

OPPAIR

OPPAIR

CHINA'S TOP INTEGRATED
SUPPLIER OF GAS EQUIPMENT



2023
SHANDONG OPPAIR



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OPPAIR



OUR CERTIFICATE



COMPANY PROFILE

Shandong OPPAIR Machinery Manufacturing base in Linyi, Shandong, an AAA-level enterprise with high-quality service and integrity in China.

As one of the world's largest air compressor system suppliers, OPPAIR is currently developing the following products: Fixed-speed Air Compressors, Permanent Magnet Variable Frequency Air Compressors, Two-stage Air Compressors, 4-IN-1 Air Compressors (Integrated Air Compressor for Laser Cutting Machine), Supercharger, Freeze Air Dryer, Adsorption Dryer, Air Storage Tank and related accessories. OPPAIR adheres to the business philosophy of win-win cooperation and provides one-stop service for every customer!

German standard, manufactured by OPPAIR. As a leading technology company in the industry OPPAIR has been committed to cultivating talents and pursuing quality. We have a group of out-standing talents who have a strong aerodynamic foundation and are always active in the field of mechanical applications and R&D technology. This gives OPPAIR an unparalleled advantage in technology research and development, product innovation and customization.

OPPAIR has achieved rapid development on the basis of innovaton and scientific research. We have won great attention from the industry and have obtained the national GC-evel energy efficiency certification. OPPAIR compressor are 15% higher than the air flow rate in the same industry. PV series can save up to 40% of energy.

Choose OPPAIR, your energy saving expert!

OPPAIR adheres to the attitude of win-win cooperation and welcomes customers from all over the world to discuss cooperation!

QUALIFICATION CERTIFICATE



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WWW.OPPAIRCOMPRESSOR.COM

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WE SUPPORT VOLTAGE CUSTOMIZATION AND COLOR CUSTOMIZATION

208v/50hz/3p

220v/60hz/3p

380v/50hz/3p

400v/50hz/3p

415v/50hz/3p

440v/60hz/3p

220v/50hz/1p

220v/60hz/1p

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CHOOSE OPPAIR
CHOOSE HIGH QUALITY, CHOOSE QUALITY, REST ASSURED
HIGH QUALITY AIR COMPRESSOR

AIR END

1. Adopts the international top-level third-generation asymmetric wire twin-screw air end, adheres to the exquisite manufacturing process, adopts the peak high efficiency low-pressure, high-efficiency tooth shape and the axial air inlet design.
2. Optimized flow channel design, with a large rotor, low speed and high efficiency. Increased energy efficiency by 5% -15% compared to the second generation.
3. Uses Swedish SKF heavy-duty bearings, double-lip lip shaft seal, durable and reliable. The bearing design life is 80,000-100,000 hours and the air end design life is about 200,000 hours.



MOTOR

1. The motor adopts a well-known brand high-performance motor. The permanent magnet synchronous motor (PM motor) adopts high-performance permanent magnets, which do not lose magnetism under 200°, and have a service life of up to 15 years.
2. The stator coil uses the frequency converter special halo proof enameled wire, the insulation is outstanding and the service life is longer.
3. The motor has the function of temperature protection. It also has a wide range of motor speed regulation, high precision and wide range of volume regulation. The reliability is significantly improved with small size, low noise and large excess current.
4. Protection grade IP55, insulation grade F, effectively protects the motor and increases the service life of the motor, the efficiency is 5%-7% higher than similar products.



SMART CONTROLLER

1. Adopts PLC multilanguage control system, beautiful and intuitive interface, easy to operate function, operators can quickly and easily adjust the compressor.
2. 14 protection functions such as overload protection, short circuit protection, reverse protection, low temperature protection, high voltage protection, etc. to fully protect the unit.
3. The advanced microcomputer control drive system realizes intelligent control, air volume variable speed control automatic adjustment of load start and soft start. Intelligent dynamic control, dynamic display of the working status of each component of the compressor, visual pressure, temperature, current working curve, etc.
4. Large memory and equipped with printer interface: it can use computer remote monitoring or multiple linkage control between air compressors.



FAN

1. The fan uses a large fan design to effectively enhance the fan's heat dissipation effect. The motor adopts a special internal design to adapt to harsh working conditions.
2. The fan motor adopts special winding and high protection grade design to adapt to harsh working conditions.
3. The fan is controlled by the controller to realize the automatic start and stop function, which effectively maintains the normal working temperature of the air compressor lubricant.



INTAKE VALVE

1. Intake valve is the core component to control the air intake of the air compressor.
2. Adopting the world famous brand air intake valve, it can automatically adjust the air volume by 0-100% according to the requirement of the system air quantity. It promises small pressure loss, stable action and long life consequently reduced operating costs.



HEAT EXCHANGER

1. The heat exchanger uses high-quality raw materials and a unique internal channel design, which increases the heat exchange area and can effectively dissipate heat for the air compressor.
2. The inner wall of the heat exchanger is treated with corrosion protection to increase the service life of the heat exchanger and increase the heat transfer effect.
3. The radiator has passed the strict factory test, and the quality is reliable, which effectively prevents the high temperature of the air compressor and increases the service life of the machine.



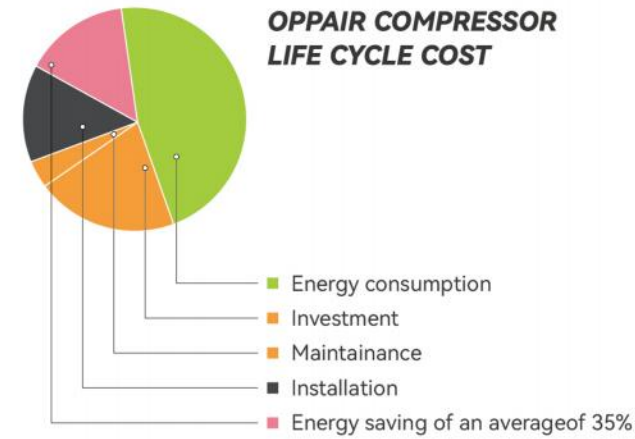
7.5KW-250KW PM VSD
SCREW AIR COMPRESSOR
 STABLE,LOW NOISE,INTELLIGENT CONTROL



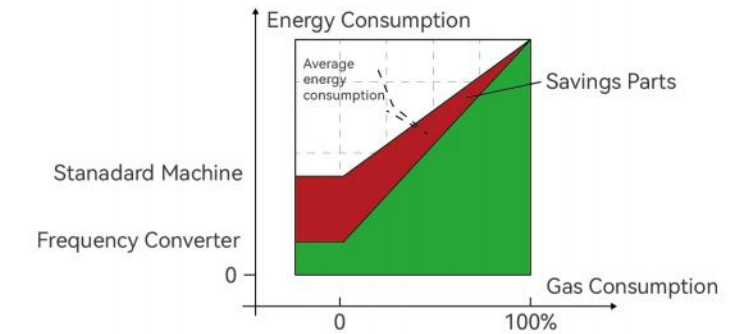
OPP PM VSD
SCREW AIR COMPRESSOR
7.5KW-55KW

