

# *The power of QAS 5, your perfect partner*

From 80 to 200kVA

*Sustainable Productivity*

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*Atlas Copco*

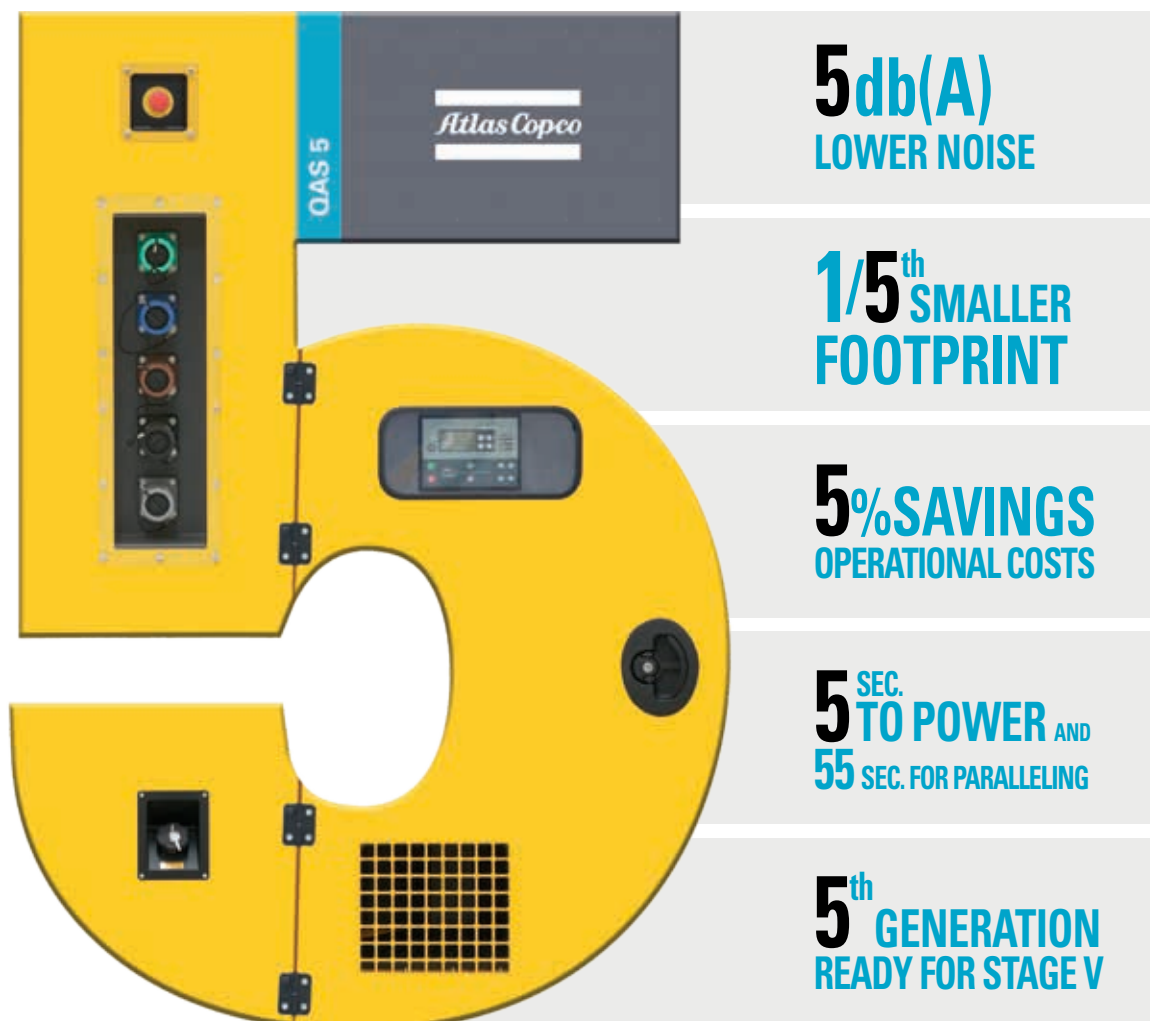
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# The power of the 5

Developed in response to today's operational challenges, the new QAS 5 models offer end users in the construction, events and utilities industries **quieter operation, smaller footprints, reduced emissions, faster plug-and-play** paralleling, **enhanced fuel economy**, 24hrs autonomy with integrated fuel tank, and **lowest total cost of ownership**. As a consequence, the QAS 5 range helps customers to improve their fleet utilisation and return on investment.

Excessive noise generated by portable energy equipment is becoming increasingly unacceptable in urban environments and industrial work areas. For this reason, QAS 5 generators deliver a significant reduction in operating noise levels, and are to being on average 5-8 db(A) quieter than comparable generators. The units' super-silent performance is delivered through a combination of technologies, including advanced variable - speed drive (VSD) air cooling, isolated compartment for the power pack and extra noise attenuation solutions like special silencers and technical foams.





