode (400V) and in single-phase mode (230V) with almost no loss of power.

ATSR

Ability to connect the ATS (Automatic Transfer Switch) system.

Emergency engine stop button

Soundproof, all-weather anti-vandal housing



Electrostatic painting ANTI-SCRATCH (corrosion protection)

Ability to connect ATS (universal 6 pin)

Engine life up to 3000 hours

Transportation kit

ADDITIONAL ACCESSORIES



Two-cylinder diesel generators **VTS** **ATSR**

TWIN-CYLINDER ENGINES WITH AIR COOLING



HIGH-PERFORMANCE TWO-CYLINDER ENGINE

High-performance and robust two-cylinder air-cooled engine (21 hp). The engine design is optimally balanced thanks linear arrangement of cylinders, which ensure reduced vibration of the generator during operation, facilitates long and stable operation of the generator.



PROTECTIVE ANTI-VANDAL HOUSING

All-weather protective antivandal housing provides effective protection for the device and extends its service life. The generator has an external emergency stop button. In addition, the casing is equipped with wheels for easy transportation.



ERGONOMIC CONTROL PANEL

Convenient ergonomic control panel allows easy control of the whole device. The generator has the ability to connect ATS (Automatic Transfer Switch) and equipped with a VTS phase switching system, which allows using a single generator both in single-phase mode (230V) and in three-phase mode (400V) with almost no loss of power.



CONTACT BAR

Powerful two-cylinder models of TM Könner & Söhne diesel generators are equipped with high-quality contact bars for connecting electric cables, which allow you to receive the full power delivered by the unit.



Two-cylinder diesel generators **VTS** **ATSR**

TWIN-CYLINDER ENGINES WITH AIR COOLING



KS 14-1DE ATSR

Max power **11.0 kW**
 Nominal power **10.5 kW**
 Voltage **230V**
 Outlets **1x63A, 1x32A, 2x16A**



 Air cooled engine

 PRE-START heating

KS 14-2DE ATSR



Max power **11.0 kW**
 Nominal power **10.5 kW**
 Voltage **230V**
 Outlets **1x63A, 1x32A, 2x16A contact bar**



KS 14-2DE 1/3 ATSR

Max/Nominal power, 230V **10.0 kW/9.5 kW**
 Max/Nominal power, 400V **13.75 kVA/13.1 kVA**
 Voltage **230V/400V**
 Outlets **1x32A (230V) / 1x16A(230V), 1x32A (400V) / 1x16A(400V) contact bar**



Two-cylinder diesel generators

TWIN-CYLINDER ENGINES WITH AIR COOLING


KS 14-1DE ATSR
230V | 50Hz

KS 14-2DE ATSR
230V | 50Hz

KS 14-2DE 1/3 ATSR
230V | 50Hz 400V | 50Hz

VTS **ATSR**

Max power, kW	11.0 kW	11.0 kW	10.0 kW	13.75 kVA
Nominal power, kW	10.5 kW	10.5 kW	9.5 kW	13.1 kVA
Current, A (max)	47.83	47.83	43.48	19.87
Outlets	1x63A (230V), 1x32A (230V), 2x16A (230V)	1x63A (230V), 1x32A (230V), 2x16A (230V)	1x32A (230V), 1x16A (230V), 1x32A (400V), 1x16A (400V)	
Control panel	LED display (voltage, frequency, working hours)	multifunction digital control unit SmartGen		
Fuel tank volume, l	30	25	25	
Noise level Lpa (7m)/Lwa, dB	74/99	70/95	70/95	
Power output DC, V/A	12/8.3	-	-	
Engine model	KS 1020HD	KS 1020HD	KS 1020HD	
Engine type	diesel powered two-cylinder, four-stroke air-cooled			
Engine power hp/kW	21/15.45	21/15.45	21/15.45	
Crank case volume, cm ³	2.8	2.8	2.8	
Engine cylinder volume, cm ³	997	997	997	
Power output controller	intelligent voltage stabilization system AVR			
Engine start	electro	electro	electro	
Accumulator, Ah	36	36	36	
Ability to connect ATS (6-pin connector)	+	+	+	
Preheater	+	+	+	
Net dimensions (LxWxH), mm	1050x640x700	1250x650x760	1250x650x760	
Net/Gross weight, kg	220/240	320/345	320/345	
Protection class	IP23M			

Automatic transfer switch

The ATS (automatic transfer switch) unit automatically starts the generator and transfers the load to it when the main power source is turned off and automatically stops the generator when the central power supply is restored.

Gasoline and diesel generators with electric starters are equipped with a connector for an automatic transfer switch unit (ATS input). The ATS unit has a controller that allows you to program the time before the generator automatically starts in the case of a power outage, the generator warm-up time before connecting the load and signals an error. ATS unit has an emergency stop button. It can operate both in automatic and in manual mode.

6-pin input for ATS

KS ATS 1/40HD

Power	9,2 kW
Voltage	230 V
Current (max)	40 A
Dimensions (LxWxH)	300x400x200 mm
Net/Gross weight	6.1/6.5 kg



230V



6-pin input for ATS

KS ATS 3/18HD

Power	12,5 kW
Voltage	400 V
Current (max)	18 A
Dimensions (LxWxH)	300x400x200 mm
Net/Gross weight	5.7/6.1 kg



400V



6-pin input for ATS

KS ATS 4/63HD

Power 230V	14,4 (28,8) kW
Power 400V	34,8 kW
Voltage	230V/400 V
Current (max) 230V	63 A (120A)
Current (max) 400V	63A
Dimensions (LxWxH)	320x400x200 mm
Net/Gross weight	6.5/7.9 kg



230V/400V



Programmable logic controller of the ATS unit:

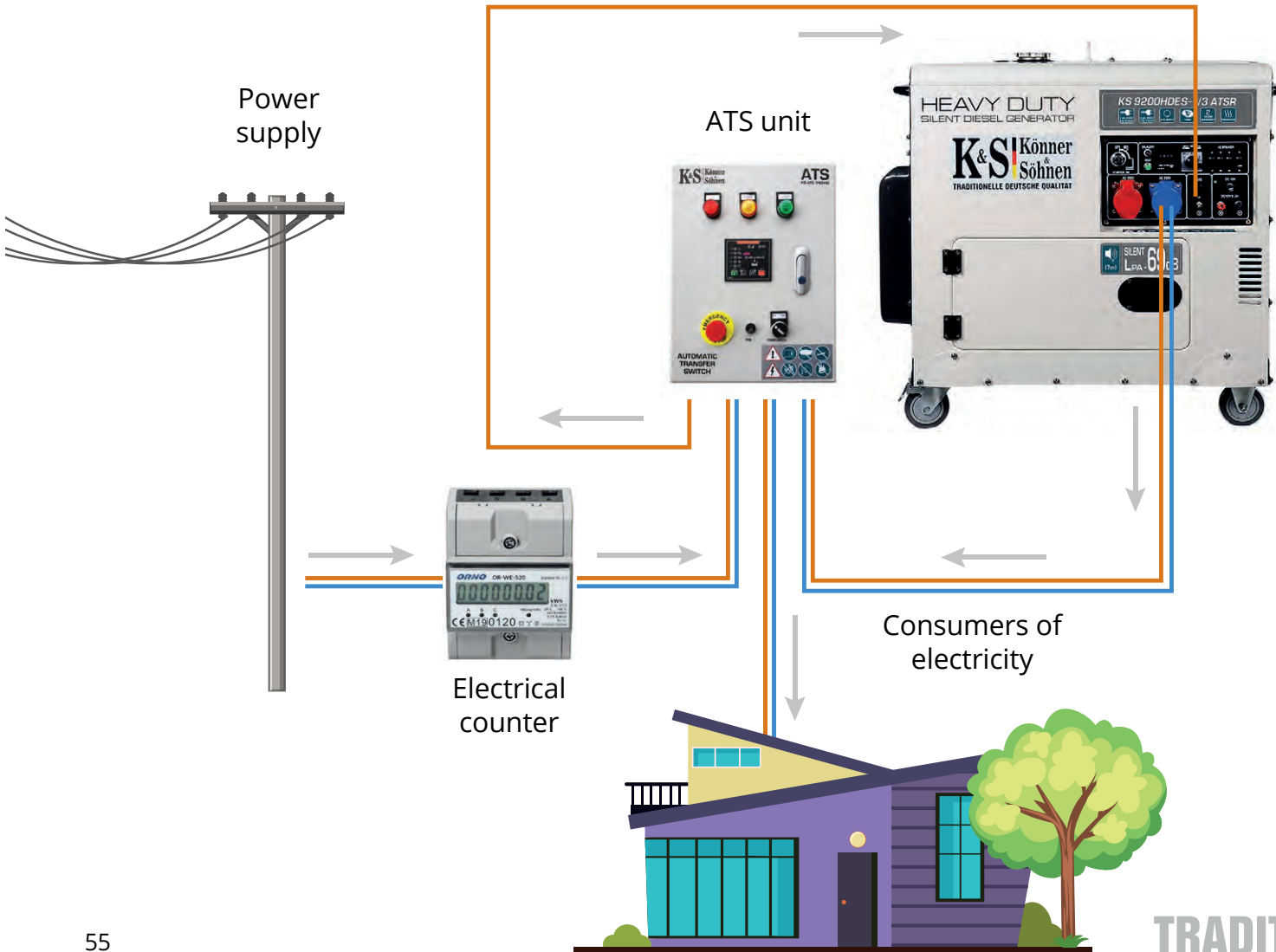
- Automatic/manual operation
- Programming of engine starting time after power outage
- Programming of engine warm-up time before connecting the appliances
- Setting of starter operation time
- Engine performance monitoring
- Battery charging when the generator is off

* Sold only with the generator

Connection of the generator and ATS to the building power supply network

Connect the ATS to the generator using the generator automatic start control cable (supplied as a set with ATS). The ATS contact socket is located on the control panel of the generator.

Automatic start control cable (supplied as a set with ATS)



Programmable logic controller of the ATS unit

Inverter generators **NEW**

Inverter gasoline powered generators are a user-friendly portable source of energy. The range of inverter generators features models with a power range from 1.8 to 8.0 kW. Double conversion of electric energy provides the pure sine wave and frequency of 50 Hz, which ensures reliable operation of sensitive and high-precision electronics. Generators have two types of execution: soundproof housing with a minimum noise level and a more economical execution with an open frame.

