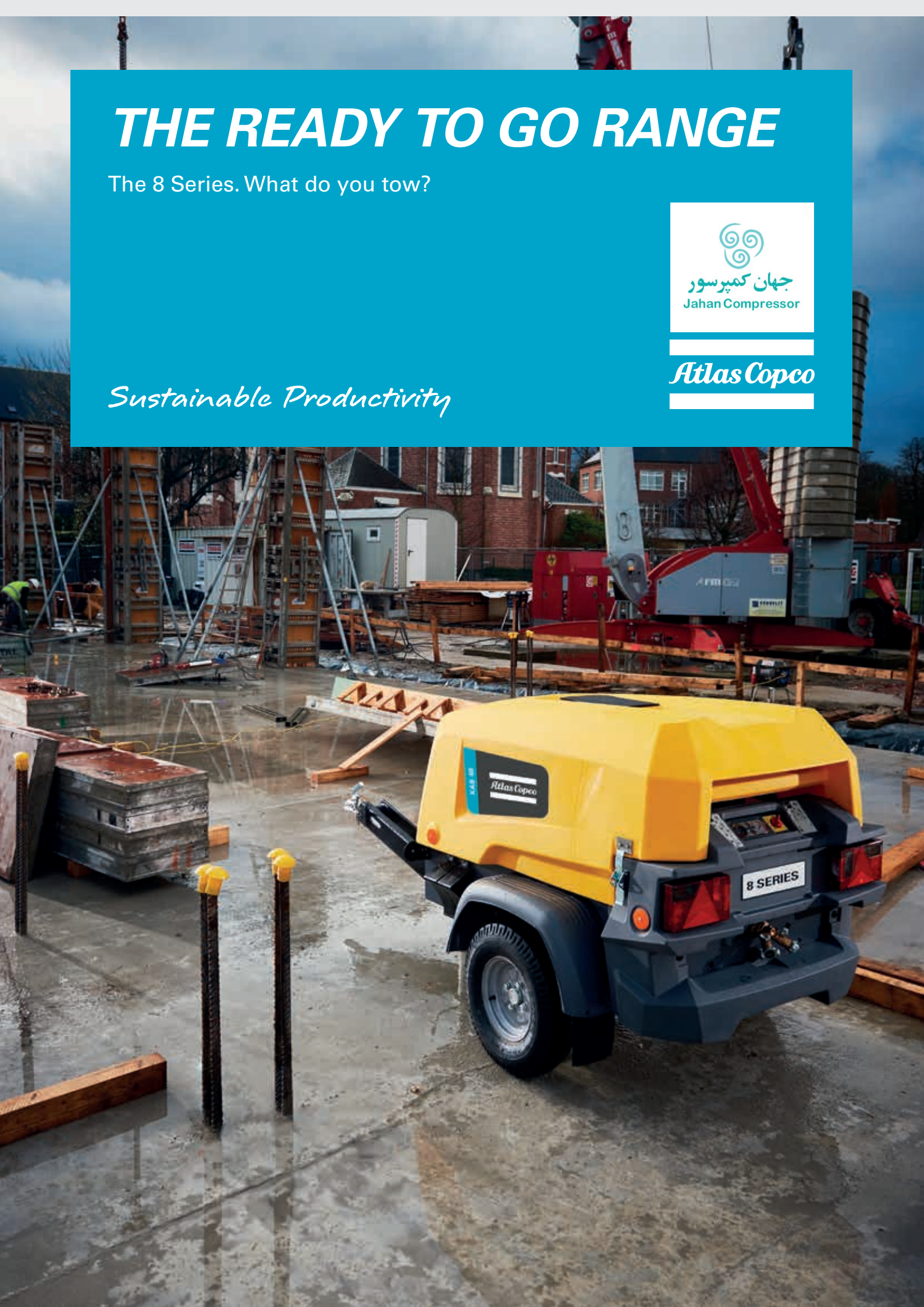
THE READY TO GO RANGE

The 8 Series. What do you tow?

جهان کمپرسور
Jahan Compressor

Atlas Copco

Sustainable Productivity



Introducing the 8 Series

The 8 Series compressor range 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 5 m^3/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, we can produce a compressor up to 150 kg 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 8 Series, 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?**

Better together

One small 8 Series compressor can power two RTEX breakers.