# ***QAS 5 is the perfect solution for any application***

**Big infrastructure construction**



**Metropolitan construction**



**Events**



**Industry**



**Utilities**



**Metropolitan building** sites are busy and space-constrained environments, with building workers having to go about their tasks within close proximity to construction equipment. The design of Atlas Copco's QAS 5 generators means footprints are smaller, making them easier to transport and to position on site.

QAS 5 is also the perfect fit for the **event industry**, featuring super-silent operation. Outstanding acoustic performance is delivered by a combination of technologies such as advanced air cooling and more efficient positioning of silencers. The noise-reduction package means QAS 5 generators will provide the required power for events, without disruption.

In addition, uptime is a major factor for all **industrial** operations. Reliable and predictable machinery such as generators can help companies minimise unplanned shutdowns and boost plant profitability. Dependable performance of equipment also delivers quicker return on investment.

[www.atlascopco.com/qas5](http://www.atlascopco.com/qas5)

# Meet the QAS 5 generators

## BECAUSE YOU NEED POWER, NOT NOISE

- The electric **Variable Speed Drive (VSD)** motor-driven cooling fan, adjusts the cooling flow to the specific requirements of the engine.
- QAS 5 range delivers a significant reduction in noise levels, being on average 5-8 dBA\* quieter than comparable generators. This lowers noise by up to 1/5<sup>th</sup>, depending on application and load profile.
- The acoustic performance comes as the perfect choice for noise sensitive environments, such as **events and metropolitan construction sites.**

\*Depending on models



## IT IS A GENERATOR DESIGNED TO BE MOVED AROUND

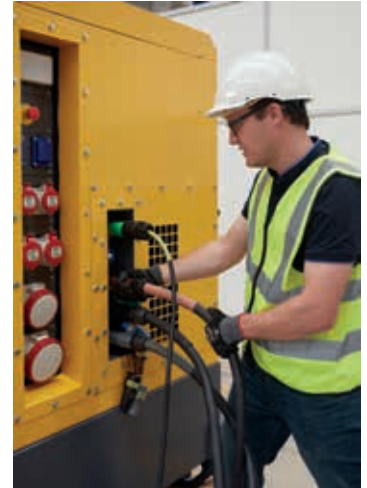
- The compact QAS 5 models offer footprints up to **20 per cent smaller** than any comparable generator.
- This makes them easier to transport and position on site, thereby creating **safer working conditions.**
- QAS5 offers a **high-capacity fuel tank** within the reduced footprint.
- Integrated lifting structure with single elevation point withstands 4 times the weight without deformation.
- Sturdy multidrop base frame with integrated forklift pockets.
- 110% self fluid containment.

**Atlas Copco**



# ELECTRICAL POWER IS OFTEN REQUIRED AT IMMEDIATE NOTICE

- **"Plug and play"** connectivity principle that is designed to provide a safe, fast and flexible energy supply with the minimum of operator hassle.
- Equipped with multiple sockets (**up to 8**), a terminal board and optional power locks, the generators can be powered up within **five seconds**.
- Pass through cable path, natural bend and strain relief.



## BECAUSE YOU NEED TO HAVE OPTIMUM POWER USAGE

- The innovative **Power Management System (PMS)** allows efficient and fast paralleling.
- This helps to efficiently manage the generators when they are running **in parallel**, by starting and stopping units in line with increases or decreases in load.
- The load on each generator remains at a level that **optimises fuel consumption**. It eliminates the need for generators to run with low load levels, which can cause engine damage and shorten the life expectancy of the equipment.



## WE KNOW YOU MAKE A LONG-TERM INVESTMENT

- Optimised fuel efficiency thanks to **Variable Speed Drive (VSD)**, which minimise the power lost, to cool down the engine.
- **Long autonomy** with integrated fuel tank to run up to 5 working shifts.\*
- QAS 5 range has been future-proofed to capitalise on the benefits delivered by advanced digitalisation connectivity.
- With optional **FleetLink intelligent telematics** system, end-users can realise maximum visibility of asset location and performance, wherever generators are in the world.
- Decreased service downtime due to heavy-duty fuel filtration system with water separator.
- Extended engine life time due to of Dual Stage Air Filtration with safety cartridge.
- Oil drain pump.
- Lockable external fuel filling point.

