

*Atlas Copco*

# Power take-over units

We provide the air –  
you provide the power



# Power take-over (PTO) compressors

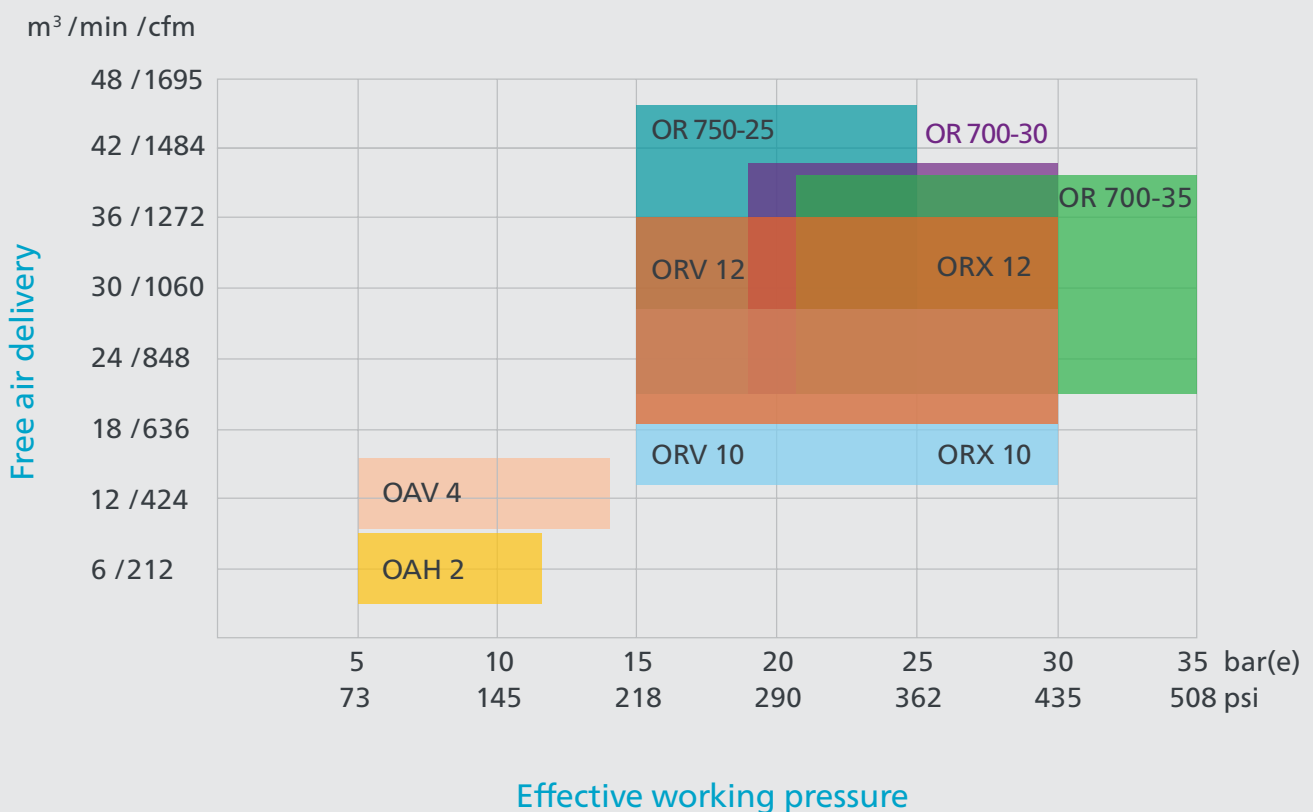
We provide all the components needed to make high-quality compressed air, except the engine.

These OEM focused units provide an economic, efficient way to produce compressed air while utilizing your existing power source. A PTO compressor is the ideal air companion if you a power source available, such as an engine, electric motor, hydraulic motor, PTO-drive, such as 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 and all-terrain vehicles. They are designed compactly with the smallest possible footprint. Every PTO offers maximum flexibility in use, whatever your application requires.

- 9 complementary models
- 5-35 bar
- Flows up to 45 m<sup>3</sup>/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
- Skid mounted (with or without canopy) and vessel options available
- Integrated air receiver tank and pressure vessel (OAH and OAV models)
- OR/ORV/ORX is delivered as two modules (compressor module and pressure vessel)
- In-house designed air element with worldwide sales and service support

**PTO range: Pressure and flow overview**



# Technical data

		OAH 2	OAV 4	ORV 10	ORX 10	ORV 12	ORX 12	OR 750-25	OR 700-30	OR 700-35
Absolute inlet pressure	bar	1	1	1	1	1	1	1	1	1
	psi	14	14	14	14	14	14	14	14	14
Free Air Delivery	l/s	156	245	472	472	600	600	750	680	672
	cfm	330	520	1000	1000	1270	1270	1590	1440	1424
Minimum effective working pressure range	bar	5	5	15	15	15	15	15	18	21
	psi	73	73	218	218	218	218	218	260	305
Maximum effective working pressure range	bar	12	14	25	30	25	30	25	30	35
	psi	175	203	362	435	362	435	363	435	508
<b>Design data</b>										
Number of compression stages		1	1	2	2	2	2	2	2	2
Minimum allowable male rotor speed	rpm	2000	2000	2000	2000	2000	2000	2000	2000	2000
Maximum allowable male rotor speed	rpm	4930	5000	4000	4000	4000	4000	4541	4000	4000
Oil capacity	l	28	50	47	47	47	47	78	78	78
Capacity of the OSM	l	42l	91l	143l	143l	143l	143l	160	160	160
<b>Dimensions</b>										
Length	mm	990	1250	1590	1590	1590	1590	1420	1420	1420
Width	mm	994	1430	1700	1700	1700	1700	1130	1130	1130
Height	mm	1198	1422	1365	1365	1365	1365	1325	1325	1325
Weight (without canopy)	kg	420	735	1210	1240	1260	1230	1037	1037	1037

PTO Compressor with canopy



PTO Compressor without canopy



# Power Technique Solutions Portfolio

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.

## Air compressors

### Ready to go



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

### Versatility



- 5.5-22 m<sup>3</sup>/min
  - 7-20 bar
- \*Diesel and electric options available

### Productivity partner



- 19-116 m<sup>3</sup>/min
- 10-345 bar

## Handheld tools

### Pneumatic tools



- Breakers (2,5 – 40 kg)
- Rockdrills (5 – 25 kg)
- Underground Rock Drills
- Additional Air Tools

### Hydraulic tools



- Breakers (11 – 40 kg)
- Additional Hydraulic Tools
- Powerpacks

### Petrol engine driven tools



- Breakers & Tie Tampers (25 kg)
- Rockdrills (23 Kg)

### Generators



- Portable
- Mobile
- Industrial

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

### Light towers



- Diesel LED and MH
- Electric LED
- Battery LED

### Dewatering pumps



- Submersible
- Surface
- Small portable

\*Diesel and electric options available

Photos and illustrations contained herein might depict products with optional and/or extra components which are not included with the standard version of the product and, therefore, are not included in a purchase of such product unless the customer specifically purchases such optional/extra components. We reserve the right to change the specifications and design of products described in this literature without notice. Not all products are available in all markets.