reddot design award
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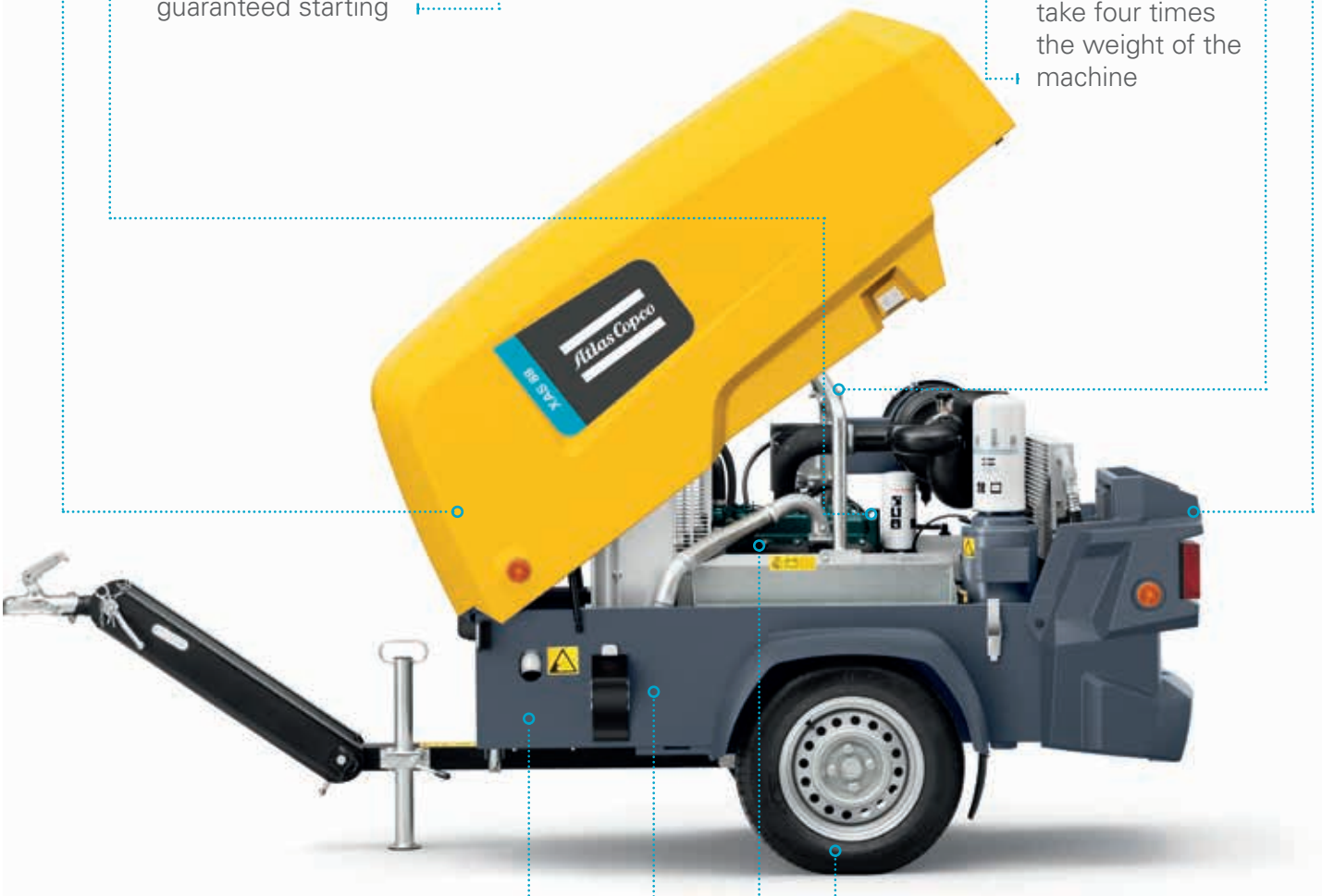
8 standard features

- Legendary HardHat® canopy
- Starter motor protection system
- Anti air lock system for guaranteed starting
- Fail-safe lifting beam tested to take four times the weight of the machine



- Three layer anti-corrosion (c3) paint system
- Winter tyres as standard on all models
- Strong undercarriage made from a single sheet with no welding. The frame is also spillage free, as standard
- Battery cut off switch

TECHNICAL DATA

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
Max. free air delivery	m^3/min	2	2,5	2,2	3	3,5
	cfm	70	90 (108*)	80	106	125
Output power	kVA	-	-	-	-	-
Max. ambient temperature at sea level	°C	50	50	50	50	50
Min. starting temperature / (cold start Aid)	°C	-10 / -20	-10 / -20	-10 / -20	-10 / -20	-10 / -20
Engine						
Model		KUBOTA D 722	KUBOTA D 902	KUBOTA V 1505	KUBOTA V 1505	KUBOTA 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
Nominal speed	rpm	3400	3600 (3400*)	3000	3000	3000
Unload speed	rpm	2000	2000	1850	1850	1850
Capacity						
Engine oil	l	3,6	3,6	5,5	5,5	5,5
Compressor oil	l	5,5	5,5	7,7	7,7	7,7
Fuel tank capacity	l	27	27	60	60	60
Noise level						
Sound power level (LwA)	dB(A)	98	98	98	98	98
Sound pressure level (LpA) at 7m	dB(A)	70	70	70	70	70
Dimensions and weight (box unit / undercarriage)						
Length	mm	1570 / 1960	1570 / 1960	1940 / 2290	1940 / 2290	1940 / 2290
Width	mm	1060 / 1230	1060 / 1230	1180 / 1350	1180 / 1350	1180 / 1350
Height	mm	990 / 1250	990 / 1250	1150 / 1400	1150 / 1400	1150 / 1400
Weight (box / portable)	kg	440 / 500	440 / 500	650 / <750	650 / <750	650 / <750