All models are based on robust engines, which meet all European quality standards, including EURO V. Engines of K&S inverter generators have an Economy mode, which allows using the generator at low speeds and reduces fuel consumption by up to 50%. Engines of inverter generators from Könner & Söhne have an Economy mode, which allows using the generator at low speeds and reduces fuel consumption by up to 50%.



Economy mode



Pure sine wave



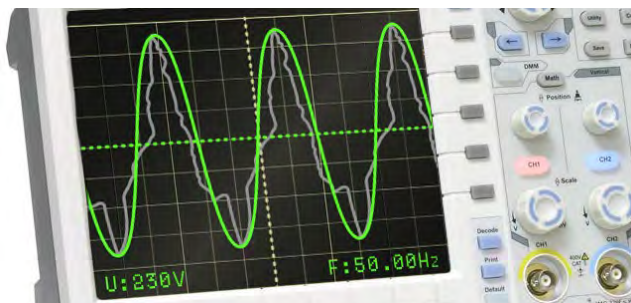
Low noise level



Convenient transportation

TRADITIONELLE DEUTSCHE QUALITÄT

Inverter generators



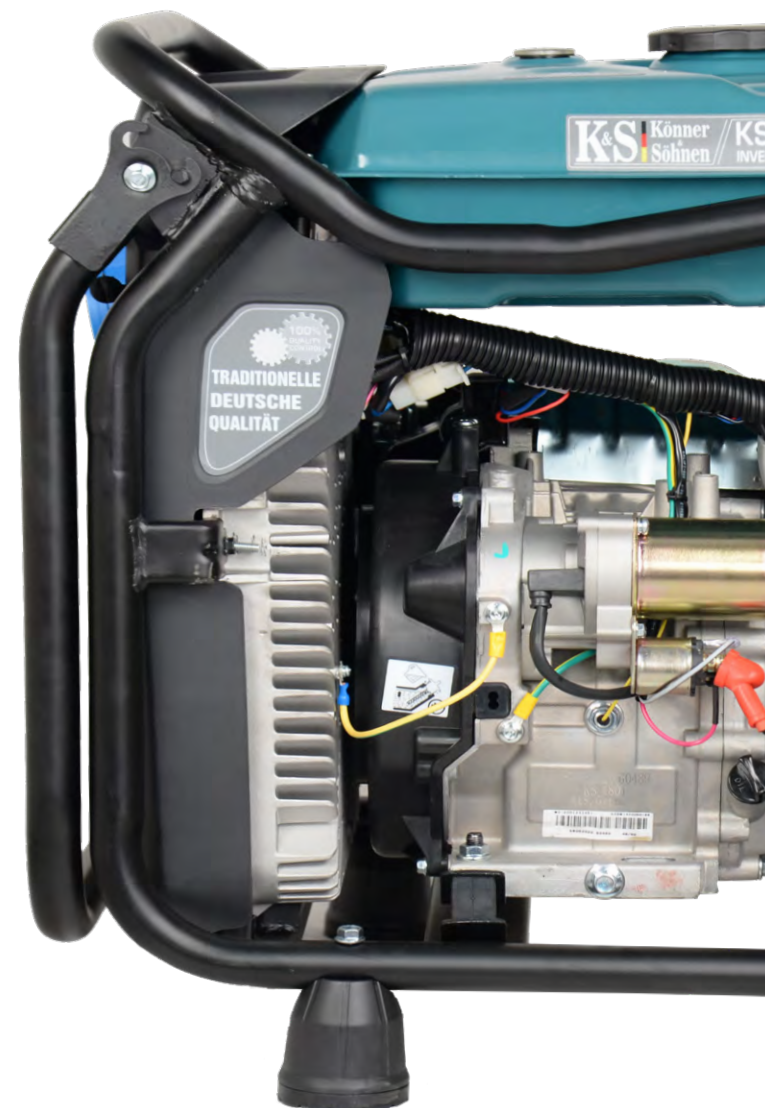
PURE SINE WAVE

Double conversion of electric energy provides the pure sine wave, which enables to use generators with sensitive equipment. It ensures reliable operation of high-precision electronics, electronic measuring instruments, medical devices, heating boilers, etc.



ECONOMY MODE

Engines of inverter generators from Könner & Söhne have an Economy mode. This mode allows using the inverter generator at low speeds and reduces fuel consumption by up to 50%. The air choke control system adjusts the engine speed depending on the load.



PARALLEL CONNECTION

Parallel connection ensures increased power. Using a parallel connection device connected to a special socket on the generator, you can pair the generators and connect devices with greater power.



TWO TYPES OF EXECUTION

Inverter generators from Könner & Söhne have two types of execution: soundproof housing with a minimum noise level and a more economical execution with an open frame.

Inverter generators

TM Könner & Söhne engines are reliable, high-performance and cost-effective, and conform to European quality standards, including the latest Euro V emission standard.



1.8 – 8.0 kW

Generator power



230V

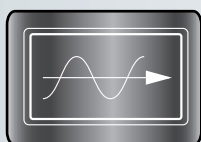
Voltage



2.5 – 16 HP

Engine power

MANUAL / ELECTRO ENGINE START



Pure sine wave



Ideal for reliable operation of sensitive and high-precision electronics

LED display: operating hours, frequency, voltage, oil alarm

Transport handle

3-in-1 easy engine start system

ECONOMY MODE switch

Generators in soundproof housing with minimal noise level

Two USB ports
5 V/1 A, 5 V/2.1 A

Generator parallel connection outputs

Equipped with transport system for easy handling

POSSIBILITY PARALLEL CONNECTION

(additional device for double power)



NEW

TRADITIONELLE DEUTSCHE QUALITÄT

Gasoline inverter generators



NEW

KS 2000i S KS 4000iE S

Generators in soundproof housing with minimal noise level



Max power	2.0-4.0 kW
Nominal power	1.8-3.5 kW
Voltage	230V
Frequency	50Hz
Engine start	manual/electro



NEW

KS 4000iE KS 8100iE KS 8100iE ATSR

Generators with open frame



Max power	4.0-8.0 kW
Nominal power	3.6-7.2 kW
Voltage	230V
Frequency	50Hz
Engine start	manual/electro



TM Könner & Söhne engines are reliable, high-performance and cost-effective, and conform to European quality standards, including the latest Euro V emission standard.

Gasoline inverter generators


NEW!
KS 2000i S
230V | 50Hz

NEW!
KS 4000iE S
230V | 50Hz

NEW!
KS 4100iE
230V | 50Hz

NEW!
KS 8100iE
230V | 50Hz

NEW!
KS 8100iE ATSR
230V | 50Hz

Max power, kW	2.0	4.0	4.0	8.0	8.0
Nominal power, kW	1.8	3.5	3.6	7.2	7.2
Current, A (max)	8.7	17.4	17.4	34.8	34.8
Outlets	1x16A	2x16A	2x16A	1x16A, 1x32A	1x16A, 1x32A
LED display	voltage, frequency, working hours	multifunctional*	voltage, frequency, working hours		
Fuel tank volume, l	4	12.5	12.5	20	20
Noise level Lpa (7m)/Lwa, dB	62/87	66/91	70/95	70/95	70/95
Power output DC, V/A	-	1x8.3A (12V)	1x8.3A (12V)	1x8.3A (12V)	1x8.3A (12V)
USB-Outputs	5V/1A, 5V/2.1A	5V/1A, 5V/2.1A	5V/1A, 5V/2.1A	5V/1A, 5V/2.1A	5V/1A, 5V/2.1A
Engine model	KS 100i	KS 240i	KS 240i	KS 480i	KS 480i
Engine type	gasoline powered one-cylinder, four-stroke air-cooled				
Engine power hp	2.5	7.5	7.5	16	16
Crank case volume, cm ³	79.7	223	223	458	458
Engine cylinder volume, cm ³	0.35	0.6	0.6	1.1	1.1
Generator parallel socket	+	+	+	-	-
Engine start	manual	manual/electro	manual/electro	electro	electro
Lithium battery, Ah	-	1.6	1.6	1.6	1.6
ATS input	-	-	-	-	+
Net dimensions (LxWxH), mm	480x280x460	620x440x510	530x410x430	600x510x560	600x510x560
Net/Gross weight, kg	15.6/18	40/43.4	36.7/39	65.8/69.2	68/71
Protection class	IP23M				

* Multifunctional LED-display: load, fuel level, voltage, frequency, working hours; overload indicator, voltage indicator, oil level indicator.

LPG/Gasoline inverter Generators **LPG**



NEW!

KS 2000iG S KS 4000iEG S

Generators in soundproof housing with minimal noise level



Max power	2.0-4.0 kW
Nominal power	1.8-3.5 kW
Voltage	230V
Fuel type	LPG/Gasoline
Frequency	50Hz
Engine start	manual/electro



NEW!

KS 4000iE G KS 8100iEG KS 8100iEG ATSR

Generators with open frame



Max power	4.0-8.0 kW
Nominal power	3.6-7.2 kW
Voltage	230V
Fuel type	LPG/Gasoline
Frequency	50Hz
Engine start	manual/electro



TM Könner & Söhne engines are reliable, high-performance and cost-effective, and conform to European quality standards, including the latest Euro V emission standard.

