

POWER TAKE-OVER UNITS

We provide the air –
you provide the power



Atlas Copco



Power take-over (PTO) compressors

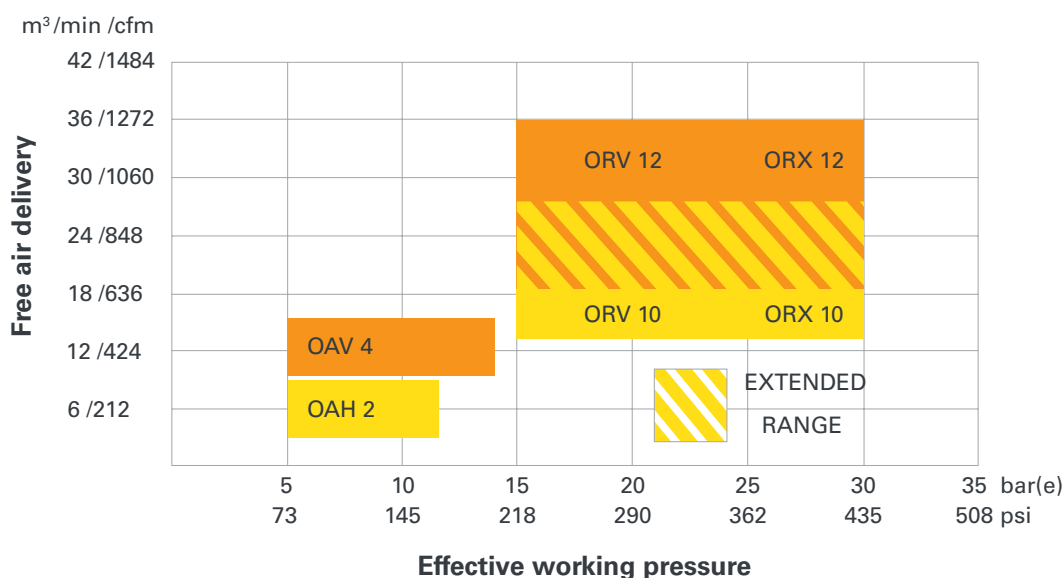
We provide all the components needed to make high-quality compressed air, except the engine!

These OEM focused units provide an economic, efficient way to produce compressed air while utilizing your existing power source. The OEM compressor is the ideal air companion where the power source is an engine, electric motor, hydraulic motor, PTO-drive or any other source.

These units have become the choice for OEM applications across the world. Including manufacturers of packaged air compressors, drill rigs, trucks & all-terrain vehicles. They are designed compactly with the smallest possible footprint, they are designed to offer maximum flexibility in use – they are designed to fit your needs exactly.

- 6 complementary models
- 5-30 bar
- Skid mounted (with or without canopy) and vessel options available
- Flows up to 36 m³/min
- Pressure and flow settings regulated to the gear ratio rpm and input power
- Small footprint to enable easy integration with your existing equipment
- Integrated gearbox drive
- Simple service and maintenance
- Integrated air receiver tank and pressure vessel (OAH and OAV models)
- Legendary air element with worldwide sales and service support
- ORV/ORX is delivered as two modules (compressor module and pressure vessel)

PTO range: Pressure and flow overview



Technical data

Compressor		OAH 2	OAV 4	ORV 10	ORX 10	ORV 12	ORX 12
Required input power	Kw	78	147	302	315	388	415
Maximum free air delivery	m³/min	9,3	14,7	28	28	36	35
	cfm	330	520	1000	1000	1270	1250
Maximum effective working pressure	bar	12	14	25	30	25	30
	psi	175	203	362	435	362	435
Maximum allowable inlet temperature	°C	50	50	50	50	50	50
Minimum allowable inlet temperature	°C	-25	-25	-25	-25	-25	-25
Compressed air temperature at minimum pressure valve (approx.)	°C	90	90	100	100	100	100
Design data							
Number of compression stages		1	1	2	2	2	2
Minimum allowable male rotor speed	rpm	2000	3000	2000	2000	2000	2000
Maximum allowable male rotor speed	rpm	4930	5000	4000	4000	4000	4000
Oil capacity	l	28	50	47	47	47	47
Net capacity of air receiver	l	42	91	143	143	143	143
Vessel		Internal	Internal	External	External	External	External
Weight and dimensions							
Length	mm	990	1250	1590	1590	1590	1590
Width	mm	994	1430	1700	1700	1700	1700
Height	mm	1198	1422	1365	1365	1365	1365
Weight with canopy	kg	500	840	1350	1380	1400	1430
Weight without canopy	kg	420	735	1210	1240	1260	1230

PTO Compressor with canopy



PTO Compressor without canopy



Portable Energy Solutions Portfolio

AIR COMPRESSORS

READY TO GO

- 1-5 m³/min
- 7-12 bar



VERSATILITY

- 5,5-22 m³/min
- 7-20 bar



PRODUCTIVITY PARTNER

- 19-127 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

- 833-23.300 l/min



SMALL PORTABLE

- 210-2500 l/min



Diesel and electric options available.

LIGHT TOWERS

LED



METAL HALIDE



ELECTRIC



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.

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