

# ***THE AMAZING NEW 8 SERIES***

What do you tow?

*Sustainable Productivity*

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*Atlas Copco*

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# THE AMAZING

The new 8 Series compressor range from Atlas Copco is the result of over a decade of continuous development. For the first time, it's possible to transport behind a normal passenger car, with no special driving license, a compressor that can produce up to 5m<sup>3</sup>/min of air, with a full size fuel tank, aftercooler and generator all incorporated into a compact and lightweight package.

This is all made possible by the latest development in our pioneering air element design, meaning we can produce a compressor up to 150kg lighter than comparable models. However, we understand that this means nothing without efficiency. Efficiency can mean many things, such as: reduced service time, fuel consumption or increased utilization. The 8 Series ticks all the boxes when it comes to delivering outstanding performance in all of these categories.

Lastly, depending on your application you might ask about robustness, durability, ruggedness or toughness – we have one simple word for all of the above – The HardHat®. This legendary canopy was born in 2005 and the 8 Series features the latest, toughest design.

The amazing new 8 Series from Atlas Copco, it's all about the numbers, it's all about changing the game and we have one clear challenge to you – **what do you tow?**



The 8 series is the latest product launched in-line with the **Forward-Thinking** philosophy of the Portable Energy division

## YOU. NOT US

We are focused on your needs and delivering products that add value to you.

## ENGINEERED. NOT ASSEMBLED

We have global research and development capabilities coupled with Industry leading investments in innovation.

## SOLUTIONS. NOT COMPROMISE

We are proud to offer you the widest portfolio along with the maximum number of customizable options.

## EFFICIENT. NOT WASTEFUL

We focus on how to improve your environment and minimize the impact on the planet.

## UPTIME. NOT DOWNTIME

We work to your schedule. We are here to make sure you 'run' when you need to run.

## LEADER. NOT FOLLOWER

We will always bring you something new; to help us both stay ahead of the game. It's about looking ahead and staying ahead, in order to help our customers do the same.

# NEW 8 SERIES



**10** NEW MODELS  
FLOWS FROM **2-5** m<sup>3</sup>/min

**150** kg  
LIGHTER THAN  
COMPARABLE  
MODELS

**1** completely  
new   
screw element

Compressor  
oil service  
once in  
**2 Years**

**11** years  
development  
of legendary  
HardHat® Canopy

under **60**  
minutes  
service time

 **12%**  
more  
**fuel** efficient

**15%**   
smaller  
footprint

**100%**  
guaranteed  
Buy-back value



All models below **750KG** with full fuel tank, generator and aftercooler  
ZERO extra driving licenses needed to tow ANY model

| Performance                                |         | XAS 38 Kd | XAS 48 Kd | XAHS 38 Kd | XAS 58 Kd | XAS 68 Kd |
|--------------------------------------------|---------|-----------|-----------|------------|-----------|-----------|
| Working pressure                           | bar (g) | 7         | 7         | 12         | 7         | 7         |
|                                            | psi (g) | 100       | 100       | 175        | 100       | 100       |
| Free air delivery                          | CFM     | 70        | 90        | 80         | 120       | 135       |
|                                            | m³/min  | 2,0       | 2,5       | 2,0        | 3,0       | 3,5       |
| Output power                               | kVA     | -         | -         | -          | -         | -         |
| Noise sound pressure level (Lp)            | dB (A)  | 70        | 70        | 70         | 70        | 70        |
| Noise sound power level (Lw)               | dB (A)  | 98        | 98        | 98         | 98        | 98        |
| Max. ambient temperature at sea level      | °C      | 50        | 50        | 50         | 50        | 50        |
| Min. starting temperature                  | °C      | -10       | -10       | -10        | -10       | -10       |
| Min. starting temperature (cold start aid) | °C      | -20       | -20       | -20        | -20       | -20       |

