

# Atlas Copco

## Portable Air



*Atlas Copco*



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This is only a summary of the Portable Air Division products.  
For more detailed information, please ask for the product brochures.



## Quality comes as standard

Atlas Copco believes in doing business in a manner that preserves the environment for future generations. So even as legislation for environmental protection gets tougher each and every year, Atlas Copco meets and often surpasses those benchmarks.

The products are not only designed to operate with the environment in mind, but the way they are manufactured is as important:

- to prevent any kind of oil, coolant or fuel pollution - spillage free frames are available on all models.
- environmentally friendly materials are used that are not only less energy consuming to make, but recyclable as well.

As a company, we take our engagements seriously, and to this end have obtained and maintained the ISO 14001 certification:

- that proves that we implement, maintain and improve our own environmental management systems.
- that ensures conformance to our own stated standards and policies in the matter.
- that ensures compliance with environmental laws and regulations.

All compressors and generators are manufactured to exacting standards and are tested in accordance with ISO 9001.

All machines are designed to meet or exceed the relevant international standards and is compliant with the current European Community safety and environmental regulations including OND2000/14/EC Outdoor Noise Directive.

The environment - today and for future generations - is a top priority for our company. We aim to set the standards by which others will be judged. And we aim to maintain those standards for many years to come.



# Compressors







# XA(T,H)S 37-97



## Versatile compressors for wide ranging applications

Series 7 will provide a reliable source of compressed air to drive pneumatic tools including chipping hammers, jackhammers, nut runners, grinding tools and rammers. High free air delivery applications, including sandblasting, are also covered.

By listening to your demands, Atlas Copco has developed a number of new features. In addition to an opening canopy, removable side panels and detachable front and rear baffle are fitted. These are bolted to a 4 mm thick support frame. This economical feature offers fast and easy service access.

For best in class corrosion protection, all panels are produced from zincor steel with a powder coat finish; the chassis has a KTL epoxy layer coating with a powder coat finish.

### Principal data without generator

Compressor type		XAS 37 Kd	XAS 47 Kd
Normal effective working pressure	bar(e)	7	7
Actual free air delivery guaranteed according to ISO1217 ed.3 1996 annex D	l/sec	33	42
	m <sup>3</sup> /min	2.0	2.5
	cfm	71	88
Sound power level (LWA)*	dB(A)	≤98	≤98
Engine type		Kubota	Kubota
Model		D905	D1105
Full load speed	r/min	3600	3000
Output at rated speed	kW	18.5	19.4

\*complies with 2000/14/EC, 84/533/ECC AND 85/406/EEC limits



1.9-5.3 m<sup>3</sup>/min - 7-12 bar(e)



# HardHat™



**reddot** design award  
winner 2006

The HardHat range stands for reliable, durable, corrosion free and innovative design by using roto-moulded high-density polyethylene parts.

Polyethylene provides an excellent impact resistance, meaning less damages.

Also recyclable and non-toxic. This results in a low cost of ownership.

All other features from the magnificent Seven are still available, only the best is good for our customers.

XAHS 37 Dd	XAS 47 Dd	XAS 57 Dd	XAS 67 Dd	XATS 67 Dd	XAS 77 Dd	XAS 97 Dd
12	7	7	7	10.3	7	7
32	43	50	62	58	72	89
1.9	2.6	3.0	3.7	3.5	4.3	5.3
67	92	106	130	125	152	190
≤98	≤98	≤98	≤98	≤98	≤98	≤98
Deutz	Deutz	Deutz	Deutz	Deutz	Deutz	Deutz
D2011L02	D2011L02	D2011L02	D2011L03	D2011L03	D2011L03	D2011L03
2400	2400	2750	2400	2750	2300	2750
21.6	21.6	23.3	32.5	36	31.5	36

# XA(T,H)S 37-97



## Principal data with generator

Compressor type		XAS 47 DdG	Simultaneous
Normal effective working pressure	bar(e)	7	
Actual free air delivery	l/sec	33	
guaranteed according to ISO1217 ed.3 1996 annex D	m <sup>3</sup> /min	2.0	
	cfm	71	
Sound power level: acc. 2000/14 EC	dB(A)	≤98	

Engine type		Deutz
Model		D2011L02
Full load speed	r/min	2750
Output at rated speed	kW	23.3

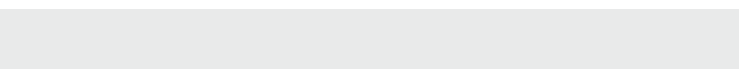
Generator		XAS 47 DdG 50 Hz		Simultaneous
		110 V	230/400 V	
Electric Power	1 ph	kW/kVA	6	4
	3 ph	kW/kVA	-	5.2 / 6.5
Sockets CEE	1 ph	A	2x16+1x32	-
	CEE 3 ph	A	-	1 x 16
Schuko	1 ph	A	-	2 x 16

Towbar		XAS 37-47 Kd				XA(H)S 37-47-57			
		without brakes		with brakes		without brakes		with brakes	
		fixed	adjustable	fixed	adjustable	fixed	adjustable	fixed	adjustable
Weight (ready to operate)*	kg	550	585	570	605	720	725	755	770

		XA(T)S 67 Dd				XAS 77-97 Dd			
Weight (ready to operate)*	kg	880	NA	915	930	890	NA	925	940