Model	OPP-10PV	OPP-15PV	OPP-20PV	OPP-30PV	OPP-40PV	OPP-50PV	OPP-60PV	OPP-75PV
Power(kw)	7.5	11	15	22	30	37	45	55
Horsepower (hp)	10	15	20	30	40	50	60	75
Air displacement/ Working pressure (m³/min./ bar)	1.2/7	1.6/7	2.5/7	3.8/7	5.3/7	6.8/7	7.4/7	10.0/7
	1.1/8	1.5/8	2.3/8	3.6/8	5.0/8	6.2/8	7.0/8	9.2/8
	0.9/10	1.3/10	2.1/10	3.2/10	4.5/10	5.6/10	6.2/10	8.5/10
	0.8/12	1.1/12	1.9/12	2.7/12	4.0/12	5.0/12	5.6/12	7.6/12
Air outlet diameter	DN20	DN25	DN25	DN25	DN40	DN40	DN40	DN50
Lubricating oil volume (L)	10	16	16	18	30	30	30	65
Noise level dB(A)	60±2	62±2	62±2	64±2	66±2	66±2	66±2	68±2
Driven method	Direct driven							
Type	PM VSD							
Start method	Variable frequency start							
Length (mm)	900	1060	1060	1200	1450	1450	1880	1880
Width (mm)	620	700	700	850	1050	1050	1320	1320
Height (mm)	1020	1100	1100	1150	1400	1400	1430	1430
Weight (kg)	220	280	280	400	500	500	820	820

PM VSD FEATURES



ENERGY CONSUMPTION CURVE OF FREQUENCY CONVERSION COMPRESSOR



As the main model of OPPAIR, the Permanent Magnet Variable Frequency Air Compressor (PM VSD/VFD Type) has outstanding advantages:

- Deep energy saving can reach 30%
- Intelligent control system
- The latest generation of high-efficiency permanent magnet motors
- The latest generation of ultra-stable inverter
- Soft start, small start impact
- Low noise

OPP PM VSD
SCREW AIR COMPRESSOR
75KW-250KW

Model	OPP-100PV	OPP-125PV	OPP-150PV	OPP-175PV	OPP-200PV	OPP-275PV	OPP-350PV
Power(kw)	75	90	110	132	160	200	250
Horsepower (hp)	100	125	150	175	200	275	350
Air displacement/ Working pressure (m³/min./ bar)	13.4/7	16.2/7	21.0/7	24.5/7	32.4/7	38.2/7	45.5/7
	12.6/8	15.0/8	19.8/8	23.2/8	30.2/8	36.9/8	43/8
	11.2/10	13.8/10	17.4/10	20.5/10	26.9/10	33/10	38.9/10
	10.0/12	12.3/12	14.8/12	17.4/12	23/12	28.5/12	36/12
Air outlet diameter	DN50	DN50	DN65	DN65	DN75	DN90	DN90
Lubricating oil volume (L)	65	72	90	90	110	130	150
Noise level dB(A)	68±2	70±2	70±2	70±2	75±2	85±2	85±2
Driven method	Direct driven						
Type	PM VSD						
Start method	Variable frequency start						
Length (mm)	1900	2450	2450	2450	2760	2760	2760
Width (mm)	1260	1660	1660	1660	1800	1800	1800
Height (mm)	1600	1700	1700	1700	2100	2100	2100
Weight (kg)	1850	1950	2200	2500	2800	3100	3500

7.5KW-250KW
FIXED SPEED SCREW AIR COMPRESSOR



COMPRESSOR FEATURES



OPPAIR Screw air compressor has the advantages of high stability, high efficiency, low vibration, low noise and long service life. Compressed air from air compressors is the second largest power source after electricity and has a wide range of applications. Its compressed air is widely used in electricity, spraying, food, metallurgy, petrochemical, automotive, ship building, precision electronics, chemical and printing industries.

OPP FIXED SPEED
SCREW AIR COMPRESSOR
7.5KW-55KW

Model	OPP-10F	OPP-15F	OPP-20F	OPP-30F	OPP-40F	OPP-50F	OPP-60F	OPP-75F
Power(kw)	7.5	11	15	22	30	37	45	55
Horsepower (hp)	10	15	20	30	40	50	60	75
Air displacement/ Working pressure (m ³ /min./ bar)	1.2/7	1.6/7	2.5/7	3.8/7	5.3/7	6.8/7	7.4/7	10.0/7
	1.1/8	1.5/8	2.3/8	3.6/8	5.0/8	6.2/8	7.0/8	9.2/8
	0.9/10	1.3/10	2.1/10	3.2/10	4.5/10	5.6/10	6.2/10	8.5/10
	0.8/12	1.1/12	1.9/12	2.7/12	4.0/12	5.0/12	5.6/12	7.6/12
Air outlet diameter	DN20	DN25	DN25	DN25	DN40	DN40	DN40	DN40
Lubricating oil volume (L)	10	16	16	18	30	30	30	65
Noise level dB(A)	60±2	62±2	62±2	64±2	66±2	66±2	66±2	68±2
Driven method	Direct driven							
Type	Fixed Speed							
Start method	Y-Δ							
Length (mm)	900	1060	1060	1200	1450	1450	1880	1880
Width (mm)	620	700	700	850	1050	1050	1320	1320
Height (mm)	1020	1100	1100	1150	1400	1400	1430	1430
Weight (kg)	220	280	280	400	500	500	820	820