TRADITIONELLE DEUTSCHE QUALITÄT

LPG/Gasoline Inverter Generators



	KS 2000iG S 230V 50Hz	KS 4000iEG S 230V 50Hz	KS 4100iEG 230V 50Hz	KS 8100iE G 230V 50Hz	KS 8100iEG ATSR 230V 50Hz
Max power, kW	2.0*	4.0*	4.0*	8.0*	8.0*
Nominal power, kW	1.8*	3.5*	3.6*	7.2*	7.2*
Current, A (max)	8.7	17.4	17.4	34.8	34.8
Outlets	1x16A	2x16A	2x16A	1x16A, 1x32A	1x16A, 1x32A
LED display	voltage, frequency, working hours	multifunctional**		voltage, frequency, working hours	
Fuel tank volume, l	4	12.5	12.5	20	20
Noise level Lpa (7m)/Lwa, dB	62/87	66/91	70/95	70/95	70/95
USB-Outputs	5V/1A, 5V/2.1A	5V/1A, 5V/2.1A	5V/1A, 5V/2.1A	-	-
Engine model	KS 100i	KS 240i	KS 240i	KS 480i	KS 480i
Engine type	LPG/gasoline powered one-cylinder, four-stroke air-cooled				
Engine power hp	2.5	7.5	7.5	16	16
Crank case volume, cm ³	79.7	223	223	458	458
Engine cylinder volume, cm ³	0.35	0.6	0.6	1.1	1.1
Generator parallel socket	+	+	+	-	-
Engine start	manual	manual/electro	manual/electro	manual	manual
Lithium battery, Ah	-	1.6	1.6	1.6	1.6
ATS input	-	-	-	-	+
Net dimensions (LxWxH), mm	480x280x460	620x440x510	530x410x430	600x510x560	600x510x560
Net/Gross weight, kg	18/23	40/46	38/44	68/74	68/74
Protection class	IP23M				

* LPG operation reduces generator power by 10%.

** Multifunctional LED-display: load, fuel level, voltage, frequency, working hours; overload indicator, voltage indicator, oil level indicator.

Additional equipment

Generator parallel connection box



KS PU1

KS PU1 generator parallel connection box from Könner & Söhne allows to increase the total output power of generators by connecting two inverter generators together. Parallel connection of two identical generator models ensures double output power of these models.

Voltage	230 V
Sockets	1*16A, 1*32A
Circuit breaker	230 V
Maximum power	7 kW
Cable length	2*180 cm
Cable	AWG 2.08 mm²
Net/Gross weight	1.5/2.5 kg

For inverter generators. Sold only with the generator



8-pin input for ATS



KS ATS 4/25 Gasoline

The ATS (automatic transfer switch) unit automatically starts the generator and transfers the load to it when the main power source is turned off.

Power 230V	5,75 (11,5) kW
Power 400V	13 kW
Voltage	230 V/400 V
Current (max) 230V	25A (50A)
Current (max) 400V	25A
Net dimensions	320x250x140 mm
Net/Gross weight	4.5/5.5 kg

For inverter generators. Sold only with the generator



Transportation kits

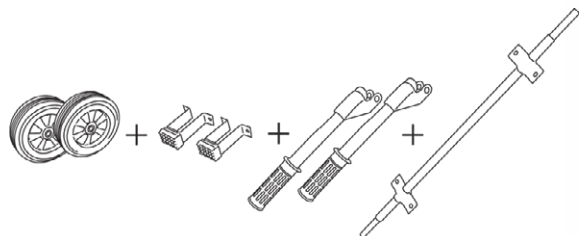


KS 3 KIT

Suitable for all models of gasoline generators: KS 3000.

- Mounting kit - 1 pcs.
- Wheels - 2 pcs.
- Handles - 2 pcs.
- Support legs - 2 pcs.

Net/Gross weight - 5.0/5.6 kg



KS 7 KIT

Suitable for all models of gasoline generators: KS 7000 and KS 10000 (steel frame Ø28 cm).

- Mounting kit - 1 pcs.
- Wheels - 2 pcs.
- Handles - 2 pcs.
- Support legs - 2 pcs.

Net/Gross weight - 5.12/5.66 kg



KS 6-9D KIT

Suitable for all modifications of diesel generators with open frame: KS 6000, KS 8000, KS 9000 and gasoline generators KSB 6500C, KSB 6500CE

- Wheels - 4 pcs.



KS 10 KIT

Suitable for all models of gasoline generators: KS 10000 (steel frame Ø32 cm).

- Mounting kit - 1 pcs.
- Wheels - 2 pcs.
- Handles - 2 pcs.
- Support legs - 2 pcs.

Net/Gross weight - 5.24/5.78 kg



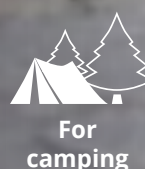
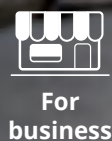
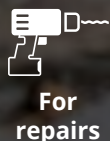
Könner & Söhne cord reels and extension cables

NEW

Extension cables from TM „Könner & Söhne“ are intended for use both indoors and outdoors, on construction sites, in agriculture, as well as in places with high humidity. Könner & Söhne cables are very durable and can withstand severe operating conditions and mechanical stress (shocks, fall, runover).

They are made of flexible power cord with 100% copper conductors in rubber insulation, which provides resistance to weathering, UV radiation, and ozone. In addition, they are protected from chemical aggression, greases, lubricants and mineral oils. Extension cables are halogen-free with low smoke and low corrosive gases emission.

Könner & Söhne power cables maintain high flexibility and elasticity at low temperatures down to -40 °C, and at high temperatures up to +90 °C, which allows them to be used outdoors.



TRADITIONELLE DEUTSCHE QUALITÄT

K&S CORD REELS

CORD IS ELASTIC AT ANY TEMPERATURES (-40 °C TO +90 °C)



3000 – 3600 W

Total power (Unwound cable)



15 – 30 m

Cable length



4x16A/230V

Sockets with protective cap

RESISTANCE TO EXPOSURE:

- ✓ bend resistance
- ✓ torsion resistance
- ✓ moisture resistance
- ✓ UV radiation, ozone, chemicals, greases, lubricants and mineral oils, mechanical stress



Reel is equipped with a 100% copper cable. Only copper is able to withstand long-term maximum loads, which makes the cable durable and extends its service life.

Ergonomic rubber handle for comfortable handling

Cable sheath made of neoprene rubber - durable and heat resistant material

100% Copper wire

100% rubber insulation (resistant to farmer's and industrial chemicals)

Sockets with protective cap 4x16A (230V)

Latch for blocking arbitrary unwinding of the reel

Mount for adjusting cable direction

Latch for blocking arbitrary unwinding of the reel

Cable clamp



It has an IP44 protection class, which allows it to be used externally, as well as at high humidity, thanks to protection against accidental ingress of water droplets and solid particles.

TÜV Rheinland cable type certification according to EN 50525-2-21, RoHS Compliant



TRADITIONELLE DEUTSCHE QUALITÄT

K&S CORD REELS

CABLE SPECIFICATIONS

Cable type: H07RN-F 3G2,5

- H - flexible cable
- 07 - rated voltage 450 / 750V
- R - natural or synthetic rubber insulation
- N - Chloropren-Gummihülle
- F - copper conductors
- G - yellow-green ground wire
- Number of cores - 3
- Cable color - black

STRUCTURAL CHARACTERISTICS:

- Robust metal frame structure, resistant to damage
- Ergonomic rubber handle for comfortable handling
- Cable clamp
- Mount for adjusting cable direction
- Latch for blocking arbitrary unwinding of the reel



Reel is equipped with a 100% copper cable. Only copper is able to withstand long-term maximum loads, which makes the cable durable and extends its service life.



KS CR-15M

Total power (unwound cable)	3000 W
Cable length	15 m
Cable	3*1.5 mm
Outer cable diameter	10 mm
Plug	1x16A/230V
Sockets with protective cap	4x16A/230V
Material of extension board reel	plastic



KS CR-25M

Total power (unwound cable)	3600 W
Cable length	25 m
Cable	3*2.5 mm
Outer cable diameter	11 mm
Plug	1x16A/230V
Sockets with protective cap	4x16A/230V
Material of extension board reel	plastic



KS CRM-30M

Total power (unwound cable)	3600 W
Cable length	30 m
Cable	3*2.5 mm
Outer cable diameter	11 mm
Plug	1x16A/230V
Sockets with protective cap	4x16A/230V
Material of extension board reel	metal



Extension cable

SOCKET ADAPTER 32A → 16A

CABLE SPECIFICATIONS

Cable type: **H07RN-F 3G2,5**

- **H** - flexible cable
- **07** - rated voltage 450 / 750V



KS EX1M-1S

Total power	3600 W
Rubber cable length	1 m
Cable	3*1.5 mm
Plug	1x32A/250V
Sockets with protective cap	1x16A/250V



Cable is equipped with a 100% copper cable. Only copper is able to withstand long-term maximum loads, which makes the cable durable and extends its service life. The socket adapter has a protection class of IP44, which allows you to use it externally, as well as at high humidity, thanks to protection against accidental ingress of water droplets and solid particles.

- **R** - natural or synthetic rubber insulation
- **N** - chloroprene rubber sheath
- **F** - copper conductors



KS EX1.5M-3S

Total power	5000 W
Rubber cable length	1.5 m
Cable	3*2.5 mm
Plug	1x32A/250V
Sockets with protective cap	3x16A/250V



- **G** - yellow-green ground wire
- Number of cores - 3
- Cable color - black



KS EX3M-4S

Total power	5000 W
Rubber cable length	3.0 m
Cable	3*2.5 mm
Plug	1x32A/250V
Sockets with protective cap	4x16A/250V



Cord reels and extension cables



Reel is equipped with a 100% copper cable. Only copper is able to withstand long-term maximum loads, which makes the cable durable and extends its service life.



KS CR-15M



KS CR-25M



KS CRM-30M

Total power (unwound cable), W	3000	3600	3600
Cable length, m	15	25	30
Plug	1x16A/230V	1x16A/230V	1x16A/230V
Sockets with protective cap	4x16A/230V	4x16A/230V	4x16A/230V
Cable	3*1.5 mm ²	3*2.5 mm ²	3*2.5 mm ²
Material of extension board reel	plastic	plastic	metal
Cable reel diameter, mm	335	380	390
Protection class		IP44	
Net/Gross weight, kg	3.2/4	6.5/7	7.8/8.5

SOCKET ADAPTER 32A → 16A



The socket adapter has a protection class of IP44, which allows you to use it externally, as well as at high humidity, thanks to protection against accidental ingress of water droplets and solid particles.



KS EX1M-1S



KS EX1.5M-3S



KS EX3M-4S

Total power, W	3600	5000	5000
Cable length, m	1	1.5	3
Plug	1x32A/250V	1x32A/250V	1x32A/250V
Sockets with protective cap	1x16A/250V	3x16A/250V	4x16A/250V
Cable	3*1.5 mm ²	3*2.5 mm ²	3*2.5 mm ²
Protection class		IP44	
Net/Gross weight, kg	0.36/0.40	0.70/0.78	1.45/1.55

Log splitters

NEW

The range of log splitters from Könner & Söhnen comprises gasoline and electric models of hydraulic and kinetic types.