| Engine                            |     |        |        |        |        |        |
|-----------------------------------|-----|--------|--------|--------|--------|--------|
| Engine brand                      |     | Kubota | Kubota | Kubota | Kubota | Kubota |
| Engine model                      |     | D 722  | D 902  | V 1505 | V 1505 | V 1505 |
| Number of cylinders               |     | 3      | 3      | 4      | 4      | 4      |
| Power output @ normal shaft speed | kW  | 14,9   | 18,5   | 26,5   | 26,5   | 26,5   |
| Full load RPM                     | rpm | 3400   | 3600   | 3000   | 3000   | 3000   |
| Unload RPM                        | rpm | 2000   | 2000   | 1850   | 1850   | 1850   |
| Engine oil capacity               | l   | 3,6    | 3,6    | 5,5    | 5,5    | 5,5    |
| Compressor oil capacity           | l   | 5,5    | 5,5    | 7,7    | 7,7    | 7,7    |
| Fuel tank capacity                | l   | 27     | 27     | 60     | 60     | 60     |

| Dimensions : box unit                |    |      |      |       |       |       |
|--------------------------------------|----|------|------|-------|-------|-------|
| Length                               | mm | 1570 | 1570 | 1940  | 1940  | 1940  |
| Width                                | mm | 1060 | 1060 | 1180  | 1180  | 1180  |
| Height                               | mm | 990  | 990  | 1150  | 1150  | 1150  |
| Weight box                           | kg | 440  | 440  | 650   | 650   | 650   |
| Transport dimensions : undercarriage |    |      |      |       |       |       |
| Length                               | mm | 1960 | 1960 | 2290  | 2290  | 2290  |
| Width                                | mm | 1230 | 1230 | 1350  | 1350  | 1350  |
| Height                               | mm | 1250 | 1250 | 1400  | 1400  | 1400  |
| Weight portable                      | kg | 500  | 500  | < 750 | < 750 | < 750 |

## OPTIONS

- Adjustable towbar with brakes
- Adjustable towbar without brakes
- Fixed towbar with brakes
- Fixed towbar without brakes
- DoT approved undercarriage
- Support mounted
- Support leg
- Jockey wheel
- Road signalization + wheel chocks
- Towing eye (DIN, NATO, AC, BNA, ITA ,GB , Ball coupling)
- Loose ball coupling
- Special colours
- Cold start
- Toolbox
- Aftercooler + water separator
- Aftercooler + water separator + reheater
- Aftercooler by-pass
- Additional fuel filter
- Safety cartridge
- Lubricator
- Non-return valve
- Tilt protection
- Air filter vacuum system
- Hose reel
- 4th O/L valve (simple attachment)
- DPF



| Performance                                |         | XATS 68 Kd | XAS 78 Kd | XAS 88 Kd | XAS 48 KdG | XAS 68 KdG |
|--------------------------------------------|---------|------------|-----------|-----------|------------|------------|
| Working pressure                           | bar (g) | 10         | 7         | 7         | 7          | 7          |
|                                            | psi (g) | 150        | 100       | 100       | 100        | 100        |
| Free air delivery                          | CFM     | 135        | 160       | 175       | 90         | 135        |
|                                            | m³/min  | 3,5        | 4,5       | 5,0       | 2,5        | 3,5        |
| Output power                               | kVA     | -          | -         | -         | 6,5 or 12  | 6,5 or 12  |
| Noise sound pressure level (Lp)            | dB (A)  | 70         | 70        | 70        | 70         | 70         |
| Noise sound power level (Lw)               | dB (A)  | 98         | 98        | 98        | 98         | 98         |
| Max. ambient temperature at sea level      | °C      | 50         | 70        | 50        | 50         | 50         |
| Min. starting temperature                  | °C      | -10        | -10       | -10       | -10        | -10        |
| Min. starting temperature (cold start aid) | °C      | -20        | -20       | -20       | -20        | -20        |

| Engine                            |     |          |          |          |        |          |
|-----------------------------------|-----|----------|----------|----------|--------|----------|
| Engine brand                      |     | Kubota   | Kubota   | Kubota   | Kubota | Kubota   |
| Engine model                      |     | V 1505 T | V 1505 T | V 1505 T | V 1505 | V 1505 T |
| Number of cylinders               |     | 4        | 4        | 4        | 4      | 4        |
| Power output @ normal shaft speed | kW  | 33       | 33       | 33       | 26,5   | 33       |
| Full load RPM                     | rpm | 3000     | 3000     | 3000     | 3000   | 3000     |
| Unload RPM                        | rpm | 1850     | 1850     | 1850     | 1850   | 1850     |
| Engine oil capacity               | l   | 5,5      | 5,5      | 5,5      | 5,5    | 5,5      |
| Compressor oil capacity           | l   | 7,7      | 7,7      | 7,7      | 7,7    | 7,7      |
| Fuel tank capacity                | l   | 60       | 60       | 60       | 60     | 60       |