OPP FIXED SPEED
SCREW AIR COMPRESSOR
75KW-250KW

Model	OPP-100F	OPP-125F	OPP-150F	OPP-175F	OPP-200F	OPP-275F	OPP-350F
Power(kw)	75	90	110	132	160	200	250
Horsepower (hp)	100	125	150	175	200	275	350
Air displacement/ Working pressure (m ³ /min./ bar)	13.4/7	16.2/7	21.0/7	24.5/7	32.4/7	38.2/7	45.5/7
	12.6/8	15.0/8	19.8/8	23.2/8	30.2/8	36.9/8	43/8
	11.2/10	13.8/10	17.4/10	20.5/10	26.9/10	33/10	38.9/10
	10.0/12	12.3/12	14.8/12	17.4/12	23/12	28.5/12	36/12
Air outlet diameter	DN50	DN50	DN65	DN65	DN75	DN90	DN90
Lubricating oil volume (L)	65	72	90	90	110	130	150
Noise level dB(A)	68±2	70±2	70±2	70±2	75±2	85±2	85±2
Driven method	Direct driven						
Type	Fixed Speed						
Start method	Y-Δ						
Length (mm)	1900	2450	2450	2450	2760	2760	2760
Width (mm)	1260	1660	1660	1660	1800	1800	1800
Height (mm)	1600	1700	1700	1700	2100	2100	2100
Weight (kg)	1850	1950	2200	2500	2800	3100	3500

SCREW AIR COMPRESSOR
AIR TANK
AIR DRYER
PRECISION FILTER EXHIBITION HALL

CONNECTION SCHEME



**4-IN-1 INTEGRATED
SCREW AIR COMPRESSOR
FOR LASER CUTTING MACHINE
MAX CAN BE 16BAR**



AIR



COMPRESSOR FEATURES

- IE3/IE4 permanent magnet motor
- Constant voltage/mute
- Automotive grade design
- Small footprint
- Light in weight
- Easy to install and easy to maintain
- Five-stage filtration, the maximum protection of your laser cutting machine



**APPLICATION
INDUSTRY**



**4-IN-1
INTEGRATED COMPRESSOR, 7-12BAR
NORMAL PRESSURE SERIES**

Model	OPA-10F	OPA-15F	OPA-20F	OPA-30F	OPA-10PV	OPA-15PV	OPA-20PV	OPA-30PV
Power(kw)	7.5	11	15	22	7.5	11	15	22
Horsepower (hp)	10	15	20	30	10	15	20	30
Air displacement/ Working pressure (m ³ /min./ bar)	1.2/7	1.6/7	2.5/7	3.8/7	1.2/7	1.6/7	2.5/7	3.8/7
	1.1/8	1.5/8	2.3/8	3.6/8	1.1/8	1.5/8	2.3/8	3.6/8
	0.9/10	1.3/10	2.1/10	3.2/10	0.9/10	1.3/10	2.1/10	3.2/10
	0.8/12	1.1/12	1.9/12	2.7/12	0.8/12	1.1/12	1.9/12	2.7/12
Air Tank (L)	380	380/500	380/500	500	380	380/500	380/500	500
Type	Fixed Speed	Fixed Speed	Fixed Speed	Fixed Speed	PM VSD	PM VSD	PM VSD	PM VSD
Air outlet diameter	DN20	DN20	DN20	DN20	DN20	DN20	DN20	DN20
Lubricating oil volume(L)	10	16	16	18	10	16	16	18
Noise level dB(A)	60±2	62±2	62±2	68±2	60±2	62±2	62±2	68±2
Driven method	Direct driven	Direct driven	Direct driven	Direct driven	Direct driven	Direct driven	Direct driven	Direct driven
Start method	Y-Δ	Y-Δ	Y-Δ	Y-Δ	Variable frequency start			
Length (mm)	1750	1820	1820	1850	1750	1820	1820	1850
Width (mm)	750	760	760	870	750	760	760	870
Height (mm)	1550	1800	1800	1850	1550	1800	1800	1850
Weight (kg)	400	520	550	630	410	530	560	640

**4-IN-1
LASER CUTTING COMPRESSOR, MAX 16BAR
HIGH PRESSURE SERIES**

Model	OPA-15F/16	OPA-20F/16	OPA-30F/16	OPA-15PV/16	OPA-20PV/16	OPA-30PV/16
Power(kw)	11	15	22	11	15	22
Horsepower (hp)	15	20	30	15	20	30
Air displacement/ Working pressure (m ³ /min./ bar)	1.0/16	1.2/16	2.0/16	1.0/16	1.2/16	2.0/16
Air Tank (L)	380/500	380/500	500	380/500	380/500	500
Air outlet diameter	DN20	DN20	DN20	DN20	DN20	DN20
Type	Fixed Speed	Fixed Speed	Fixed Speed	PM VSD	PM VSD	PM VSD
Driven method	Direct driven	Direct driven	Direct driven	Direct driven	Direct driven	Direct driven
Start method	Y-Δ	Y-Δ	Y-Δ	Variable frequency start		
Length (mm)	1820	1820	1850	1820	1820	1850
Width (mm)	760	760	870	760	760	870
Height (mm)	1800	1800	1850	1800	1800	1850
Weight (kg)	520	550	630	530	560	640

2-IN-1 INTEGRATED TYPE
SUPPORT SINGLE-PHASE AND 3-PHASE POWER



COMPRESSOR FEATURES

- Equipped with wheels, easy to move
- Ultra-quiet wheels, silent
- Permanent magnet frequency conversion series, energy saving 30%
- Support single-phase and three-phase power
- Multiple low power can be selected

APPLICATION INDUSTRY



**OPN NORMAL PRESSURE
SCREW AIR COMPRESSOR
3.7KW-11KW 7BAR-12BAR**

Model	OPN-5F	OPN-6F	OPN-7F	OPN-10F	OPN-15F	OPN-5PV	OPN-6PV	OPN-7PV	OPN-10PV	OPN-15PV
Power(kw)	3.7	4.5	5.5	7.5	11	3.7	4.5	5.5	7.5	11
Horsepower (hp)	5	6	7.5	10	15	5	6	7.5	10	15
Air displacement/ Working pressure (m ³ /min./ bar)	0.6/7	0.67/7	0.98/7	1.2/7	1.6/7	0.6/7	0.67/7	0.98/7	1.2/7	1.6/7
	0.58/8	0.63/8	0.95/8	1.1/8	1.5/8	0.58/8	0.63/8	0.95/8	1.1/8	1.5/8
	0.55/10	0.59/10	0.7/10	0.9/10	1.3/10	0.55/10	0.59/10	0.7/10	0.9/10	1.3/10
Air Tank (L)	120	120	200	200	220	120	120	200	200	220
Type	Fixed Speed					PM VSD				
Air outlet diameter	DN20	DN20	DN20	DN20	DN40	DN20	DN20	DN20	DN20	DN40
Lubricating oil volume (L)	10	10	10	10	16	10	10	70	10	16
Noise level dB(A)	56±2	56±2	60±2	60±2	62±2	56±2	56±2	60±2	60±2	62±2
Driven method	Direct driven					Direct driven				
Start method	Y-Δ					Variable frequency start				
Length (mm)	1050	1050	1300	1300	1300	1050	1050	1300	1300	1300
Width (mm)	500	500	500	500	500	500	500	500	500	500
Height (mm)	1020	1020	1090	1090	1090	1020	1020	1090	1090	1090
Weight (kg)	145	190	200	220	230	145	190	200	220	230