\*1 shift= 6 hours

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Electrical data		QAS 5 80	QAS 5 100	QAS 5 120
Rated frequency	Hz	50/60	50/60	50/60
Rated voltage	V	400/480	400/480	400/480
Prime power (PRP)	kVA/kW	80/64   88/70	100/80   110/88	124/99   132/106
Rated standby power (ESP)	kVA/kW	88/70   97/78	110/88   122/98	138/110   146/117
Power factor cosφ		0,8	0,8	0,8
Rated current (PRP)	A	115   106	144   132	179   159
Single step load capability (G3) acc. ISO-8528/5	%	80	80	80
Fuel consumption				
Fuel tank capacity	l	430	430	430
Fuel consumption at 75%/100% PRP load 50Hz	l/h	13,9 / 17,7	17,8 / 22,6	23,1 / 28,0
Fuel autonomy at 75%/100% PRP load 50Hz	h	31 / 24	24 / 19	19 / 15
Engine data				
Model		John Deere 4045HFG82 A	John Deere 4045HFG82 B	John Deere 4045HFG82 C
Speed	rpm	1500   1800	1500   1800	1500   1800
Rated power (without fan)	kWm	76	94	112
Aspiration		Turbocharged and air-to-air aftercooled	Turbocharged and air-to-air aftercooled	Turbocharged and air-to-air aftercooled
Speed control		Electronic	Electronic	Electronic
No. l/c cylinders		4	4	4
Coolant		Parcool	Parcool	Parcool
Swept volume	l	4,5	4,5	4,5
Emission compliance		EU Stage 3A	EU Stage 3A	EU Stage 3A
Alternator				
Model		Leroy Sommer LSA44.3S3	Leroy Sommer LSA44.3S5	Leroy Sommer LSA44.3M6
Rated output (ESP 27°C)	kVA/kW	88	110	138
Degree of protection/insulation class		IP 23/H	IP 23/H	IP 23/H
Noise level (50Hz)				
Sound power level (LwA)	dB(A)	85	86	87
Sound pressure level (LpA) at 7m	dB(A)	55	56	57
Dimensions				
L x W x H	mm	2900 x 1100 x 1800	2900 x 1100 x 1800	2900 x 1100 x 1800
Weight dry / wet	Kg	960 / 1325	998 / 1360	1035 / 1400





Electrical data		QAS 5 150	QAS 5 200
Rated frequency	Hz	50/60	50/60
Rated voltage	V	400/480	400/480
Prime power (PRP)	kVA/kW	150/120   161/129	200/160   212/170
Rated standby power (ESP)	kVA/kW	165/132   178/142	220/176   234/187
Power factor cosφ		0,8	0,8
Rated current (PRP)	A	217   194	289   255
Single step load capability (G3) acc. ISO-8528/5	%	80	80
Fuel consumption			
Fuel tank capacity	l	598	598
Fuel consumption at 75%/100% PRP load 50Hz	l/h	27,4 / 34,5	37,2 / 45,8
Fuel autonomy at 75%/100% PRP load 50Hz	h	22 / 17	16 / 13
Engine data			
Model		John Deere 6068HFG82 A	John Deere 6068HFG82 B
Speed	rpm	1500   1800	1500   1800
Rated power (without fan)	kWm	139	184
Aspiration		Turbocharged and air-to-air aftercooled	Turbocharged and air-to-air aftercooled
Speed control		Electronic	Electronic
No. l/c cylinders		6	6
Coolant		Parcool	Parcool
Swept volume	l	6,8	6,8
Emission compliance		EU Stage 3A	EU Stage 3A
Alternator			
Model		Leroy Sommer LSA44.3L10	Leroy Sommer LSA46.3S3
Rated output (ESP 27°C)	kVA/kW	165	220
Degree of protection/insulation class		IP 23/H	IP 23/H
Noise level (50Hz)			
Sound power level (LwA)	dB(A)	92	92
Sound pressure level (LpA) at 7m	dB(A)	60	60
Dimensions			
L x W x H	mm	3378 x 1180 x 2150	3378 x 1180 x 2150
Weight dry / wet	Kg	2590 / 3315	2710 / 3440

# Product Portfolio

## GENERATORS

**PORTABLE**  
1,6-12 kVA



**MOBILE**  
9-1250\* kVA



**INDUSTRIAL**  
10-2250\* kVA



**CONTAINERS**  
800-1450 kVA



\*Multiple configurations available to produce power for any size application

## DEWATERING PUMPS

**ELECTRIC SUBMERSIBLE**  
250-16.500 l/min



**SURFACE PUMPS**  
833-23.300 l/min



**SMALL PORTABLE**  
210-2500 l/min



Diesel and electric options available

## ONLINE SOLUTIONS

**SHOP ONLINE**  
**PARTS ONLINE**

Find and order the spare parts for power equipment. Handle your orders 24 hours a day



## LIGHT TOWERS

**DIESEL LED AND MH**



**BATTERY LED**



**ELECTRIC LED**



## POWER CONNECT

Scan the QR code on your machine, and go to the QR Connect Portal to find all the information about your machine



## AIR COMPRESSORS AND HANDHELD TOOLS

**AIR COMPRESSORS**



**HANDHELD TOOLS**



## FLEETLINK

Intelligent telematics system that helps optimise fleet usage, reduce maintenance cost and ultimately saving time and costs



## Committed to sustainable productivity

Atlas Copco's Power Technique business area has a forward-thinking philosophy. For us, creating customer value is all about anticipating and exceeding your future needs – while never compromising our environmental principles. Looking ahead and staying ahead is the only way we can ensure we are your long-term partner.

[www.atlascopco.com](http://www.atlascopco.com)

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