| Dimensions : box unit |    |      |      |      |      |      |
|-----------------------|----|------|------|------|------|------|
| Length                | mm | 1940 | 1940 | 1940 | 1940 | 1940 |
| Width                 | mm | 1180 | 1180 | 1180 | 1180 | 1180 |
| Height                | mm | 1150 | 1150 | 1150 | 1150 | 1150 |
| Weight box            | kg | 650  | 650  | 650  | 650  | 650  |

| Transport dimensions : undercarriage |    |       |       |       |       |       |
|--------------------------------------|----|-------|-------|-------|-------|-------|
| Length                               | mm | 2290  | 2290  | 2290  | 2290  | 2290  |
| Width                                | mm | 1350  | 1350  | 1350  | 1350  | 1350  |
| Height                               | mm | 1400  | 1400  | 1400  | 1400  | 1400  |
| Weight portable                      | kg | < 750 | < 750 | < 750 | < 750 | < 750 |

## ISO STANDARDS

Atlas Copco's fully implemented Quality Management and Environmental Management systems in the design and manufacturing of these units fulfill the requirements of ISO 9001 and ISO 14001 & OHSAS 18001. The range has also been given the certificate tested according to ISO 1217:2009-annex D.



Never use compressed air as breathing air without prior purification in accordance with local legislation and standards.

# 8 STEP SIMPLE SERVICE

1

Draining  
all liquids



Centralized  
draining point

2

Drain and replace  
compressor oil



Accessible drain point  
below vessel

3

Drain and replace  
engine oil



Easy inlet pour

4

Replace engine  
air filter



Easy clip in  
changeable filter

5

Replace compressor  
air filter



Easy clip in  
changeable filter

6

Replace engine  
oil filter



Easily  
accessible spin on  
engine oil filter

7

Replace compressor  
oil filter



Easily  
accessible spin on  
compressor oil filter

8

Replace compressor  
separator element



Easily  
accessible spin on  
separator element

**ALL THIS CAN BE  
DONE IN MINUTES –  
NOT HOURS, WITH NO  
SPECIAL TOOLS NEEDED**



**FULLY  
GUARANTEED  
SERVICE COSTS**

**2 OR 3 YEAR PLAN**

less  
than **1€**  
per day

# 8 STANDARD FEATURES

1. Reliable and high performance Kubota engine
2. Legendary HardHat® canopy
3. Starter motor protection system



4. Three layer anti-corrosion (c3) paint system
5. Anti air lock system for guaranteed starting
6. Spillage free frame
7. Battery cut off switch
8. Encased wire routings for extra protection

# PORTABLE ENERGY SOLUTIONS PORTFOLIO

## AIR COMPRESSORS

### READY TO GO

- 1-5 m<sup>3</sup>/min
- 7-12 bar



### VERSATILITY

- 7-22 m<sup>3</sup>/min
- 7-20 bar



### PRODUCTIVITY PARTNER

- 19-64 m<sup>3</sup>/min
- 10-35 bar



Diesel and electric options available.

## GENERATORS

### PORTABLE

- 1,6-13,9 kVA



### MOBILE

- 9-1250\* kVA



### INDUSTRIAL

- 10-1250\* kVA



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

## DEWATERING PUMPS

### ELECTRIC SUBMERSIBLE

- 275-16.500 l/min



### DIESEL DRIVEN CANOPY

- 833-9833 l/min



### DIESEL DRIVEN OPEN FRAME

- 3300-7500 l/min



## LIGHT TOWERS

### LED



### METAL HALIDE



### SOLAR



## COMMITTED TO SUSTAINABLE PRODUCTIVITY

Atlas Copco's Portable Energy division 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)

*Atlas Copco*