3-IN-1 INTEGRATED TYPE
SUPPORT SINGLE-PHASE AND 3-PHASE POWER



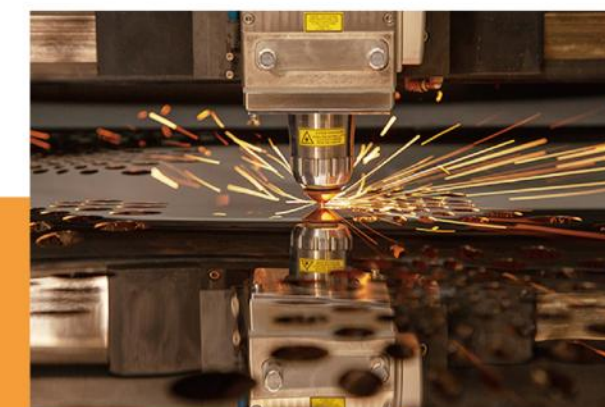
**PRODUCT
DETAILS**



COMPRESSOR FEATURES

- Integrate air compressor, air tank, air dryer and precision filter into one machine, easy to use
- Multi-stage filtration, provide more clean air
- Equipped with silent wheels, easy to move
- Support single-phase and three-phase power, better meet industrial and household needs

**APPLICATION
INDUSTRY**



7.5KW-15KW
7BAR-12BAR
NORMAL PRESSURE SERIES

Model	OPR-10F	OPR-15F	OPR-20F	OPR-10PV	OPR-15PV	OPR-20PV
Power(kw)	7.5	11	15	7.5	11	15
Horsepower (hp)	10	15	20	10	15	20
Air displacement/ Working pressure (m ³ /min./ bar)	1.2/7	1.6/7	2.5/7	1.2/7	1.6/7	2.5/7
	1.1/8	1.5/8	2.3/8	1.1/8	1.5/8	2.3/8
	0.9/10	1.3/10	2.1/10	0.9/10	1.3/10	2.1/10
	0.8/12	1.1/12	1.9/12	0.8/12	1.1/12	1.9/12
Air Tank (L)	260	260	360	260	260	360
Type	Fixed Speed			PM VSD		
Air outlet diameter	DN25	DN25	DN40	DN25	DN25	DN40
Lubricating oil volume(L)	10	10	18	10	10	18
Noise level dB(A)	60±2	62±2	62±2	60±2	62±2	62±2
Driven method	Direct driven			Direct driven		
Start method	Y-A			Variable frequency start		
Length (mm)	1550	1550	1750	1550	1550	1750
Width (mm)	500	500	720	500	500	720
Height (mm)	1090	1090	1500	1090	1090	1500
Weight (kg)	220	220	350	220	220	350

**4-IN-1 INTEGRATED
SCREW AIR COMPRESSOR**



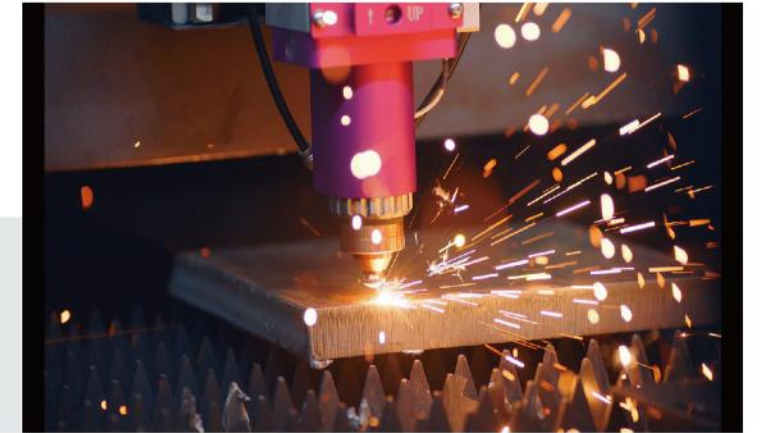
**15KW-22KW
16BAR
HIGH PRESSURE SERIES**

Model	OPL-20PV/16	OPL-30PV/16
Power(kw)	15	22
Horsepower (hp)	20	30
Air displacement/ Working pressure (m ³ /min./ bar)	1.2/16	2.0/16
Air Tank (L)	340*1	340*1
Type	PM VSD	PM VSD
Air outlet diameter	DN25	DN25
Lubricating oil volume(L)	18	18
Noise level dB(A)	62±2	68±2
Driven method	Direct driven	Direct driven
Start method	Variable frequency start	Variable frequency start
Length (mm)	1750	1750
Width (mm)	720	720
Height (mm)	1490	1490
Weight (kg)	400	490

COMPRESSOR FEATURES

1. Equipped with highly flexible wheels, quiet and easy to move
2. The highest pressure can reach: 16bar, dedicated to the laser cutting industry
3. With high-efficiency air dryer, high-precision precision filter, oil removal, water removal, and dust removal filtration accuracy can reach: 0.01um.

APPLICATION INDUSTRY



**15KW-22KW
16BAR HIGH PRESSURE SERIES
(DOUBLE TANK)**

Model	OPL-20PV/16(2)	OPL-30PV/16(2)
Power(kw)	15	22
Horsepower (hp)	20	30
Air displacement/ Working pressure (m ³ /min./ bar)	1.2/16	2.0/16
Air Tank (L)	160*2	230*2
Type	PM VSD	PM VSD
Air outlet diameter	DN25	DN25
Lubricating oil volume (L)	18	18
Noise level dB(A)	62±2	68±2
Driven method	Direct driven	Direct driven
Start method	Variable frequency start	Variable frequency start
Length (mm)	1750	1750
Width (mm)	720	850
Height (mm)	1490	1530
Weight (kg)	430	520

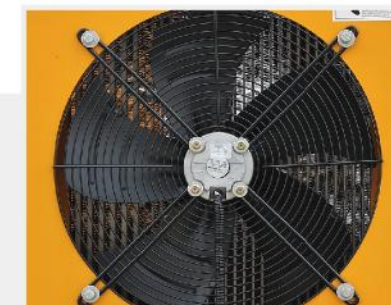
ENGINEERING COMPRESSOR



PRODUCT DETAILS



Air End



Fan



Smart Controller



Power Frequency

COMPRESSOR FEATURES

- Minus the shell, the weight is lighter and more suitable for outdoor use
- Compact structure, small size, but more functional
- The controller supports multiple languages
- Support OEM design