The use of powerful motors in combination with high-quality components allows splitting a large number of logs, both very dry and wet, with a log diameter ranging from 30 to 55 cm and the maximum splitting length reaching 65 cm. These units are suitable for both private and commercial use.

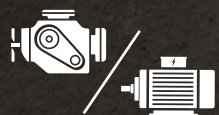
Kinetic log splitters from Könner & Söhnen are high-performance machines with a cycle time of up to 2 seconds. They are thus 5-7 times faster than hydraulic log splitters. To split a log, you just need to raise the lever and allow the log splitter to do the rest of the job for you.

Electric log splitters from Könner & Söhnen are compact and mobile devices equipped with a robust 2000 W motor. They are easy to operate, environmentally friendly and can be operated even indoors.

Log splitters are equipped with a cutting-edge engine that meets all European quality standards, including the EURO V emission standard. The powerful and high-performance KS 27TKG-65/55 hydraulic log splitter with a splitting force of 27 tons combines the capabilities of horizontal and vertical automated processes, which is especially suitable for splitting large logs.

Durable metal structure with anti-corrosion coating are designed so that you do not have to lift heavy and large logs high. Hydraulic log splitters can be equipped with a special protective grill, which creates a comfortable and safe working environment for the operator and bystanders. Smooth operation allows safe splitting of logs, so that you have plenty of time to put in another log..

All log splitters are equipped with pneumatic wheels for easy movement.



Electric/Gasoline engine



Splitting force 7-27 ton



Max. splitting length 520-650 mm



Max. splitting diameter Ø300-550 mm

TRADITIONELLE DEUTSCHE QUALITÄT




Log splitters

NEW

ELECTRIC AND GASOLINE
(HYDRAULIC AND KINETIC TYPE)

TM Könner & Söhnen engines are reliable, high-performance and cost-effective, and conform to European quality standards, including the latest Euro V emission standard.



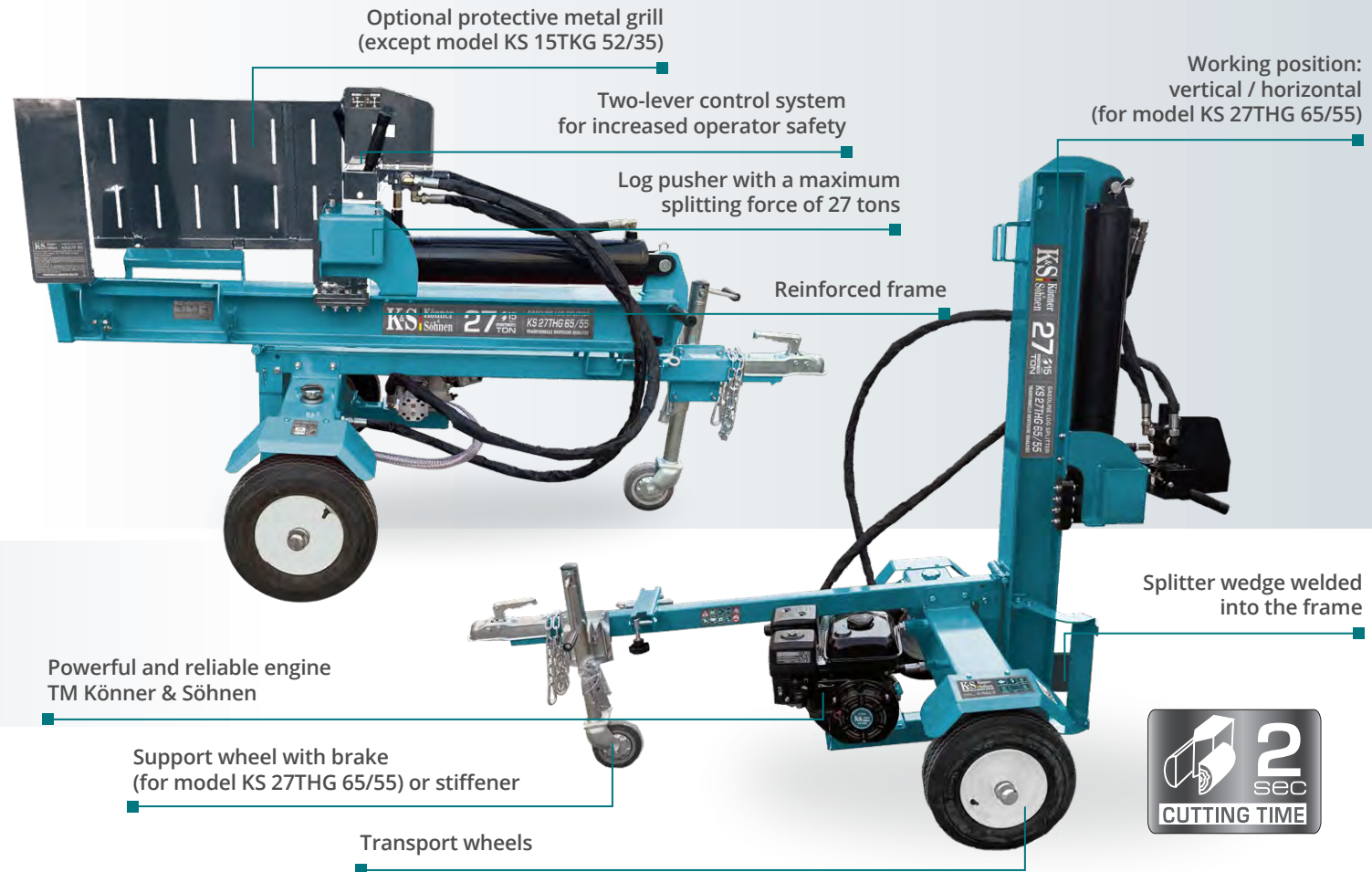
-  **7 – 27 ton**
Splitting force
-  **520 – 650 mm**
Max. splitting length
-  **300 – 550 mm**
Max. splitting diameter

ELECTRIC / GASOLINE ENGINES



OPTIONAL ACCESSORIES

- They come complete with:
- protective metal grill (KS 7T-PC, KS 8T-PC, KS 27T-PC);
 - 4-way splitter wedge (KS 7T-BL, KS 27T-BL);
 - support bracket for model KS Bracket.



TRADITIONELLE DEUTSCHE QUALITÄT

Log splitters

ELECTRIC (HYDRAULIC AND KINETIC TYPE)

TM Könner & Söhne engines are reliable, high-performance and cost-effective, and conform to European quality standards, including the latest Euro V emission standard.



KS 7THE 52/30

HYDRAULIC TYPE



Engine power	2000 W
Splitting force	7 ton
Max. splitting length	520 mm
Max. splitting diameter	300 mm
Cutting time	~ 10 sec.
Working position	horizontal



KS 8TKE 52/35

KINETIC TYPE



Engine power	2000 W
Splitting force	8 ton
Max. splitting length	520 mm
Max. splitting diameter	350 mm
Cutting time	~ 2 sec.
Working position	horizontal



* OPTIONAL ACCESSORIES:

Protective kit (polycarbonate glasses, safety gloves, and ear muffs). They come complete with: protective metal grill KS 7T-PC, 4-way splitter wedge KS 7T-BL and support bracket KS Bracket.

** OPTIONAL ACCESSORIES:

Protective kit (polycarbonate glasses, safety gloves, and ear muffs). They come complete with: protective metal grill KS 8T-PC.

Log splitters

GASOLINE (HYDRAULIC AND KINETIC TYPE)

TM Könner & Söhne engines are reliable, high-performance and cost-effective, and conform to European quality standards, including the latest Euro V emission standard.



NEW



NEW

KS 15TKG 52/35

KINETIC TYPE



Engine power	6.5 HP
Splitting force	15 ton
Max. splitting length	520 mm
Max. splitting diameter	350 mm
Cutting time	~ 2 sec.
Working position	horizontal



* OPTIONAL ACCESSORIES:

Protective kit (polycarbonate glasses, safety gloves, and ear muffs).

KS 27THG 65/55

HYDRAULIC TYPE



Engine power	6.5 HP
Splitting force	27 ton
Max. splitting length	650 mm
Max. splitting diameter	550 mm
Cutting time	~ 15 sec.
Working position	vertical / horizontal



** OPTIONAL ACCESSORIES:

Protective kit (polycarbonate glasses, safety gloves, and ear muffs).

They come complete with: protective metal grill KS 27T-PC and 4-way splitter wedge KS 27T-BL.

Log splitters

HYDRAULIC AND KINETIC TYPE



KS 7THE 52/30
HYDRAULIC TYPE

KS 8TKE 52/35
KINETIC TYPE

KS 15TKG 52/35
KINETIC TYPE

KS 27THG 65/55
HYDRAULIC TYPE

Voltage, V	230	230	-	-
Frequency, Hz	50	50	-	-
Engine power	2000 W	2000 W	6.5 hp	6.5 hp
Splitting force, ton	7	8	15	27
Engine type	electric	electric	gasoline	gasoline
Max. splitting length, mm	520	520	520	650
Max. splitting diameter, mm	300	350	350	550
Cutting time, sec.	~ 10	~ 2	~ 2	~ 15
Working position	horizontal	horizontal	horizontal	vertical/horizontal
Flywheel rotation speed, rpm	-	400	450	-
Winding type	copper	copper	-	-
Wheels	6"	8"	12"	16" * 4.8-8.4 support wheel with brake
Gross dimensions (LxWxH), mm	980x340x480	1320x400x680	1720x550x880	2240x1200x1200
Net/Gross weight, kg	47/49	110/130	97/110	230/295
Protection class	IP54M			

Wood chippers shredders

NEW



Engine power
6.5-15 HP



Max. chipping capacity
3"/76 - 5"/120 mm



Max. Blade speed
3000 rpm



Two high-speed
steel blades

Dimax Int. GmbH (Germany) expands the range of garden equipment and proudly presents highly mobile and mains-independent gasoline wood chippers shredders from Könner & Söhne. These units are often used in private country houses, in the field, vineyards and gardens of large size, and useful for utilities during cleaning of parks, squares, etc.