*Values in brackets for non-European models

AVAILBALE OPTIONS INCLUDE:

- 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
- Aftercoooler by-pass
- Additional fuel filter
- Safety cartridge
- Lubricator
- Non-return valve
- Tilt protection
- Hose reel
- DPF
- LED lights
- Refinery equipment

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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
Max. free air delivery	m^3/min	3,5	4,5	5	2,5	3,5
	cfm	125	160	175	90	125
Output power	kVA	-	-	-	6,5 | 12	6,5 | 12
Max. ambient temperature at sea level	°C	50	50	50	50	50
Min. starting temperature / (cold start Aid)	°C	-10 / -20	-10 / -20	-10 / -20	-10 / -20	-10 / -20
Engine						
Model		KUBOTA V 1505 T	KUBOTA V 1505 T	KUBOTA V 1505 T	KUBOTA V 1505 (T)	KUBOTA V 1505 T
Number of cylinders		4	4	4	4	4
Power output @ normal shaft speed	kW	33	33	33	26,5 (33)	33
Nominal speed	rpm	3000	3000	3000	3000	3000
Unload speed	rpm	1850	1850	1850	1850	1850
Capacity						
Engine oil	l	5,5	5,5	5,5	5,5	5,5
Compressor oil	l	7,7	7,7	7,7	7,7	7,7
Fuel tank capacity	l	60	60	60	60	60
Noise level						
Sound power level (LwA)	dB(A)	98	98	98	98	98
Sound pressure level (LpA) at 7m	dB(A)	70	70	70	70	70
Dimensions and weight (box unit / undercarriage)						
Length	mm	1940 / 2290	1940 / 2290	1940 / 2290	1940 / 2290	1940 / 2290
Width	mm	1180 / 1350	1180 / 1350	1180 / 1350	1180 / 1350	1180 / 1350
Height	mm	1150 / 1400	1150 / 1400	1150 / 1400	1150 / 1400	1150 / 1400
Weight (box / portable)	kg	650 / <750	650 / <750	650 / <750	650 / <750	650 / <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.

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

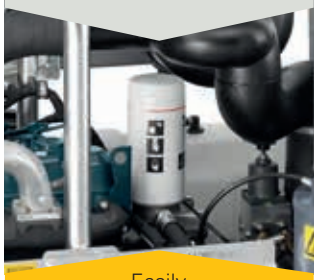
6

Replace engine
oil filter

Easily
accessible spin on
engine oil filter

7

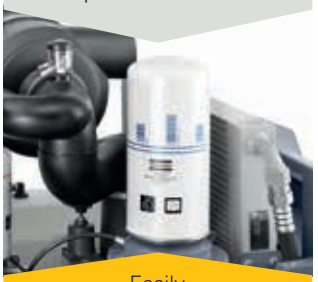
Replace compressor
oil filter



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
1€
LESS THAN 1 PER DAY

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It's all about the numbers

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LIGHTER THAN COMPARABLE MODELS 150 KG

10 MODELS FLOWS FROM 2-5 m³/min

1 COMPLETELY NEW SCREW ELEMENT

$ 12% MORE FUEL EFFICIENT

UNDER 60 MINUTES SERVICE TIME

OIL SERVICE ONCE IN 2 YEARS

EVERY MODEL BELOW 750 kg
With full fuel tank, generator and aftercooler, ZERO extra driving licenses needed to tow ANY model

15% SMALLER FOOTPRINT

11 YEARS DEVELOPMENT HARDHAT® CANOPY

100% GUARANTEED VALUE BUY-BACK

Portable Energy Solutions Portfolio

AIR COMPRESSORS

READY TO GO
- 1-5 m³/min
- 7-12 bar

VERSATILITY
- 7-22 m³/min
- 7-20 bar

PRODUCTIVITY PARTNER
- 19-116 m³/min
- 10-345 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

CENTRIFUGAL DIESEL DRIVEN
- 833-9833 l/min

SMALL PORTABLE
- 210-2500 l/min

LIGHT TOWERS

LED

METAL HALIDE

ELECTRIC

Portfolio and options available can change depending on the market.

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

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