15KW-37KW
7BAR-12BAR
ENGINEERING COMPRESSOR

Model	OPS-20	OPS-30	OPS-40	OPS-50
Power(kw)	15	22	30	37
Horsepower (hp)	20	30	40	50
Air displacement/ Working pressure (m ³ /min./ bar)	2.5/7	3.8/7	5.3/7	6.8/7
	2.3/8	3.6/8	5.0/8	6.2/8
	2.1/10	3.2/10	4.5/10	5.6/10
	1.9/12	2.7/12	4.0/12	5.0/12
Air Tank (L)	180*2	200*2	200*2	200*2
Type	Fixed Speed	Fixed Speed	Fixed Speed	Fixed Speed
Air outlet diameter	DN40	DN40	DN40	DN40
Lubricating oil volume (L)	18	20	20	20
Noise level dB(A)	60±2	62±2	62±2	68±2
Driven method	Direct driven	Direct driven	Direct driven	Direct driven
Start method	Y-Δ	Y-Δ	Y-Δ	Y-Δ
Length (mm)	1450	1650	1650	1650
Width (mm)	850	750	850	900
Height (mm)	1090	1200	1200	1200
Weight (kg)	330	380	400	420

55KW-315KW
TWO-STAGE COMPRESSION
SCREW AIR COMPRESSOR



55KW-132KW
OPT TWO-STAGE
SCREW AIR COMPRESSOR

Model	OPT-75PV	OPT-100PV	OPT-125PV	OPT-150PV	OPT-175PV
Power(kw)	55	75	90	110	132
Horsepower (hp)	75	100	125	150	175
Air displacement/ Working pressure (m ³ /min./ bar)	12/8	14.5/8	20/8	22.5/8	26.5/8
	10.5/10	13/10	16.5/10	19.6/10	23.0/10
	9.0/13	11.5/13	15.0/13	17.5/13	20.5/13
Air outlet diameter	DN65	DN65	DN65	DN65	DN65
Lubricating oil volume (L)	65	65	72	90	90
Noise level dB(A)	68±2	68±2	70±2	70±2	70±2
Driven method	Variable frequency start				
Start method	Direct driven				
Length (mm)	2480	2480	2480	2480	2480
Width (mm)	1570	1570	1570	1570	1570
Height (mm)	1910	1910	1910	1910	1910
Weight (kg)	2400	2550	2900	3200	3500

- Rotor adopts the world's leading high-efficiency line to cast a stable, high-efficiency air end
- Two stage independent compression, isobaric and low speed design are adopted. The gas volume is increased by more than 15% under the same power
- Each stage of low voltage ratio guarantee, air end leakage smaller, volume efficiency is higher
- Oil spray cooling is used between stages, which makes the whole compression process close to isotherma compression and improves the compression adiabatic efficiency
- The two sections of rotor are driven directly by helical gears respectively, which makes each rotor obtain the best linear speed and the highest compression transfer efficiency
- High Life guarantee of rotor and bearing with small load and continuous operation of air end



160KW-315KW
OPT TWO-STAGE
SCREW AIR COMPRESSOR

Model	OPT-200PV	OPT-275PV	OPT-350PV	OPT-380PV	OPT-430PV
Power(kw)	160	200	250	280	315
Horsepower (hp)	200	275	350	380	430
Air displacement/ Working pressure (m ³ /min./ bar)	32.5/8	40.5/8	51.0/8	56.0/8	61.0/8
	30.0/10	35.0/10	45.0/10	47.5/10	53.5/10
	26.0/13	31.0/13	40.0/13	42.5/13	47.6/13
Air outlet diameter	DN80	DN80	DN100	DN100	DN125
Lubricating oil volume (L)	110	130	150	180	220
Noise level dB(A)	75±2	85±2	85±2	100±5	105±5
Driven method	Variable frequency start				
Start method	Direct driven				
Length (mm)	2850	2850	3250	4000	4350
Width (mm)	1050	1050	2150	2180	2210
Height (mm)	2060	2060	2210	2250	2265
Weight (kg)	3950	4250	5600	7200	7800

**SCREW BOOSTER INTEGRATED AIR COMPRESSOR
MAX PRESSURE 40BAR**



The permanent magnet frequency conversion screw booster integrated air compressor adopts frequency conversion technology and permanent magnet motor, and adjusts the motor speed through the frequency converter to match the gas production with the gas consumption of the gas equipment, thus greatly reducing the electricity cost of the enterprise, while compared with the traditional absolute pressure compressor, it is easier to maintain.

Model	SCI-2.4/30-8	SCI-2.4/40-10	SCI-3.2/30-8	SCI-3.2/40-10	SCI-4.0/30-8
Displacement (m ³ /min)	2.4	2.4	3.2	3.2	4
Power (kw)	18.5+11	18.5+11	22+15	22+15	30+18.5
Exhaust pressure (bar)	30	40	30	40	30
Input pressure (bar)	8	10	8	10	8
Speed (r/min)	680-750	680-750	680-750	680-750	680-750
Overall dimensions L×W×H (mm)	2500×850×1500	2500×850×1500	2500×850×1500	2500×850×1500	2600×1000×1570
Weight (kg)	800	800	850	850	1150
Cooling way	Air cooled				
Noise	76±2	76±2	76±2	76±2	76±2

SCI-4.0/40-10	SCI-5.0/30-8	SCI-5.0/40-10	SCI-6.0/30-8	SCI-6.0/40-10	SCI-8.0/30-8	SCI-8.0/40-10
4.0	5.0	5.0	6.0	6.0	8.0	8.0
30+18.5	37+18.5	37+18.5	37+22	45+22	55+30	55+30
40	30	40	30	40	30	40
10	8	10	8	10	8	10
680-750	680-750	680-750	680-750	680-750	680-750	680-750
2600×1000×1570	2600×1000×1570	2600×1000×1570	2700×1000×1600	2700×1000×1600	3000×1100×1800	3000×1100×1800
1150	1150	1150	1250	1250	1500	1500
Air cooled						
76±2	76±2	76±2	76±2	76±2	76±2	76±2

**BOOSTER AIR COMPRESSOR
FOR BOTTLE BLOWING
NEED TO MATCH 8/10BAR SCREW AIR COMPRESSOR**

The pressurized air compressor can pressurize the low-pressure air source to the high-pressure air source suitable for the blow molding machine. Compared with the traditional piston air compressor, it has the characteristics of low noise and high efficiency, and is especially suitable for large-flow application's gas requirements.