\*) Ddg: 110V: +35 kg - Ddg: 230/400V: +42kg

# 1.9-5.3 m<sup>3</sup>/min - 7-12 bar(e)



<b>XAS 67 DdG</b> Simultaneous		<b>XAS 97 DdG</b> Non-Simultaneous	
	7		7
	58		89
	3.5		5.3
	125		190
	≤98		≤98
	<b>Deutz</b>		<b>Deutz</b>
	D2011L03		D2011L03
	2750		2750
	36		36

<b>XAS 67 DdG 50 Hz</b> Simultaneous			<b>XAS 97 DdG 50Hz</b> Non-Simultaneous		
110 V	230/400 V	230/400 V	110 V	230/400 V	230/400 V
6	4	5.5	6	4	5.5
-	5.2 / 6.5	9.6 / 12	-	5.2 / 6.5	9.6 / 12
2x16+1x32	-	-	2x16+1x32	-	-
-	1 x 16	2 x 16	-	1 x 16	2 x 16
-	2 x 16	1 x 16	-	2 x 16	1 x 16

<b>Box/Support mounted</b>		<b>XAS 37-47 Kd</b>	<b>XA(H)S 37-47-57 Dd</b>
Weight (ready to operate)	kg	475	635 / 685

<b>Box/Support mounted</b>		<b>XA(T)S 67 Dd</b>	<b>XAS 77-97 Dd</b>
Weight (ready to operate)	kg	790 / 840	800 / 850

# XA(H)S 107-137

## Extending the offer

The small dimensions and light weight allows the operator to easily manage the compressor from one work point to another. The hood concept enclosure provides exceptional access to all the service and maintenance points. Both the XAS 137 and XAHS 107 meet the latest exhaust emission and noise directive criteria.

### Features

- Small dimensions, light weight
- Single axle mounted
- Low noise output
- Rugged and purpose built
- Economical
- Full shift fuel tank
- Single side service points
- Hood type service door
- Simple controller
- Full list of options

### Advantages

- Lowest total cost of ownership
- Easy to transport
- Easy to maneuver at worksite
- Easy to use
- Operator & environmental safe
- Built to last

## Principal data

Compressor type		XAS 137 C2
Normal effective working pressure	bar(e)	7
Actual free air delivery guaranteed	l/sec	127
according to ISO1217 ed.3 1996 annex D	m <sup>3</sup> /min	7.6
	cfm	269
Sound power level (LWA)*	dB(A)	99

### Generator

Electric power	1 phase	kW / kVA	-
	3 phase	kW / kVA	-
Sockets Schuko	1 phase	A	-
	CEE 3 phase	A	-

Engine type		Deutz
Model		BF4M 2011
Full load speed	r/min	2400
Output at rated speed	kW	58

\*complies with 2000/14/EC, 84/533/ECC AND 85/406/EEC limits

# 5.6-7.6 m<sup>3</sup>/min - 7-12 bar(e)



XAS 137 C3	XAS 137 DdG	XAHS 107 C2	XAHS 107 C3
7	7	12	12
127	93	93	93
7.6	5.6	5.6	5.6
269	197	197	197
99	99	99	99

## 230 / 400V - 50Hz

-	9.6 / 12	-	-
-	9.6 / 12	-	-
-	1 x 16	-	-
-	2 x 16	-	-

Deutz	Deutz	Deutz	Deutz
TD 2011	TD 2011	BF4M 2011	TD 2011
2400	2400	2400	2400
52	52	58	52

Weight (ready to operate)		Without brakes		With brakes	
		Fixed towbar	Fixed towbar	Adjustable towbar	Adjustable towbar
XAS 137	kg	1425	1475	1475	1475
XAHS 107	kg	1495	1565	1565	1565
XAS 137 DdG	kg	1495	1565	1565	1565

# XA(T,H,V)S 146-186

## Our commitment to your compressed air needs

XA(T,H,V)S 146 to -186 Dd have been specially designed for heavy duty environments such as the renovation industry (sandblasting) and quarries. They can assist in installing fibre optic cables, possible with combinations of pneumatic tools such as rock drills, rammers, to name a few. High altitudes and extremely high and low ambient temperatures are not a problem.

We matched our highly efficient new screw element with rugged, turbo-charged, watercooled and oilcooled 4-cylinder Deutz diesel engines and built them into a sturdy canopy, which can withstand rough treatment on all terrains.



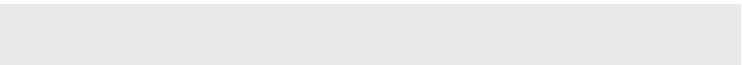
## Principal data

<b>Compressor type</b>		<b>XA(S) 186 C2</b>	<b>XA(S) 186 C3</b>
Normal effective working pressure	bar(e)	7	7
Actual free air delivery guaranteed according to ISO1217 ed.3 1996 annex D	l/sec	185	185
	m <sup>3</sup> /min	11.1	11.1
	cfm	392	392
Sound power level (LWA)*	dB(A)	99	99
<b>Engine type</b>		<b>Deutz</b>	<b>Deutz</b>
Model		BF4M 2012 C	TCD 2012
Full load speed	r/min	2300	2300
Output at rated speed	kW	88	82

\*complies with 2000/14/EC, 84/533/ECC AND 85/406/EEC limits



# 9.1-11.1 m<sup>3</sup>/min - 7-12 bar(e)



XAT(S) 156 C2	XAT(S) 156 C3	XAHS 146 C3	XAHS 186 C3	XAVS 166 C3
10.3	10.3	12	12	14
166	166	151	175	158
10.0	10.0	9.1	10.5	9.5
352	352	320	371	335
99	99	99	99	99