Removing dry tree branches and pruning shrubs can create tons of waste, and burning such waste is prohibited by law as it poses a threat not only to human health, but also to the environment. Using a shredder will easily solve this problem. Waste recycling will not only save your money, but also conserve natural resources.

Wood chippers shredders are equipped with high-speed hardened carbon steel blades that can process all types of wood and other plant waste from dry material up to fresh wood waste up to 120 mm in diameter.

Cutting edge gasoline engines meet all European quality standards, including EURO V. The massive structure of the KS 700WS wood chipper shredder and the extremely efficient 420 cm³ 15 HP engine make this device extremely reliable, robust, durable and ready for continuous use.

The machine's low center of gravity makes this device stable and easy to maneuver despite its weight. Shredders are equipped with pneumatic wheels for easy movement even on uneven surfaces, for example, on gravel or soil.

TRADITIONELLE DEUTSCHE QUALITÄT

Wood chippers shredders

NEW

GASOLINE

TM Könner & Söhne engines are reliable, high-performance and cost-effective, and conform to European quality standards, including the latest Euro V emission standard.



6.5 – 15 HP

Engine power



1100 – 1600 mm

Chip ejection height



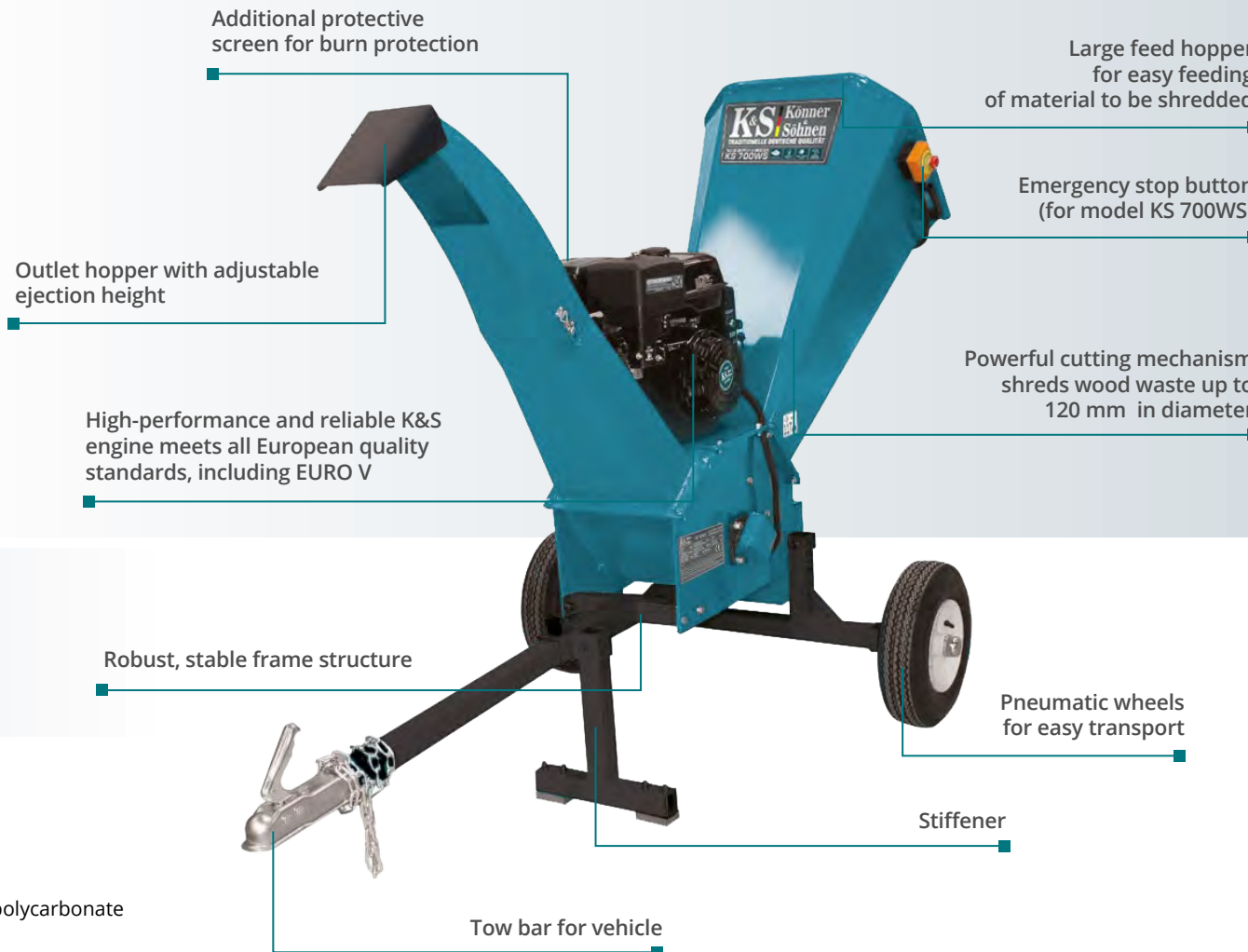
3000 rpm

Max. Blade speed



Manual or electric

Engine start



Additional protective screen for burn protection

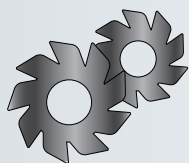
Large feed hopper for easy feeding of material to be shredded

Emergency stop button (for model KS 700WS)

Outlet hopper with adjustable ejection height

Powerful cutting mechanism shreds wood waste up to 120 mm in diameter

High-performance and reliable K&S engine meets all European quality standards, including EURO V



TWO HIGH-SPEED HARDENED CARBON STEEL BLADES

Robust, stable frame structure

Pneumatic wheels for easy transport

Stiffener

Tow bar for vehicle



ADDITIONAL ACCESSORIES

Wood chippers shredders come complete with polycarbonate glasses, gloves, and headphones.

TRADITIONELLE DEUTSCHE QUALITÄT

Wood chippers shredders

GASOLINE

TM Könner & Söhne engines are reliable, high-performance and cost-effective, and conform to European quality standards, including the latest Euro V emission standard.



KS 500WS

Engine power	6.5 HP
Chip ejection height	1100 mm
Max. chipping capacity	3"/76 mm
Engine start	manual



Protective kit (polycarbonate glasses, gloves, headphones).



KS 700WS

Engine power	15 HP
Chip ejection height	1600 mm
Max. chipping capacity	5"/120 mm
Engine start	manual / electro



Protective kit (polycarbonate glasses, gloves, headphones).

Wood chippers shredders

GASOLINE



NEW

KS 500WS



NEW

KS 700WS

Engine power, HP	6.5	15
Engine start	manual	manual / electro
Number of cutting blades, pcs.	2	2
Max. chipping capacity, mm	3"/76	5"/120
Chip ejection height, mm	1100	1600
Shredded chip size, mm	10-15	10-20
Max. Blade Speed, rpm	3000	3000
Engine type	gasoline 4 stroke	
Engine cylinder volume, cm ³	196	420
Engine model	KS 230	KS 440
Engine speed, rpm	3600	3600
Crank case volume, l	0.6	1.1
Fuel tank volume, l	3.6	6.5
Wheels	12"	16"
Gross dimensions (LxWxH)	1500x740x1300	2550x1100x1600
Net dimensions (LxWxH)	880x480x760	1140x660x1120
Net/Gross weight, kg	95/110	210/230
Protection class	IP54M	

Water pumps

NEW

Dimax Int. GmbH (Germany) expands its range of gasoline motor pumps and presents an updated line of motor pumps from Könner & Söhnen with a wider field of application. The new season boasts two brand new pump models - for heavily contaminated water and aggressive liquids (sea water, chemicals) - as well as improved existing models. All motor pumps from TM "Könner & Söhnen" now feature a reinforced steel frame for Heavy-Duty operations, increased service life and more powerful engines.

Motor pumps from Könner & Söhnen are perfect for country houses, cottages, plots where there is a need for pumping water: pumping it out of basements and wells, draining flooded areas, watering fields, etc. They require no power supply and therefore can be used in places remote from stationary outlets.



Powerful and
reliable engines



For clean/dirty
water



Max. Lifting
height 20-50 m




For chemicals liquids
(sea water, chemicals)

TRADITIONELLE DEUTSCHE QUALITÄT

Water pumps

- ✓ FOR CLEAN WATER
- ✓ FOR DIRTY WATER
- ✓ FOR WASTE WATER
- ✓ HIGH-PRESSURE
- ✓ FOR CHEMICALS LIQUIDS
(sea water, chemicals)

 **6.5 – 9.0 HP**
Engine power

 **20 – 50 m**
Max. Lifting height

 **500 – 1100 l/min**
Max. productivity

ADDITIONAL EQUIPMENT



TM Könner & Söhne engines are reliable, high-performance and cost-effective, and conform to European quality standards, including the latest Euro V emission standard.



Capacious fuel tank

Reinforced frame construction for Heavy Duty tasks

Steel frame
Ø 28 mm

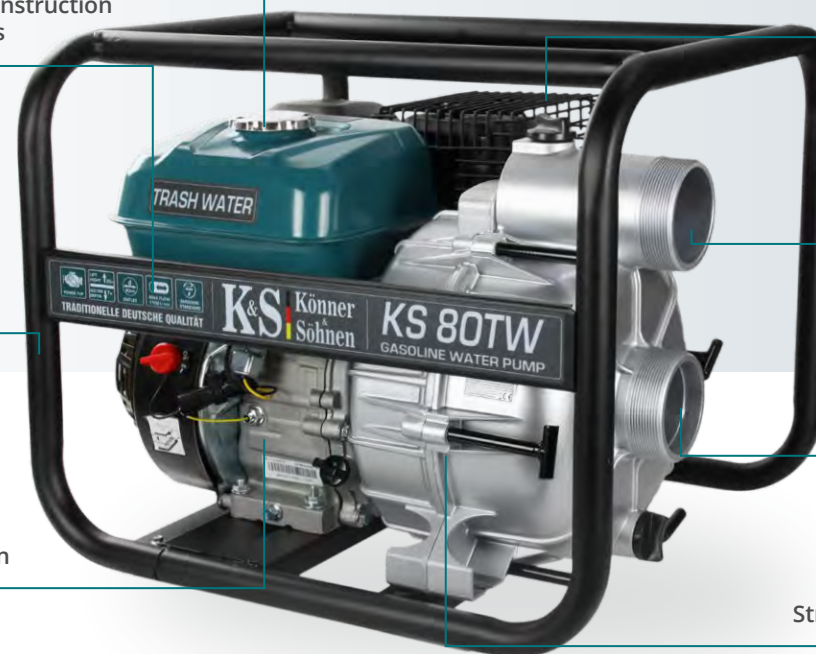
Powerful and economic engine
TM Könner & Söhne

Additional protective screen to prevent burns

Enlarged air-filter

Wide suction orifice

Strong housing



Water pumps

FOR CLEAN WATER

Motor pumps from Könner & Söhnen are perfect for country houses, cottages, plots where there is a need for pumping water: pumping it out of basements and wells, draining flooded areas, watering fields, etc.