Model	SCH-1.5/30	SCH-2.4/30	SCH-3.2/30	SCH-5.0/30	SCH-6.0/30
Displacement (m ³ /min)	1.5	2.4	3.2	5.0	6.0
Exhaust pressure (bar)	30	30	30	30	30
Input pressure (bar)	8	8	8	8	8
Power (kw)	7.5	11	15	18.5	22
Overall dimensions L×W×H (mm)	1000×550×950	1350×800×1100	1350×800×1100	1350×800×1100	1450×950×1250
Weight (kg)	230	380	400	480	520

SCH-8.0/30	SCH-10.0/30	SCH-2.4/40	SCH-4/40	SCH-5/40	SCH-6/40	SCH-8/40	SCH-10/40
8.0	10.0	2.4	4.0	5.0	6.0	8.0	10.0
30	30	40	40	40	40	40	40
8	8	10	10	10	10	10	10
30	37	15	18.5	22	30	37	45
1500×950×1300	1600×1000×1400	1500×950×1300	1600×1000×1300	1600×1000×1300	1650×1000×1400	1800×1200×1500	1800×1200×1500
600	850	600	750	750	800	850	850

**MEDIUM PRESSURE PISTON AIR COMPRESSOR
CAN REACH 30/40/60BAR DIRECTLY FROM 0BAR**

Model	SCW-0.6/30(2)	SCW-1.0/30(2)	SCW-1.2/30(2)	SCW-1.6/30(3)	SCW-2.0/30(2)	2-SCW-2.4/30(2)
Displacement (m ³ /min)	0.6	1.0	1.2	1.6	2.0	2.4
Exhaust pressure (bar)	30	30	30	30	30	30
Compressed stage	Two-stage compression			Three-stage compression	Two-stage compression	
Cooling way	Air cooled			Air cooled	Air cooled	
Power	7.5	11	15	18.5	22	2*15
Speed (rpm)	780	750	780	800	800	780
Overall dimensions L×W×H (mm)	1100*530*1020	1150*800*1000	1200*850*1150	1350*850*1040	1500*1300*1000	1800*1100*1200
Weight (kg)	290	440	480	500	800	850

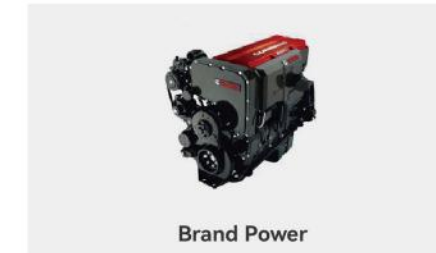
SCW-0.8/40(3)	SCW-1.0/40(3)	SCW-1.2/40(3)	SCW-1.6/40(3)	SCW-2.0/40(3)	SCW-0.6/60(3)	SCW-1.0/60(3)	SCW-1.6/60(3)
0.8	1.0	1.2	1.6	2.0	0.6	1.0	1.6
40	40	40	40	40	60	60	60
Three-stage compression							
Air cooled							
11	15	18.5	22	30	11	18.5	22
780	750	780	780	800	720	750	820
1150*800*1100	1200*750*1113	1400*1000*1100	1350*900*1040	1800*1300*1200	1200*850*1150	1400*1000*1100	1800*1300*1200
450	440	520	550	850	480	520	850



DIESEL MOBILE SCREW AIR COMPRESSOR

Model	OPM-37-8(F)	OPM-37-8	OPM-55-8(F)	OPM-55-10(F)	
Model style	Fixed type(No wheel)	Two wheels	Fixed type(No wheel)	Fixed type(No wheel)	
Screw air compressor	Compression level	Single stage	Single stage	Single stage	
	Exhaust pressure	8bar(116psi)	8bar(116psi)	8bar(116psi)	10bar(145psi)
	Volumetric flow	4.5m3/min (157cfm)	4.5m3/min (157cfm)	6m3/min (210cfm)	5m3/min (175cfm)
	Maximum towing speed (km/h)	20	20	20	20
	Main engine lubricating oil (L)	20	20	20	20
	Air supply valve size / quantity	G1"*2	G1"*2	G1"*2	G1"*2
	Maximum recommended working altitude	2000	2000	2000	2000
Diesel engines	Rated power (kw) / speed (r / min)	37/1600	37/1600	55/2000	55/2000
	Brand name	XICHA	XICHA	XICHA	XICHA
	Number of cylinders	4	4	4	4
	Air inlet method	Inhale naturally		Turbocharging & inter-air cooling	
	Displacement (L)	2.54	2.54	2.54	2.54
	Engine lubricating oil quantity (L)	7	7	7	7
	Fuel tank capacity (L)	100	100	100	100
Machine parameters	Number of batteries	1	1	2	2
	Length (mm)	1800	1800	1800	1800
	Width (mm)	1150	1150	1150	1150
	Height (mm)	1000	1300	1400	1400
	Weight (kg)	800	850	900	900
	Wheel size* quantity	/	175/65R14C*2	/	/
	Noise level (sound level) db	80±3	80±3	90±3	90±3
Exhaust emission standards	Non-road country three				

COMPRESSOR FEATURES



- High reliability: fewer parts, no wearing parts longer life, the interval between overhauls can reach 40,000 to 80,000 hours
- Convenient operation and maintenance: high degree of automation, unattended operation can be realized
- Strong adaptability: the volume flow is almost not affected by the exhaust pressure, maintain high efficiency in a wide range of speed



DIESEL MOBILE SCREW AIR COMPRESSOR

Model	OPM-55-8	OPM-55-10	OPM-81-8	OPM-81-10	
Model style	Two wheels	Two wheels	Two wheels	Two wheels	
Screw air compressor	Compression level	Single stage	Single stage	Single stage	
	Exhaust pressure	8bar(116psi)	10bar(145psi)	8bar(116psi)	10bar(145psi)
	Volumetric flow	6m3/min(210cfm)	5m3/min (175cfm)	8m3/min(280cfm)	6m3/min (210cfm)
	Maximum towing speed (km/h)	20	20	20	20
	Main engine lubricating oil (L)	20	20	120	120
	Air supply valve size / quantity	G1"*2	G1"*2	G1"*2	G1"*2
	Maximum recommended working altitude	2000	2000	2000	2000
Diesel engines	Rated power (kw) / speed (r / min)	55/2000	55/2000	81/2200	81/2200
	Brand name	XICHA	XICHA	Cummins	Cummins
	Number of cylinders	4	4	4	4
	Air inlet method	Turbocharging & inter-air cooling			
	Displacement (L)	2.54	2.54	3.9	3.9
	Engine lubricating oil quantity (L)	7	7	10	10
	Fuel tank capacity (L)	100	100	200	200
Machine parameters	Number of batteries	2	2	2	2
	Length (mm)	2600	2600	3000	3000
	Width (mm)	1700	1700	2000	2000
	Height (mm)	1800	1800	1900	1900
	Weight (kg)	1100	1100	1800	1800
	Wheel size* quantity	175/65R14C*2	175/65R14C*2	//	//
	Noise level (sound level) db	90±3	90±3	82±3	82±3
Exhaust emission standards	Non-road country three				