Deutz	Deutz	Deutz	Deutz	Deutz
BF4M 2012 C	TCD 2012	TCD 2012	TCD 2013	TCD 2013
2300	2300	2300	2200	2200
88	82	82	104	104

Weight (ready to operate)		Without brakes		With brakes	
		Fixed towbar	Fixed towbar	Adjustable towbar	Adjustable towbar
XA(S) 186 C2, C3 XAT(S) 156 C2, C3, XAT(S) 146 C3, XAVS 166 C3	kg	1705	1800	1825	
XAHS 186 C3	kg	NA	NA	1883	

# XA(M,H)S 237 - 287

## Advanced, compact and versatile

The XAHS 237 and XAMS 287 have been designed to offer true versatility. Providing exceptional reliability and efficiency, these units are designed to operate in a wide range of applications in the harshest of work environments.

Applications as diverse as the installation of fibre optic cables, abrasive blasting, small hole drilling, general construction work, and rental are all within the capability of these units. Select from a wide range of options that best suit your needs.

The engine management system provides unmatched fuel economy. Total cost of ownership through lower fuel consumption can be even further realized with the help of FuelXpert™.

Above all Atlas Copco compressors are build for reliability, easily maintained, providing many years of trouble free performance.

### Features

- Small dimensions, light weight
- Single axle mounted
- Low noise output
- FuelXpert™ for optimized fuel consumption
- Full shift fuel tank
- Single side service points
- Full length service doors
- Centralized fluid drains
- Electronic multi-function controller

### Advantages

- Lowest total cost of ownership
- Easy to transport
- Easy to maneuver at worksite
- Ideal for urban use
- Operator & environmental safe
- Comprehensive monitoring
- Best fuel economy in class



14.2-17.1 m<sup>3</sup>/min - 8.6-12 bar(e)



## Principal data

<b>Compressor type</b>		<b>XAMS 287</b>	<b>XAHS 237</b>
Normal effective working pressure	bar(e)	8.6	12
Actual free air delivery guaranteed	l/sec	285	236
acc. to ISO1217 ed.3 1996 annex D	m <sup>3</sup> /min	17.1	14.2
	cfm	604	500
Sound power level (LWA)*	dB(A)	99	99
Sound pressure level (LPA) at 7m	dB(A)	72	72

<b>Engine type</b>		<b>Caterpillar</b>	<b>Caterpillar</b>
Model		6.6 acert T3	6.6 acert T3
Full load speed	r/min	1800	1800
Output at rated speed	kW	129	129

### Weight ready-to-operate

With undercarriage	kg	3000
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\*complies with 2000/14/EC, 84/533/ECC AND 85/406/EEC limits

# XA(M,T,H,V)S 307-407



## The next big thing is small.

Our constant search for innovation and our commitment to your needs has resulted in a superior product providing the utmost in performance, reliability, economy and versatility.

As sandblasting and drilling have become principal cornerstones of their work, priority was not only given to performance and reliability, but also to improvement of mobility and maneuverability. Smaller and lighter means the operator can move to the next work point easier and faster, without the need for supplemental moving equipment.

Total cost of ownership through lower fuel consumption can be realized with the help of FuelXpert™.

Above all, Atlas Copco compressors are built for reliability and easily maintained, providing many years of trouble free performance.

### Features

- Small dimensions, light weight
- Single axle mounted
- Low noise output
- FuelXpert™ for optimized fuel consumption
- Full shift fuel tank
- Single side service points
- Full length service doors
- Centralized fluid drains
- Electronic multi-function controller

### Advantages

- Lowest total cost of ownership
- Easy to transport
- Easy to maneuver at worksite
- Ideal for urban use
- Operator & environmental safe
- Comprehensive monitoring
- Best fuel economy in class

18.6-24 m<sup>3</sup>/min at 8.6-14 bar(e)



## Principal data

Compressor type		XAMS	XATS	XAHS	XAVS
		407	377	347	307
Normal effective working pressure	bar(e)	8.6	10.3	12	14
Actual free air delivery guaranteed	l/sec	400	365	339	310
acc. to ISO1217 ed.3 1996 annex D	m <sup>3</sup> /min	24	21.9	20.4	18.6
	cfm	848	774	719	657
Sound power level (LWA)*	dB(A)	100	100	100	100
Sound pressure level (LPA) at 7m	dB(A)	76	76	76	76

### Engine Caterpillar

Model	Caterpillar C 7 acert T3				
Full load speed	r/min	2000	2000	2000	2000
Output at rated speed	kW	186	186	186	186

### Weight ready-to-operate (with undercarriage)

ROW version	kg	3400
European OND compliant version	kg	3500

\*complies with 2000/14/EC, 84/533/ECC AND 85/406/EEC limits

# X(A,R)(M,T,H,V)S 336-746

## Built to work hard

Atlas Copco is the global leader in supplying portable air compressors to the market, due to a long history of product innovation in compressed air technology. The latest series builds on that know-how giving as a result, a heavy-duty series of compressors that are built to work, and work hard.



Caterpillar, with many years of experience in the construction industry, has been designated the unique engine platform for the entire series. Not only do they understand the need for reliability, but also they know first-hand the conditions that the machines have to operate under.