KS 50

Max. productivity
Max. lifting height
Max. suction depth
Engine start
Dimensions (WxLxH)

500 l/min
28 m
7 m
manual
510x440x440 mm



KS 80

Max. productivity
Max. lifting height
Max. suction depth
Engine start
Dimensions (WxLxH)

1000 l/min
28 m
7 m
manual
510x440x440 mm



TM Könner & Söhnen engines are reliable, high-performance and cost-effective, and conform to European quality standards, including the latest Euro V emission standard.

Water pumps

FOR DIRTY WATER



KS 80TW

The high-performance KS 80 TW trash water motor pump from Könner & Söhnen is designed for pumping liquids containing up to 25% of solids up to 20x25 mm in size. The primary consumers of the KS 80 TW trash water motor pump are utility service providers, farm businesses and construction companies. Before getting started, be sure to fill the pump with clean water. 5-10 after the start, the pump must be stopped and refilled to remove air from the working area and increase its performance.

Max. productivity
Max. lifting height
Max. suction depth
Engine start
Dimensions (WxLxH)

1100 l/min
26 m
7 m
manual
540x470x450 mm



FOR HEAVILY CONTAMINATED WATER



NEW!

KS 80MW

The KS 80MW motor pump for heavily contaminated water from Könner & Söhnen is a high-performance device with a reinforced steel frame that is suitable for pumping large quantities of heavily contaminated liquids containing sewage residues sized up to 25 mm. Thanks to its robust design, the KS 80MW motor pump is suitable for heavy-duty operations, is perfect for pumping muddy water out of ponds, sewage water, cleaning rivers and lakes, and is successfully used for pumping waste water on drilling sites.

Max. productivity
Max. lifting height
Max. suction depth
Engine start
Dimensions (WxLxH)

1000 l/min
20 m
7 m
manual
725x540x600 mm



TM Könner & Söhnen engines are reliable, high-performance and cost-effective, and conform to European quality standards, including the latest Euro V emission standard.

TRADITIONELLE DEUTSCHE QUALITÄT

Water pumps

HIGH-PRESSURE



KS 50HP

The pressure head of high-pressure motor pump from Könner & Söhnen can reach 70 m; therefore, this pump is also called the fire pump. It is mainly used to extinguish fire or for other works at height, as well as for pumping clean water, draining tanks and irrigation. The KS 50 HP fire pump can supply water in three directions and has 1 inlet and 3 outlets for connecting hoses: 1x intake hose (50 mm), 1x pressure hose (50 mm) and 2x spare pressure hoses (38 mm). With so many nozzles, water supply speed and overall performance are improved. Water can be pumped in three different directions at the same time with just one unit.

Max. productivity
Max. lifting height
Max. suction depth
Engine start
Dimensions (WxLxH)

500 l/min
50 m
7 m
manual
495x445x445 mm



FOR CHEMICALS LIQUIDS
(sea water, chemicals)



KS 80CW

The KS 80CW motor pump for aggressive liquids from TM "Könner & Söhnen" is intended for pumping sea water, weak acids, liquids with high flash point. It can be used in agriculture for fertilization, in the chemical and construction industries for conveying of toxic substances and chemical solutions.

It is not suitable for pumping high-reactive, combustible, caustic liquids, solvents or gasoline.

Max. productivity
Max. lifting height
Max. suction depth
Engine start
Dimensions (WxLxH)

1000 l/min
26 m
7 m
manual
605x435x480 mm



TM Könner & Söhnen engines are reliable, high-performance and cost-effective, and conform to European quality standards, including the latest Euro V emission standard.

TRADITIONELLE DEUTSCHE QUALITÄT

Water pumps

FOR CLEAN WATER | FOR DIRTY WATER | HIGH-PRESSURE | FOR CHEMICALS LIQUIDS



KS 50



KS 80



KS 80TW



NEW!

KS 80MW



KS 50HP



NEW!

KS 80CW

Type of water pump	for clean water	for clean water	for dirty water	for waste water	high-pressure	for chemicals liquids (sea water, chemicals)
Diameter of inlet/outlet pipe, mm	50/50	80/80	80/80	80/80	50/40, 50, 40	80/80
Max. productivity, l/min	500	1000	1100	1000	500	1000
Nominal flowrate, rpm	3600	3600	3600	3600	3600	3600
Max. lifting height, m	28	28	26	20	50	26
Max. suction depth, m	7	7	7	7	7	7
Engine model	KS 200	KS 200	KS 250	KS 280	KS 250	KS 250
Engine type	gasoline 4-stroke					
Engine power, HP	6.5	6.5	7.0	9.0	7.0	7.0
Engine volume, cm ³	196	196	212	269	212	212
Engine start	manual					
Fuel tank volume, l	3.6	3.6	3.6	6.0	3.6	3.6
Noise level Lpa (7m)/Lwa, dB	79/104	79/104	79/104	79/104	79/104	79/104
Dimensions (LxWxH), mm	510x440x440	510x440x440	540x470x450	725x540x600	495x445x445	605x435x480
Net/Gross weight, kg	24/26	26/28	35/37	60/63	29/31	28/30

All-weather multifunction machine

This high-performance machine combines multiple functions for agricultural work throughout the year. The outstanding feature of this machine is self-propelled capacity and active attachments, which eliminate the need for extra user effort and allow the machine to cope with a wide range of tasks. A variety of attachments mounted on the motor block of the multifunction machine can be used for such works as cleaning snow, dust, dirt, fallen leaves or other debris. A machine with such features will be useful not only in a private house with a backyard, a country house, but also for hotel facilities, suburban guest houses, garden societies, etc.

NEW

5 KEY ADVANTAGES OF KÖNNER & SÖHNEN MULTIFUNCTION MACHINE

- ✔ **COST SAVER**
No need to buy separate units.
- ✔ **OPERATION AND MAINTENANCE SAVER**
No need to refuel and maintain various units.
- ✔ **TIME SAVER**
Attachments can be changed in seconds without additional tools and special skills.
- ✔ **STORAGE SPACE SAVER**
With compact design, the machine takes up space of only one item and is used all year round rather than standing idle most of the year.
- ✔ **EFFORT SAVER**
No need to assemble and disassemble various units, just replace the attachment.



Indispensable assistant
at any time of the year

TRADITIONELLE DEUTSCHE QUALITÄT

Multifunction machine 4 in 1

INTENDED FOR AGRICULTURE

INDISPENSABLE ASSISTANT
AT ANY TIME OF THE YEAR



6.5 HP

Engine power



60 – 80 cm

Working width



Direct

Drive

NEU!

QUALITY IN DETAILS

All connections and fasteners are perfectly thought out and designed with a safety margin for long-lasting and reliable operation of the machine

MAXIMUM PRODUCTIVITY

A direct drive transmission has increased power and ensures better performance with each attachment

ALL-SEASON HIGH-TREAD TIRES

Wide wheels 13*4.1-6 with all-season high-tread tires provide excellent ground and snow passability

MANEUVERABILITY AND VERSATILITY

Compact size and small angle of turn provide versatility and increased maneuverability of this model with the entire range of attachments even in confined spaces

PROPRIETARY K&S ENGINE

Reliable, robust and heavy-load 6.5 HP K&S gasoline engine meets the latest EURO V emission standard



ACCESSORIES

LED lamp - KS MFM LAMP

Anti-skid chain - KS MFM SC 13/4.1

TM Könner & Söhne engines are reliable, high-performance and cost-effective, and conform to European quality standards, including the latest Euro V emission standard.



TRADITIONELLE DEUTSCHE QUALITÄT

Multifunction machine 4 in 1

INTENDED FOR AGRICULTURE

INDISPENSABLE ASSISTANT
AT ANY TIME OF THE YEAR



NEW

KS 7HP-MFM 60

KS 7HP-MFM 80E

Engine start	manual	manual/electro
Engine power, HP	6.5	6.5
Engine model	KS 220	KS 220
Drive	direct	direct
Engine type	gasoline	gasoline
Fuel tank volume, l	3.6	3.6
Fuel consumption, l/h	1.2 - 1.8	1.2 - 1.8
Net/gross weight, kg	72/80	78/88

QUICK CHANGE OF ATTACHMENTS



WORKING WIDTH 60 CM OR 80 CM



ENGINE START MANUAL/ELECTRIC



Multifunction machine 4 in 1

INTENDED FOR AGRICULTURE

INDISPENSABLE ASSISTANT
AT ANY TIME OF THE YEAR



NEW!

SWEEPER

The sweeper attachment for the Könner & Söhnen multifunction machine is a universal item for all-year-round use. It will quickly and effectively cope with dust, dirt, fallen leaves, and snow drifts. It is an indispensable helper in maintaining perfect cleanliness in the yard, on driveways to houses and garages, as well as on walkways in parks, squares and other surrounding areas.

KS 7HP-MFM 60 KS 7HP-MFM 80E

Working width	60/80 cm
Brush diameter	34,5 cm
Brush speed	255 RPM
Adjustable angle of turning	± 15°
Gross dimensions (60/80 cm)	62/82x57x42 cm
Net/Gross weight (60/80 cm)	32/35 kg 38/43 kg



NEW!

DUST BOX

The dust box attachment for the Könner & Söhnen sweeper serves to collect litter and protects against throw-off of debris during high-speed cleaning.