DIESEL MOBILE SCREW AIR COMPRESSOR

Model	OPM-118-8	OPM-118-10	OPM-118-13	OPM-140-14.5(2)
Model style	Four wheels	Four wheels	Four wheels	Two wheels
Screw air compressor	Compression level	Single stage	Single stage	Single stage
	Exhaust pressure	8bar(116psi)	10bar(145psi)	13bar (189psi)
	Volumetric flow	13m3/min (455cfm)	11m3/min (385cfm)	10m3/min (350cfm)
	Maximum towing speed (km/h)	20	20	20
	Main engine lubricating oil (L)	60	60	60
	Air supply valve size / quantity	G1 1/2"*1 G1"*1	G1 1/2"*1 G1"*1	G1 1/2"*1 G1"*1
	Maximum recommended working altitude	2000	2000	2000
Diesel engines	Rated power (kw) / speed (r / min).	118/2300	118/2300	118/2300
	Brand name	YUCHAI	YUCHAI	YUCHAI
	Number of cylinders	4	4	4
	Air inlet method	Turbocharging & inter-air cooling		
	Displacement (L)	4.75	4.75	4.75
	Engine lubricating oil quantity (L)	13	13	13
	Fuel tank capacity (L)	200	200	200
Machine parameters	Number of batteries	2	2	2
	Length (mm)	3200	3200	3200
	Width (mm)	1600	1600	1600
	Height (mm)	2050	2050	2050
	Weight (kg)	2000	2000	2000
	Wheel size * quantity	//	//	//
	Noise level (sound level) db	82±3	82±3	82±3
Exhaust emission standards	Non-road country three			

DIESEL MOBILE SCREW AIR COMPRESSOR

Model	OPM-140-14.5(4)	OPM-162-15(Single)	OPM-162-16(Single)	OPM-162-8(Two stage)
Model style	Four wheels	Four wheels	Four wheels	Four wheels
Screw air compressor	Compression level	Single stage	Single stage	Two-stage
	Exhaust pressure	14.5bar (210psi)	15bar(218psi)	16bar(232psi)
	Volumetric flow	15m3/min (525cfm)	16m3/min (560cfm)	15m3/min (525cfm)
	Maximum towing speed (km/h)	20	20	20
	Main engine lubricating oil (L)	90	90	90
	Air supply valve size / quantity	G1 1/2"*1 G1"*1	G1 1/2"*1 G1"*1	G1 1/2"*1 G1"*1
	Maximum recommended working altitude	2000	2000	2000
Diesel engines	Rated power (kw) / speed (r / min)	140/2200	162/2200	162/2200
	Brand name	YUCHAI	YUCHAI	YUCHAI
	Number of cylinders	6	6	6
	Air inlet method	Turbocharging & inter-air cooling		
	Displacement (L)	6.5	6.5	6.5
	Engine lubricating oil quantity (L)	15	15	15
	Fuel tank capacity (L)	250	250	250
Machine parameters	Number of batteries	1	2	2
	Length (mm)	3500	3360	3360
	Width (mm)	1750	1690	1690
	Height (mm)	2200	2200	2200
	Weight (kg)	3100	3500	3500
	Wheel size* quantity	7.5-16-14RP*4	215/75R16*4	215/75R16*4
	Noise level (sound level) db	82±3	82±3	82±3
Exhaust emission standards	Non-road country three			

DIESEL MOBILE SCREW AIR COMPRESSOR

Model	OPM-162-13(Two-stage)	OPM-162-16(Two-stage)	OPM-162-20(Two-stage)	OPM-191-17
Model style	Four wheels	Four wheels	Four wheels	Four wheels
Screw air compressor	Compression level	Two-stage	Two-stage	Two-stage
	Exhaust pressure	13bar(189psi)	16-17bar(232-247psi)	20bar(290psi)
	Volumetric flow	17m3/min(595cfm)	17m3/min (595cfm)	12m3/min(420cfm)
	Maximum towing speed (km/h)	20	20	20
	Main engine lubricating oil (L)	90	90	90
	Air supply valve size / quantity	G1 1/2"*1 G1"*1	G1 1/2"*1 G1"*1	G1 1/2"*1 G1"*1
	Maximum recommended working altitude	2000	2000	2000
Diesel engines	Rated power (kw) / speed (r / min)	162/2200	162/2200	162/2200
	Brand name	YUCHAI	YUCHAI	YUCHAI
	Number of cylinders	6	6	6
	Air inlet method	Turbocharging & inter-air cooling		
	Displacement (L)	6.5	6.5	6.5
	Engine lubricating oil quantity (L)	15	15	15
	Fuel tank capacity (L)	250	250	250
Machine parameters	Number of batteries	2	2	2
	Length (mm)	3360	3360	3360
	Width (mm)	1690	1690	1690
	Height (mm)	2200	2200	2200
	Weight (kg)	3500	3500	3500
	Wheel size* quantity	215/75R16*4	215/75R16*4	215/75R16*4
	Noise level (sound level) db	82±3	82±3	82±3
Exhaust emission standards	Non-road country three			



**DIESEL MOBILE
SCREW AIR COMPRESSOR**

Model	OPM-194-8	OPM-194-13(F)	OPM-194-17(F)	OPM-194-10
Model style	Four wheels	Fixed type(No wheel)	Fixed type(No wheel)	Four wheels
Screw air compressor	Compression level	Two-stage	Single stage	Two-stage
	Exhaust pressure	8bar (116psi)	13bar(189psi)	17bar(247psi)
	Volumetric flow	20m3/min (700cfm)	17m3/min(595cfm)	18m3/min (630cfm)
	Maximum towing speed (km/h)	20	20	20
	Main engine lubricating oil (L)	120	120	120
	Air supply valve size / quantity	G1 1/2"*1 G1"*1	G1 1/2"*1 G1"*1	G1 1/2"*1 G1"*1
	Maximum recommended working altitude	2000	2000	2000
Diesel engines	Rated power (kw) / speed (r / min).	194/2200	194/2200	194/2200
	Brand name	Cummins	Cummins	Cummins
	Number of cylinders	6	6	6
	Air inlet method	Turbocharging & inter-air cooling		
	Displacement (L)	8.3	8.3	8.3
	Engine lubricating oil quantity (L)	22	22	22
	Fuel tank capacity (L)	320	320	320
Machine parameters	Number of batteries	2	2	2
	Length (mm)	3670	3670	3670
	Width (mm)	1870	1870	1870
	Height (mm)	2400	2200	2200
	Weight (kg)	3900	3900	3900
	Wheel size * quantity	7.5-16-14RP*4	7.5-16-14RP*4	//
	Noise level (sound level) db	82±3	82±3	82±3
Exhaust emission standards	Non-road country three			