The engines themselves – from 186 kW to 328 kW of output – are clean running, and all models meet the toughest environmental requirements, while being frugal on fuel. Each new Caterpillar engine now works with ACERT technology to reduce emissions.

## Principal data

Single

Compressor type		XAHS	XAHS	XAVS	XAMS	XAMS
		426	536	396	496	546
Normal effective working pressure	bar(e)	12	12	14	8.6	8.6
Actual free air delivery	l/sec	418	521	380	500	532
acc. to ISO1217 ed.3 1996 annex D	m <sup>3</sup> /min	25.1	31.3	22.8	30	31.9
	cfm	885	1103	805	1059	1127

### Engine type: Caterpillar Tier III

Model		C9	C13	C9	C9	C13
Output	kW	224	318	224	224	318
Rated speed	r/min	1800	1600	1800	1800	1600

### Unit

Sound power level (LWA)*	dB(A)	100	100	100	100	100
Wagon (without fuel)	kg	5580	6000	5580	5610	6000
Support mounted (without fuel)	kg	4980	5470	4980	4965	5470
Skid (without fuel)	kg	5240	5730	5240	5225	5730

\*complies with 2000/14/EC, 84/533/ECC AND 85/406/EEC limits



19.7-45.2 m<sup>3</sup>/min at 7-25 bar(e)



Stage				2 Stage				
XATS 456		XAS 746		XRS 396	XRHS 366	XRHS 506	XRVS 336	XRVS 476
10.3	7	8.6	10.3	17	20	20	25	25
448	753	709	645	392	370	500	328	460
26.9	45.2	42.5	38.7	23.5	22.2	30	19.7	27.6
949	1600	1500	1370	830	784	1059	695	974
C9		C13		C9	C9	C13	C9	C13
224		328		224	224	318	224	318
1800		1900		1800	1800	1600	1800	1600
100		<104		100	100	100	100	100
5610		5600		5770	5770	6150	5770	6150
4965		5150		5120	5120	5620	5120	5620
5225		-		5380	5380	5880	5380	5880

# XR(V,X)S 566-606

33.6-36.1 m<sup>3</sup>/min at 25-30 bar(e)



## Principal data

<b>Compressor type</b>		<b>XRVS 606</b>	<b>XRXS 566</b>
Normal effective working pressure	bar(e)	25	30
Actual free air delivery guaranteed	l/sec	601	560
acc. to ISO1217 ed.3 1996 annex D	m <sup>3</sup> /min	36.1	33.6
	cfm	1273	1186

### Sound Level

Sound power level (LWA)*	dB(A)	104	104
Sound pressure level (LPA) at 7m	dB(A)	76	76

### Engine type

		<b>Caterpillar</b>	<b>Caterpillar</b>
Model		C18 Acert T3	C18 Acert T3
Full load speed	r/min	1800	1800
Output at rated speed	kW	429	429

### Weight ready-to-operate

Wagon	kg	7375	7375
Support mounted	kg	6730	6730
Skid	kg	6950	6950

\*complies with 2000/14/EC, 84/533/ECC AND 85/406/EEC limits

# OA(H,V) 2-4 / OR(V,X) 10-12

9.4-36 m<sup>3</sup>/min, 12-30 bar(e)



**Smallest in footprint  
and weight, best in performance!**

Due to our continuous design effort we were able to create the most compact OEM compressor for maximum drilling performance.

## Principal data

Compressor type		OA2	OAV 4	ORV 10	ORV 12	ORX 10	ORX 12
Normal effective working pressure	bar(e)	12	14	25	25	30	30
Max. free air delivery	l/sec	156	246	472	600	450	590
guaranteed according	m <sup>3</sup> /min	9.4	14.8	28.6	36	27	35.4
to ISO1217 ed. 3 1996 annex D	cfm	330	520	1000	1270	955	1250
<b>Weight ready-to-operate</b>	kg	550	885	1375	1425	1405	1455



## Revolutionary performance, compact and safe

TwinAir™ is a revolution in higher productivity.

It has been developed to provide the highest output and airflow for its small footprint. Built robustly with the very highest quality parts and standards, everything has been designed with high safety standards and to withstand years of heavy-duty use.

Different versions exist including a specially adapted DNV approved model for offshore requirements.



55.9-63.2 m<sup>3</sup>/min, 12-25 bar(e)