- Capacious dust box for dust and debris
- High maneuverability thanks to 360-degree wheels

KS MFM-DB 60 KS MFM-DB 80

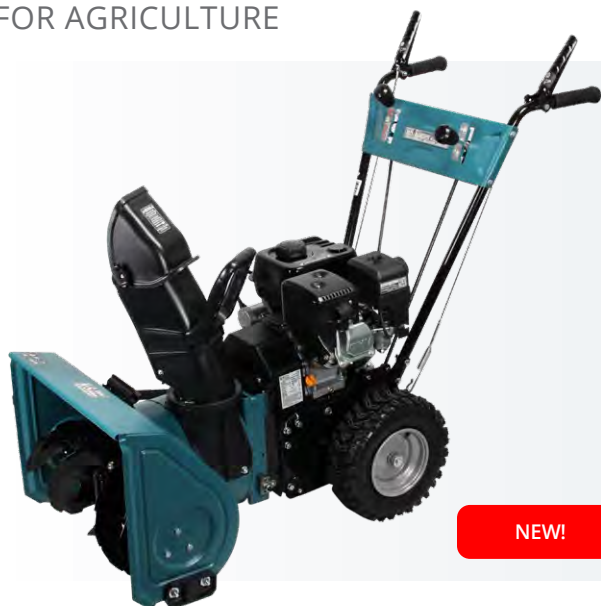
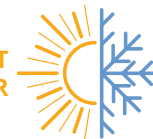
Working width	60/80 cm
Gross dimensions (60/80 cm)	63/83x39x33.5 cm
Net/Gross weight (60/80 cm)	6.6/8.5 kg 8.5/10 kg



Multifunction machine 4 in 1

INTENDED FOR AGRICULTURE

INDISPENSABLE ASSISTANT
AT ANY TIME OF THE YEAR



NEW!

SNOW BLOWER

The active snow blower attachment for the Könner & Söhne multifunction machine with a powerful gear auger will quickly cope with large snow drifts and blockages, with any type of snow.

- Sharp serrated edges can cope even with stale snow
- Reinforced bucket with stiffeners
- Shovel for cleaning a chute and screw from snow as a set

KS MFM-SB 60

Chute turning radius	270°
Snow throwing range	10 m
Gross dimensions (60 cm)	60x47x47.0 cm
Net/Gross weight (60 cm)	21/23 kg



NEW!

SNOW SHOVEL

The snow pusher attachment is designed not only for removing of snow and other bulk materials, but also for cutting and leveling the soil.

- It has grips for easy handling

KS MFM-SS 60 KS MFM-SS 80

Working width	60/80 cm
Gross dimensions (60/80 cm)	62/82x46.5x11 cm
Net/Gross weight (60/80 cm)	6.6/7.7 kg 8.8/9.8 kg



Multifunction machine 4 in 1

COMES COMPLETE WITH ALL ATTACHMENTS:

LUCRATIVE OFFER!



Snow shovel

Dust box

Snow blower

Sweeper



NUMBER OF GEARS
+5 FORWARD
-2 REVERSE

Enables to choose the optimal speed for each operation



INDISPENSABLE ASSISTANT
AT ANY TIME OF THE YEAR

KS 7HP-MFM 60 SET KS 7HP-MFM 80E SET

Attachment	Working width	
Snow shovel	60 cm	80 cm
Dust box	60 cm	80 cm
Snow blower	60 cm	
Sweeper	60 cm	80 cm
Engine start	manual	manual/electric

KS MFM LAMP
LED lamp

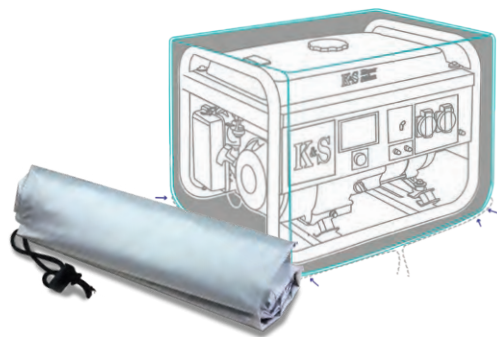


KS MFM SC 13/600
Anti-skid chain



K&S ACCESSORIES

Protects from rain, snow, sun and wind; resistant to ultraviolet irradiation (UV); resistant to acid rain and bird droppings; protects from dust and dirt.



The motor oil and transmission oil of the "Könner & Söhne" brand ensures reliable protection of your motor even during continuous operation and under extreme loads, thereby considerably increasing its service life. The use of this oil in our devices ensures smooth, continuous operation.



KS Cover 10

Moisture-resistant and dustproof generator cover

Dimensions, cm **60x49x47**

For all modifications of gasoline generators series KS 3000.



KS Cover 20

Moisture-resistant and dustproof generator cover

Dimensions, cm **74x65x55**

For all modifications of gasoline generators series KS 7000, KS 10000.

For all modifications of diesel generators with open frame series KS 6000, KS 8000, KS 9000.



Könner & Söhne 10W-30

Universal motor oil

Contains top-quality additives from the world-famous Infineum Corporation (Great Britain)

Volume, l **1**
Product quality class **API SL/CF**
Class of viscosity **SAE 10W-30**
SAE 10W-40



KS CAN 5

Fuel can

Dimensions, cm **26x12.8x25.5**
Capacity, l **5**
Special anti-static plastic



KS GEAR OIL 80W-90

It reduces friction in moving parts for maximum performance and efficiency, minimizes wear and tear for longer transmission life.

Transmission oil

Volume, l **1**
Product quality class **API GL-5**
Class of viscosity **SAE 80W-90**



KS CAN 10

Dimensions, cm **33x16.5x30**
Capacity, l **10**
Special anti-static plastic



K&S ACCESSORIES



KS B1A

Automatic battery charger

Easy to use compact automatic charger designed to charge 6V / 12V lead-acid batteries.

Operation mode	6V/12V-1A
Peak power demand	21W
Dimensions, cm	12.5x6.90x7.20



KS PRS-1

Protective kit

Polycarbonate glasses

1 pc.



KS Gloves L

Gloves

- 100% leather
- Reliable protection against mechanical damage



Cap KS

Color - gray



T-shirt KS

Men's (M, L, XL), Women's (S)



Polo KS

Men's (M, L, XL)



Raglan KS

Men's (M, L, XL)



K&S BASIC

SIMPLE ENERGY

DIMAX Group is grateful for your cooperation and interest in products from "Könner & Söhnen" TM! We are happy to introduce to you our range of budget generators under trademark "K&S BASIC". The K&S BASIC generator range is a continuation of the development of our product range

K&S BASIC generators are already in great demand in many European countries. Therefore, in the new season we expanded the range with new models of inverter generators. The integrated microprocessor-controlled electronic unit controls the generator operation and provides the most stable frequency of 50 Hz and voltage of 230 V. This makes the generator ideally suited for sensitive and high-precision electronics, electronic measuring instruments, medical devices, heating boilers, etc.

K&S BASIC generators are household appliances intended for use in case of an emergency and as a short-term backup power supply. They are indispensable for customers who need standard features, which do not affect the equipment performance. At the same time, they do meet the needs of customers who want to buy a quality product with a reliable warranty, spare parts support and after-sales service.

Due to our customers' growing interest in more affordable products, we have added new items to the TM "K&S BASIC" line: garden equipment (log splitters and wood chippers shredders).

We hope that these products will help our partners to further unleash their potential as generator sellers, attract even more customers and, as a result, earn a greater income and pleasure from selling high-quality generators from "Könner & Söhnen" and "K&S BASIC".

 **GASOLINE
GENERATORS**

 **INVERTER
GENERATORS**

 **LOG
SPLITTER**

 **WOOD CHIPPER
SHREDDER**

Gasoline generators



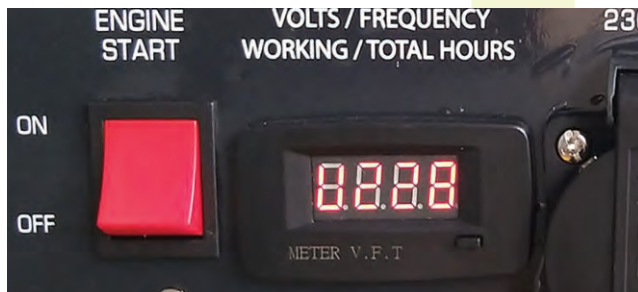
ЭФФЕКТИВНЫЙ И НАДЕЖНЫЙ ДВИГАТЕЛЬ

Gasoline generators of K&S Basic series are equipped with proprietary KSB engines characterized by relatively quiet operation and reliability due to OHV configuration. Each engine and each generator have their own individual serial number, which allows us to control the quality of production and service. Engine meets all European quality standards.



AVR

K&S Basic generators are equipped with intelligent voltage stabilization system AVR. It allows to keep the output generator voltage at a constant value of 230 V and protects against unwanted short circuits.



ERGONOMIC CONTROL PANEL

Convenient and ergonomic panel of generator allows you to control the entire unit easily and does not require additional skills. The modern intelligent LED display will always indicate the number of hours worked, frequency and voltage output, electric start system (optional). The information on the display helps to control the device load and timely maintenance the generator, extending the life of the operation.



EASY START SYSTEM

Easy-to-use generators require no special skills and can be used by all categories of users. A convenient manual start system enables quick engine start without much effort. The range includes models with an electric starter. It is equipped with control of all key indicators of the operating state: overload protection, automatic engine stop at low oil level, fuel level sensor.



SIMPLE ENERGY

Gasoline generators



0.9 – 5.5 kW

Generator power



230V

Voltage



2.9 – 13.0 HP

Engine power



MANUAL / ELECTRO ENGINE START



ECOMONY MODE



SIMPLE ENERGY

Gasoline generators



KSB 2200A
230V | 50Hz



KSB 2200C
230V | 50Hz



KSB 2800A
230V | 50Hz



KSB 2800C
230V | 50Hz



KSB 3500C
230V | 50Hz



KSB 6500C
230V | 50Hz



KSB 6500CE
230V | 50Hz

Max power, kW	2.2	2.2	2.8	2.8	3.0	5.5	5.5
Nominal power, kW	2.0	2.0	2.5	2.5	2.8	5.0	5.0
Current, A (max)	9.56	9.56	12.17	12.17	13.04	23.91	23.91
Outlets	2x16A	2x16A	2x16A	2x16A	2x16A	1x16A, 1x32A	1x16A, 1x32A
Fuel tank volume, l	15	15	15	15	15	25	25
50% power working time	13	13	12	12	10	9	9
Voltmeter/LED display	voltmeter	voltmeter	voltmeter	voltmeter	LED display	voltmeter	LED display
Noise level Lpa (7m)/Lwa, dB	70/95	70/95	71/96	71/96	71/96	71/96	71/96
Power output DC, V/A	12/8.3	12/8.3	12/8.3	12/8.3	12/8.3	12/8.3	12/8.3
Engine model	KS-B180	KS-B180	KS-B210	KS-B210	KS-B230	KS-B410	KS-B410
Engine type	gasoline four-stroke						
Engine power hp	5.5	5.5	6.5	6.5	7	13	13
Crank case volume, cm ³	0.6	0.6	0.6	0.6	0.6	1.1	1.1
Engine cylinder volume, cm ³	163	163	196	196	208	389	389
Power output controller	intelligent voltage stabilization system AVR						
Engine start	manual	manual	manual	manual	manual	manual	manual/electro
Alternator winding	aluminum	copper	aluminum	copper	copper	copper	copper
Dimensions (LxWxH), mm	605x445x450	605x445x450	605x445x450	605x445x450	605x445x450	695x530x560	695x530x560
Net/Gross weight, kg	34.7/36.6	35.4/37.3	36.1/37.9	37.4/39.3	39.3/41.2	71.5/74.2	78.6/81.3
Protection class	IP23M						

NEW

K&S BASIC
SIMPLE ENERGY

INVERTER GENERATORS

DIMAX Group presents a new line of inverter type K&S BASIC gasoline generators. A key feature of these models is that they produce electric current with pure sine wave. The integrated microprocessor-controlled electronic unit controls the generator operation and provides the most stable frequency of 50 Hz and voltage of 230 V. This makes the generator ideally suited for sensitive and high-precision electronics, electronic measuring instruments, medical devices, heating boilers, etc.

K&S BASIC household generators are covered by an international guarantee and meet European quality standards, as confirmed by certificates of quality. Therefore, this equipment is in great demand in more than 15 countries worldwide.



Economy mode



Pure sine wave



Low noise level



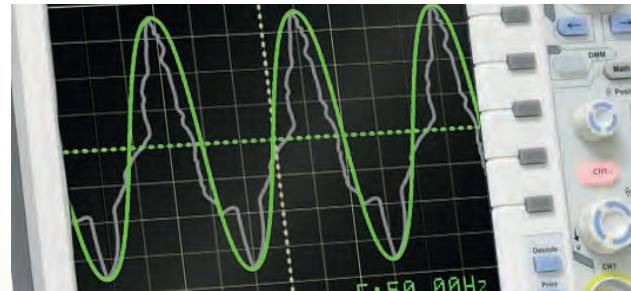
Convenient transportation

Inverter generators



ROBUST ENGINE

The robust K&S Basic engines meets all European quality standards, including the latest EURO V emission standards. High-quality alternator with copper winding and high-performance motor guarantee trouble-free and long-term operation.



PURE SINE WAVE

The integrated microprocessor-controlled electronic unit controls the generator operation and provides the most stable frequency of 50 Hz and voltage of 230 V. This makes the generator ideally suited for sensitive and high-precision electronics, electronic measuring instruments, medical devices, heating boilers, etc.



ECONOMY MODE

Engines of inverter generators from "K&S Basic" have an Economy mode. This mode allows using the inverter generator at low speeds and reduces fuel consumption by up to 50%. The air choke control system adjusts the engine speed depending on the load.



SOUNDPROOF HOUSING

Inverter generators from "K&S Basic" have two types of execution: soundproof housing with a minimum noise level and a more economical execution with an open frame.



SIMPLE ENERGY

Inverter generators



new

KS 1200i
KSB 21i
KSB 35i



Generators in a more cost-effective configuration - with an open frame.

Max power	1.2-3.5 kW
Nominal power	1.0-3.2 kW
Engine start	manual
Outlets	2*16A



new

KSB 21i S
KSB 31i E S



Generators in a soundproof housing with a minimum noise level.

Max power	2.0-3.1 kW
Nominal power	1.8-3.0 kW
Engine start	manual / electro
Outlets	2*16A



TM K&S Basic engines are reliable, high-performance and cost-effective, and conform to European quality standards, including the latest Euro V emission standard.

Inverter generators



Generator power 1.0–3.5 kW



Pure sine wave



Voltage 230 V



EURO V engine



NEW!



NEW!



NEW!



MODEL	KS 1200i 230V 50Hz	KSB 21i 230V 50Hz	KSB 35i 230V 50Hz
Max Power, kW	1.2	2.0	3.5
Nominal Power, kW	1.0	1.8	3.2
Current, A (max.)	5.22	8.7	15.22
Outlets	1*16A	2*16A	2*16A
Fuel tank volume, l	3.5	10	13
50% power working time	5.5*	13*	13.5*
Noise level L _{PA} (7m)/L _{WA} , dB	67/92	70/95	71/96
Output 12V, A	12V/5A	-	12V/8,3A
Engine model	KSB 110i	KSB 130i	KSB 240i
Engine type	gasoline 4 stroke		
Engine power, hp	2.0	3.2	7.0
Crank case volume, l	0.4	0.4	0.6
Engine cylinder volume cm ³	87	119	212
Engine start	manual	manual	manual
Protection class	IP23M		
Dimensions (LxWxH), mm	310x310x380	455x385x435	520x440x470
Net/Gross weight, kg	13/17	21.3/23.1	33.5/35.5

TM K&S Basic engines are reliable, high-performance and cost-effective, and conform to European quality standards, including the latest Euro V emission standard.

The optimal operating conditions are ambient temperature of 17-25°C, barometric pressure of 0.1 MPa (760 mm Hg), and relative humidity of 50-60%. Under these environmental conditions, the generator can provide maximum performance in terms of the declared specifications.

In the event of deviations from these environmental indicators, the generator performance may vary

SIMPLE ENERGY

Inverter generators



Generator power 1.8 – 3.1 kW



Pure sine wave



Voltage 230 V



EURO V engine



Low noise level



TM K&S Basic engines are reliable, high-performance and cost-effective, and conform to European quality standards, including the latest Euro V emission standard.

NEW!



NEW!



NEW!



MODEL	KSB 21i S 230V 50Hz	KSB 31iE S 230V 50Hz	KSB 22i S 230V 50Hz
Max Power, kW	2.0	3.1	2.0
Nominal Power, kW	1.8	3.0	1.8
Current, A (max.)	8.6	13.4	7.9
Outlets	2*16A	2*16A	2*16A
Fuel tank volume, l	4.2	6	4
50% power working time	5.5*	6.5*	
Noise level L _{PA} (7m)/L _{WA} , dB	68/95	69/96	62/87
Output 12V, A	12V/5A	12V/8,3A	12V/5A
Engine model	KSB 100i	KSB 170i	KSB 100i
Engine type	gasoline 4 stroke		
Engine power, hp	2.9	4.8	2.7
Crank case volume, l	0.4	0.8	0.35
Engine cylinder volume cm ³	79.5	149.8	79.7
Engine start	manual	manual / electro	manual
Lithium battery, Ah	-	0.8	-
Protection class	IP23M		
Dimensions (LxWxH), mm	535x335x480	585x350x490	540x325x490
Net/Gross weight, kg	20/22	30/32	21/23

The optimal operating conditions are ambient temperature of 17-25°C, barometric pressure of 0.1 MPa (760 mm Hg), and relative humidity of 50-60%. Under these environmental conditions, the generator can provide maximum performance in terms of the declared specifications.

In the event of deviations from these environmental indicators, the generator performance may vary

new

GARDEN EQUIPMENT

K&S BASIC
SIMPLE ENERGY

Due to our customers' growing interest in more affordable products, we have added new items to the TM "K&S BASIC" line: garden equipment (log splitters and wood chippers shredders).

Electric log splitter from "K&S BASIC" are compact and mobile device equipped with a robust 1600 W motor. They are easy to operate, environmentally friendly and can be operated even indoors. Log splitters can be equipped with a special protective grill, which creates a comfortable and safe working environment for the operator and bystanders. Smooth operation allows safe splitting of logs, so that you have plenty of time to put in another log. Log splitter is equipped with pneumatic wheels for easy movement.

Gasoline wood chipper shredder from "K&S BASIC" are designed for chipping/shredding various industrial wood waste and garden plant waste (branches, vines, bark, etc.) into fire wood chips or industrial chips of 5-10 mm in size. They are versatile, highly mobile and mains-independent machines, which are commonly used in private country houses, in the fields, vineyards, large gardens, etc. They are also useful in public utilities when cleaning parks, squares, etc. The resulting chips can be used as heating fuel, and as a mulching material for plants.

Modern gasoline engines meet all European quality standards, including EURO V. Shredder are equipped with pneumatic wheels for easy movement.



Engine power
1600 W / 6.5 HP



Splitting force
6 ton



Max. splitting
length 520 mm



Max. aggregate diameter
of feed material
3" / 76 mm



Max. Blade speed
2400 rpm

Log splitters

new



KSB 6THE 52/25

Voltage, V	230
Frequency, Hz	50
Engine power, W	1600
Splitting force, t	6
Engine type	electric
Max. splitting length, mm	520
Max. splitting diameter, mm	250
Cutting time, sec	~ 10
Cable length, m	1.85
Hydraulic oil capacity, l	2.9
Wheels	6"
Gross dimensions (LxWxH), mm	980x270x520
Net/Gross weight, kg	47/49

*** OPTIONAL ACCESSORIES**

Protective kit (polycarbonate glasses, safety gloves, and ear muffs).
Possibility to purchase as a set with protective metal grill KSB 6T-PC
and 4-way splitter wedge KSB 6T-BL.

Wood chipper shredders

new



KSB 300WS

Engine power, HP	6.5
Engine speed, rpm	3600
Engine start	manual
Max. aggregate diameter of feed material, mm	3"/76
Chip ejection height, mm	760
Max. Blade speed, rpm	2400
Engine type	gasoline 4 stroke
Fuel tank volume, l	3.6
Crank case volume, l	0.6
Wheels	10"
Number of cutting blades, pcs	6
Gross dimensions (LxWxH), mm	610x510x850
Net/Gross weight, kg	63/66



The robust K&S Basic engine meets all European quality standards, including the latest EURO V emission standards.

SIMPLE ENERGY



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