## Principal data

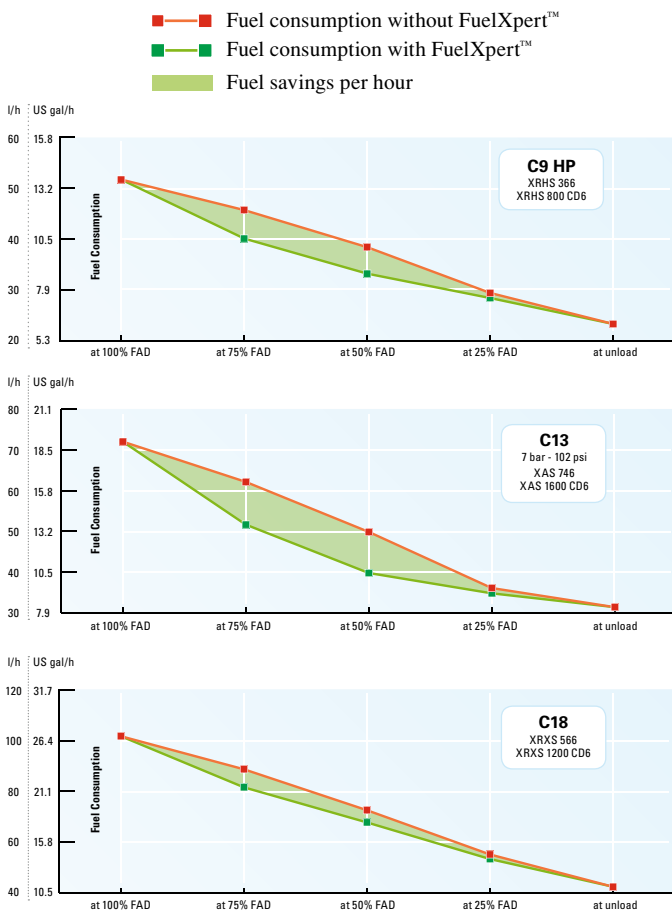
<b>Compressor type</b>		<b>XAH 1066</b>	<b>XRV 946</b>
Normal effective working pressure	bar(e)	12	25
Actual free air delivery guaranteed	l/sec	1058	936
acc. to ISO1217 ed.3 1996 annex D	m <sup>3</sup> /min	63.2	55.9
	cfm	2232	1975
<b>Engine Caterpillar</b>			
Model		Caterpillar C13 ACERT	
Full load speed	r/min	1600	1600
Output at rated speed	kW	328	328
<b>Weight ready-to-operate</b>			
with undercarriage	kg	14500	15000

## Average 10% better fuel consumption than our best competitors!

Conventional systems based on pneumatic control steered engine speed and inlet without thinking about fuel economy.

These systems have focussed on the stabilization of the regulating system, but have not looked at the optimal fuel consumption at each load. FuelXpert™, with its electronic control module, regulates engine speed and air inlet with a view to optimizing fuel consumption for each working condition.

Importantly when the air demand is lower than the capacity needs, the system ensures the right capacity for the application.



A significant improvement has been made on the already outstanding performance, particularly in the middle load ranges.



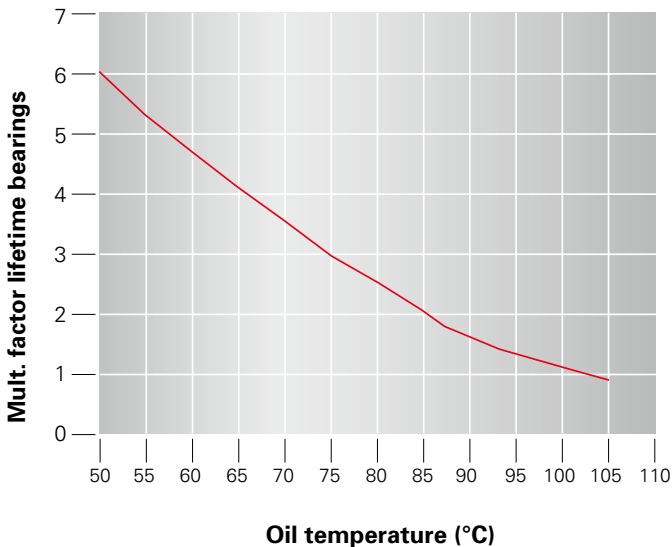
Atlas Copco has always been aware that compressors are extremely sensitive for condensation in compressed air. We know for example that just 1% of water in the oil reduces the lifetime of the bearings by 40%.

The new electronic control system, known as Oiltronix™ – electronically controlled oil temperature system – works to control compressor oil temperature to extend the lifetime of air-ends, compressor components, oil and oil-separator. Additionally – and not insignificantly - it also prevents overheating, and increases safety.

Additional sensors have been placed to measure ambient temperature and relative humidity – on top of the different pressures, different temperatures, and engine speed. Oiltronix™ will calculate and define what the optimal oil temperature should be, with the outcome being to position a 3-way valve determining the most optimal oil temperature.

Intelligently controlling the oil temperature at the correct level also allows running the machine at a lower oil temperature, and so easily doubles the lifetime of the air end.

## Bearing Lifetime



A unique and brilliant solution that monitors and regulates the oil injection temperature, thereby increasing component life considerably.

# Generators





# QAX 12-60



## Principal data

<b>Generator type</b>		<b>QAX 12</b>	
		<b>400V- 3PH</b>	<b>230V- 1PH</b>
Configuration			
Rated speed	r/min	1500	1500
Rated power - PRP	kVA	12	10.1
Rated Voltage line to line	V	400	230
Rated Current	A	17.3	43.9
Maximum sound power level ( LWA ) complying with 2000/14/EC OND	dB(A)	91 / 89**	

<b>Engine type</b>		<b>Deutz</b>	
Model		F2M 2011F	
Rated net output	kW	12	

### **Weight (ready-to-operate)**

Basic unit	kg	706	725
undercarriage with fixed towbar*	kg	833	852
undercarriage with adj. towbar	kg	848	867

\* fixed towbar without brakes: -35 kg / \*\* LWA for HardHat™ version



QAX 20	QAX 30	QAX 40	QAX 60
400V- 3PH	400V- 3PH	400V- 3PH	-
1500	1500	1500	-
20	30	40	-
400	400	400	-
28.9	43.3	57	-
93 / 90**	91 / 89**	93	-
<b>Deutz</b>	<b>Deutz</b>	<b>Deutz</b>	-
F3M 2011F	F3M 2011F	BF4M 2011	-
19	27.6	36.4	-
804	827	1120	-
864	950	1259	-
931	1016	1309	-

# QAX 24-70



## Principal data

<b>Generator type</b>		<b>QAX 24</b>
Configuration		<b>240V- 3PH</b>
Rated speed	r/min	1800
Rated power - PRP	kVA	24
Rated Voltage line to line	V	240
Rated Current	A	57.7
Maximum sound pressure level at 7m and 75% load	dB(A)	67
<b>Engine type</b>		<b>Deutz</b>
Model		F3M 2011F
Rated net output	kW	22.6
<b>Weight (ready-to-operate)</b>		
Basic unit	kg	804
undercarriage with fixed towbar*	kg	931
undercarriage with adj. towbar	kg	946

\*fixed towbar without brakes: -35 kg



<b>QAX 35</b>	<b>QAX 45</b>	<b>QAX 70</b>
<b>240V- 3PH</b>	<b>240V- 3PH</b>	–
1800	1800	–
35	38	–
240	240	–
84.2	114	–
68	72	–
<b>Deutz</b>	<b>Deutz</b>	–
F3M 2011F	BF4M 2011	–
32.4	43.5	–
827	1120	–
950	1259	–
1016	1309	–



# QAS 14-40



## Reliable power - Critical power

A complete range comprising the QAS 14, QAS 20, QAS 30, QAS 40 models. The QAS range is powered by the Kubota engines and are equipped with Stamford alternators.

A wide range of available options allow you to customize your QAS generator according to your needs.

(1) 60Hz available as dual frequency variant

(2) dual frequency availability to be advised

## Principal data

### Generator type

### QAS 14

		50 Hz		60 Hz <sup>(1)</sup>	
		3 PH	1 PH	3 PH	1 PH
Rated speed	r/min	1500		1800	
Rated power - PRP	kVA	12.9	9	15.4	9.8
Rated Voltage line to line	V	400	230	480	230
Rated Current	A	18.6	39	18.5	40.7
Maximum sound power level (LWA) complying with 2000/14/EC OND	dB(A)	86		90	

### Engine type

### Kubota

Model		D1703M-BG
Rated net output	kW	12.8

### Weight ready-to-operate

Basic unit - standard frame	kg	766
Basic unit - high frame	kg	–
Trailer mounted	kg	1011

# 14-40 kVA - 50/60 Hz



Powered by



QAS 20				QAS 30		QAS 40	
50 Hz		60 Hz <sup>(1)</sup>		50 Hz	60 Hz <sup>(1)(2)</sup>	50 Hz	60 Hz <sup>(1)(2)</sup>
3 PH	1 PH	3 PH	1 PH				
1500		1800		1500	–	1500	–
19.8	14.9	23.3	17.3	30.2	–	41.1	–
400	230	480	230	400	–	400	–
28.6	64.8	28	72.1	43.6	–	59.3	–
88		92		91		89	
<b>Kubota</b>				<b>Kubota</b>		<b>Kubota</b>	
V2403M-BG				V3300DI		V3800DI-T	
18.8				28		38	
824				986		1048	
–				1213		1275	
1069				1261		1323	

# QAS 60-80-100



## Reliable power - Critical power

A complete range comprising the QAS 60, QAS 80 and QAS 100 models. The QAS range is powered by the Perkins 1100 Series engines and are equipped with Stamford alternators.

A wide range of available options allow you to customize your QAS generator according to your needs.

## Principal data

Generator type		QAS 60	
		50 Hz	60 Hz
Rated speed	r/min	1500	1800
Rated power - PRP	kVA	60	70
Rated Voltage line to line	V	400	480
Rated Current	A	87	81
Maximum sound power level (LWA) complying with 2000/14/EC OND	dB(A)	91	94

Engine type		Perkins	
Model		1104C44-TG3	
Rated net output	kW	53	60.2

### Weight ready-to-operate

Basic unit	kg	TBD
Unit with optional skid fuel tank	kg	TBD
Unit with optional undercarriage	kg	TBD

# 60-100 kVA - 50/60 Hz



<b>QAS 80</b>		<b>QAS 100</b>	
50 Hz	60 Hz	50 Hz	60 Hz
1500	1800	1500	1800
80	95	100	115
400	480	400	480
116	114	144	138
92	95	93	96
<b>Perkins</b>		<b>Perkins</b>	
1004C44-TAG1		1004C44-TAG2	
71	82	89	100
TBD		TBD	
TBD		TBD	
TBD		TBD	

# QAS & QAX Lighting tower





From now on Atlas Copco allows you to work 24 hours a day with the new QAS 14 - 20 or QAX 12 - 30 on trailer equipped with a lighting tower. Their lighting power turns night into day for non-stop activity on construction sites, at road works, nocturnal sports events or leisure festivals.

## The mast

- telescopic, four square sections
- operated manually by a winch with automatic brake for safe raising and lowering
- total height: 9.4 m
- can be rotated 350°
- safety features: the mast is blocked as long as it is not in full vertical working position or in horizontal position for transport
- the length of the spiral electrical cable is automatically adjusted to the position of the mast.

## Lighting

- six halogen projectors of 1500 W each
- total power: max. 9 kW
- lux: 198000 lumen

## The generator

- type QAS 14/20 or QAX 12/20/30
- rated frequency: 50 Hz
- continuous apparent power: 13 to 30 kVA
- maximum sound power level (LWA) 2000/14 EC: 90/91 dB(A)

## Dimensions and weight

- overall operational dimensions:
  - length: 4.4 m
  - width: 2.8 m
  - height: max. 9.4 m
- overall transport dimensions:
  - length: 4.4 m
  - width: 1.5 m
  - height: 2 m
- max. allowable weight: 1600 kg
- weight, ready-to-operate: 1350 kg

# QAS 125-325



## Reliable performance for all applications

QAS generators have been developed to produce clean, stable and surge free electricity suitable for use with all types of equipment. Of equal importance, Atlas Copco has developed QAS models so they can develop this power in harsh conditions. This ensures a QAS generator will always be the right choice, regardless of application or location.

## Principal data

Generator type		QAS 125		QAS 150	
		50 Hz	60 Hz	50 Hz	60 Hz
Rated speed	r/min	1500	1800	1500	1800
Rated power - PRP	kVA	125	135	150	165
Rated Voltage line to line	V	400	480	400	480
Rated Current	A	180	162	216	198
Maximum sound power level (LWA) complying with 2000/14/EC OND	dB(A)	97	-	97	-

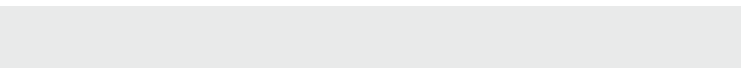
Engine type		VOLVO		VOLVO	
		TAD730GE	TAD731GE	TAD731GE	TAD731GE
Rated net output	kW	113	115	132	140

## Weight ready-to-operate

Basic unit	kg	2486	2532
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# 125 to 345 kVA - 50/60 Hz



QAS 200		QAS 250		QAS 325	
50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz
1500	1800	1500	1800	1500	1800
200	231	250	293	325	345
400	480	400	480	400	480
289	278	361	352	469	415
97	-	97	-	97	-

VOLVO		VOLVO		VOLVO	
TAD733GE		TAD940GE		TAD941GE	
179	197	241	248	280	296
3740		4159		4384	

# QAC 500-750-1000

Atlas Copco QAC containerised Super Silenced generators are the obvious choice for you, when you have a high power demand and you have to operate in a noise sensitive environment. QAC generators are also suitable for continuous duty applications like mines, quarries, power stations and construction sites. Atlas Copco QAC generators can be easily installed to provide standby power for hospitals, supermarkets, banks, hotels and telecommunications. The power range is from 450 kVA to 1140 kVA, 50 Hz or 60 Hz.

## Innovative design

An innovative, variable speed cooling system is standard. This has been tested to ensure the optimum operating temperature is maintained for all components in ambient temperatures between -20°C and +50°C .

## Atlas Copco's commitment to the environment

We are sure at Atlas Copco, that all of us want to take care of the environment

## Reliable engine

Deutz engines BF8M 1015 CP and TBD 616 V12 and V16 are state-of-the-art-technology with electronic control. EMR electronic fuel control maximises output, reduces smoke emissions and reduces fuel consumption. Deutz engine offers you a long life machine with a long service interval and a low cost of ownership. On top of that you receive worldwide support and service.

## Very low noise

Atlas Copco QAC generators have a low noise level and meet the current OND 2000/14/EC environmental regulations. QAC 500 : 61 dB(A) sound pressure (LpA) at 7m 75% load.

## Easy service

The purpose build enclosures, with wide opening doors, grant easy access to all main components to provide easy maintenance. The fuel, oil and air filters are within easy reach. The service interval is long.

## Principal data

Generator type		QAC 500	
		50 Hz	60 Hz
Rated speed	r/min	1500	1800
Rated power - PRP	kVA	500	450
Rated Voltage line to line	V	400	480
Rated Current - PRP	A	722	541
Maximum sound power level ( LWA ) complying with 2000/14/EC OND	dB(A)	92	96

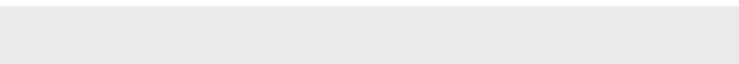
  

Engine type		DEUTZ
Model		BF8M 1015 CP



## The basic package of our QAC comprises:

- Variable Speed Drive electric motor cooling fans
- Electric refuelling pump for internal fuel tank
- External fuel tank connections
- Automatic oil make up system
- Manual oil drain pump
- Fully sealed integral banded frame
- Spilt liquid drain pump
- Qc4002™ + PMS control
- Integrated spark arrestors
- Air inlet shut off valve
- Battery charger
- Coolant heater
- Anti condensation heater
- Earth leakage relay



QAC 750		QAC 1000	
50 Hz	60 Hz	50 Hz	60 Hz
1500	1800	1500	1800
750	875	1000	1140
400	480	400	480
1083	1052	1443	1371
93	96	96	101
DEUTZ		DEUTZ	
TBD 616 V12		TBD 616 V16	

# Cosmos™, BuyBack & Finance



# Cosmos™

Whether you are in your office or anywhere at a site, Cosmos™ connects you with your equipment. Providing information via internet, SMS or e-mail, Cosmos™ allows technicians to arrive at the right location at the right time with the right information. Helping your business to provide better customer service, more up-time, evaluate job costing, save precious time, avoid over and under-servicing, improved invoicing and evaluation of the appropriate machines and fleets for each application.

## BuyBack

All mobile compressors and generators sold by Atlas Copco are now supported by a Buy-Back service that allows you to streamline your machine fleet according to your changing needs, and circumstances.

If you can foresee in the future, that the nature of the work that you do will be changing, and that the machines you buy today will not necessarily be the machines you need tomorrow, you should consider the Buy-Back service.

## Finance

Who could be better placed than Atlas Copco to give you the easiest and best deal to finance your air compressor purchase? As your machine partner, we want to help you get the equipment you need for the job. Our aim therefore is to support you with the right equipment for work that you are doing today, and are looking to do tomorrow.

We are not only your best choice for the machine, but the right choice when it comes to financing.

# Aftermarket

## Service Plan

ServicePlan is available in three levels –

**Total Responsibility Plan,  
Preventative Maintenance Plan  
and Inspection Plan.**

To gain a solid understanding of your exact requirements, our specialist aftermarket advisors will visit you and assess your specific needs. This allows them to propose the most cost effective tailor-made ServicePlan for the highest availability of your compressor/generating set.

### **Total Responsibility Plan**

Total peace of mind. Full coverage of the unit, including air ends, engine, routine service, labour, travel & accommodation, breakdown repairs and overhauls.

### **Preventative Maintenance Plan**

Periodic servicing cover. Includes all required parts/kits, standard labour, travel & accommodation and a complete diagnostics report.

### **Inspection plan**

Regular inspection and reports. Following unit inspection, a comprehensive diagnostic report is provided, listing service recommendations.



## Extended Warranty Program

As an option, the Preventive Maintenance Plan can be combined with an Extended Warranty Program. This Extended Warranty Program is customised for each type of machine to match customers' needs.

## Fixed price service

Ideal for individual repairs, ranging from a simple inspection/diagnostics visit to a full overhaul. A program streamlined to allow for quick quotation, ordering, planning and execution, without surprises.

## Service Pak



Nobody knows Atlas Copco compressors and generators like Atlas Copco. Careful monitoring of performance and maintenance needs over the years has enabled us to put together Service Paks and service programmes tailored to match half yearly and yearly service intervals.

Service Paks contain all the parts needed as part of a scheduled maintenance programme.

When installed by an Atlas Copco mechanic, his experience and training will keep downtime to the minimum and ensures your equipment will be kept in topcondition throughout its operating life.



# Aftermarket

## PAROIL & PARCOOL

### Engineered to protect

**PAROIL** is the **ONLY** oil tested and approved for use in all Atlas Copco compressors and generators.

Extensive laboratory and field endurance tests on Atlas Copco equipment have proven PAROIL to match all lubrication demands in varied conditions. This is critical for reliability and reduced whole life operating costs.

### Quality you can rely upon

PAROIL meets stringent quality control specifications to ensure your equipment will run smoothly and reliably.

### It's the economical and smart solution

The quality lubricator additives in PAROIL allow for extended oil change intervals without any loss in performance and compressor longevity. Less time and money is spent changing oil, reducing operating costs without compromising reliability.

**The development of lighter, more effective engines has put more and more demands on the cooling system.**

**A coolant must combine improved cooling capacity with enhanced levels of component protection.**

Atlas Copco's **PARCOOL EG** extended life coolant is the new range of organic coolants, available through the worldwide Atlas Copco network of service centers, purpose designed to meet the needs of modern engines. PARCOOL EG can help prevent leaks caused by corrosion. PARCOOL EG is also fully compatible with all sealants and gasket types developed to join different materials used within an engine.



## Atlas Copco Genuine Parts



### For peace of mind

Atlas Copco genuine parts are manufactured to the same exacting standards as your compressor. They have passed the same endurance tests and proven to be the best protection for your investment.

Purpose designed genuine parts offer the best value. Guaranteed!

#### Compressor filtration system

Each model in the Atlas Copco range of compressors offers class leading performances. That is because Atlas Copco builds them with state-of-the-art manufacturing methods and only uses high quality components.

#### Genuine oil separator

Only genuine replacement oil separator elements can offer a guaranteed residual oil content of as low as 1-3 ppm at a differential pressure of 0.2 bar in the compressed air delivered by the compressor. This means better quality air and minimal operating cost through less oil consumption and longer service life of fine filters fitted downstream.

#### Engine Filtration, Lubrication and Cooling

Non-genuine filters are readily available, but few will meet the original specifications set out by the engine manufacturer. Spurious oil, fuel and air filter units can have serious deficiencies, such as poor sealing between the filter body and engine, sub standard adhesives securing the paper element inside the filter and lower separation efficiency.



## Enjoy peace of mind. Five years of total coverage without the small print.

CoverCARE™ is the ultimate product to offer you complete and total peace of mind. This service product doesn't only provide you with proper maintenance and parts, but insures your covered for any unexpected failure over a period of 5 years!

### Guaranteed features

- 5 years of warranty coverage
- Includes all preventative and predictive maintenance
- Includes genuine parts & liquids
- Includes all labor
- Comprehensive diagnostics and data analysis
- Guaranteed parts availability anytime, anywhere
- Detailed reporting
- Reduced administration
- Comprehensive coverage with minor exclusions

### Benefits

- Equipment maintained according to manufacturer's recommendations
- Peace of mind
- Costs known upfront
- No hidden surprises
- Clear program
- Less administration
- Higher resell value
- Lower cost of ownership

Contact your local Atlas Copco representative for details of the complete program.



# Notes

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A series of horizontal dashed lines for writing notes, starting from the top of the page and extending to the bottom, providing ample space for text.



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