**DIESEL MOBILE
SCREW AIR COMPRESSOR**

Model	OPM-228-20	OPM-228-22	OPM-242-17	OPM-264-25(F)
Model style	Fixed type(No wheel)	Fixed type(No wheel)	Fixed type(No wheel)	Fixed type(No wheel)
Screw air compressor	Compression level	Two-stage	Two-stage	Two-stage
	Exhaust pressure	20bar(290psi)	22bar(319psi)	17bar(247psi)
	Volumetric flow	22m3/min(770cfm)	20m3/min(700cfm)	21m3/min(735cfm)
	Maximum towing speed (km/h)	20	20	20
	Main engine lubricating oil (L)	100	100	120
	Air supply valve size / quantity	G1"*1 G2"*1	G1"*1 G2"*1	G1 1/2"*1 G1"*1
	Maximum recommended working altitude	2000	2000	2000
Diesel engines	Rated power (kw) / speed (r / min)	228/2200	228/2200	242/2200
	Brand name	YUCHAI	YUCHAI	Cummins
	Number of cylinders	6	6	6
	Air inlet method	Turbocharging & inter-air cooling		
	Displacement (L)	8.4	8.4	8.9
	Engine lubricating oil quantity (L)	24	24	26
	Fuel tank capacity (L)	430	430	430
Machine parameters	Number of batteries	2	2	2
	Length (mm)	3670	3670	3670
	Width (mm)	1870	1870	1870
	Height (mm)	2350	2350	2350
	Weight (kg)	4100	4100	4000
	Wheel size* quantity	215/75R16*4	215/75R16*4	7.5-16-14RP*4
	Noise level (sound level) db	82±3	82±3	82±3
Exhaust emission standards	Non-road country three			

**DIESEL MOBILE
SCREW AIR COMPRESSOR**

Model	OPM-264-23	OPM-264-25
Model style	Four wheels	Four wheels
Screw air compressor	Compression level	Two-stage
	Exhaust pressure	23bar(334psi)
	Volumetric flow	29m3/min(1015cfm)
	Maximum towing speed (km/h)	20
	Main engine lubricating oil (L)	120
	Air supply valve size / quantity	G1 1/2"*1 G1"*1
	Maximum recommended working altitude	2000
Diesel engines	Rated power (kw) / speed (r / min)	264/2000
	Brand name	Cummins
	Number of cylinders	6
	Air inlet method	Turbocharging & inter-air cooling
	Displacement (L)	8.9
	Engine lubricating oil quantity (L)	28
	Fuel tank capacity (L)	600
Machine parameters	Number of batteries	2
	Length (mm)	3800
	Width (mm)	2000
	Height (mm)	2250
	Weight (kg)	4800
	Wheel size* quantity	//
	Noise level (sound level) db	82±3
Exhaust emission standards	Non-road country three	

DIESEL STATIONARY SCREW AIR COMPRESSOR FOR DRILLING RIG



R



DIESEL STATIONARY SCREW AIR COMPRESSOR

Model	OPM-228-22(F)	OPM-375-25(F)	OPM-375-30(F)
Model style	Fixed type(No wheel)	Fixed type(No wheel)	Fixed type(No wheel)
Screw air compressor	Compression level	Two-stage	Two-stage
	Exhaust pressure	22bar(319psi)	25bar(363psi)
	Volumetric flow	24m3/min(840cfm)	35m3/min(1225cfm)
	Maximum towing speed (km/h)	//	//
	Main engine lubricating oil (L)	100	120
	Air supply valve size / quantity	G1*1 G2**1	G2**1 G1 1/2**1
	Maximum recommended working altitude	2000	2000
Diesel engines	Rated power (kw) / speed (r / min)	228/2200	375/1800
	Brand name	YUCHAI	YUCHAI
	Number of cylinders	6	6
	Air inlet method	Turbocharging & inter-air cooling	
	Displacement(L)	8.4	13
	Engine lubricating oil quantity (L)	24	32
	Fuel tank capacity (L)	430	700
Machine parameters	Number of batteries	2	2
	Length (mm)	3100	3580
	Width (mm)	1800	2060
	Height (mm)	1700	1820
	Weight (kg)	3500	6500
	Wheel size * quantity	//	//
	Noise level(sound level) db	80±3	80±3
Exhaust emission standards	Non-road country three		

DIESEL MOBILE SCREW AIR COMPRESSOR

Model	OPM-410-20(F)	OPM-410-25(F)	OPM-410-30(F)
Model style	Fixed type(No wheel)	Fixed type(No wheel)	Fixed type(No wheel)
Screw air compressor	Compression level	Two-stage	Two-stage
	Exhaust pressure	20bar(290psi)	25bar(363psi)
	Volumetric flow	40m3/min (1400cfm)	38m3/min (1330cfm)
	Maximum towing speed (km/h)	//	//
	Main engine lubricating oil (L)	120	120
	Air supply valve size / quantity	G2**1 G1**1 G1 1/2**1	G2**1 G1**1 G1 1/2**1
	Maximum recommended working altitude	2000	2000
Diesel engines	Rated power (kw) / speed (r / min)	410/1900	410/1900
	Brand name	CUMMINS	CUMMINS
	Number of cylinders	6	6
	Air inlet method	Turbocharging & inter-aircooling	
	Displacement(L)	13	13
	Engine lubricating oil quantity (L)	32	32
	Fuel tank capacity (L)	700	700
Machine parameters	Number of batteries	2	2
	Length (mm)	3580	3580
	Width (mm)	2060	2060
	Height (mm)	1820	1820
	Weight (kg)	6500	6500
	Wheel size * quantity	//	//
	Noise level(sound level) db	85±3	85±3
Exhaust emission standards	Non-road country three		

AIR DRYER



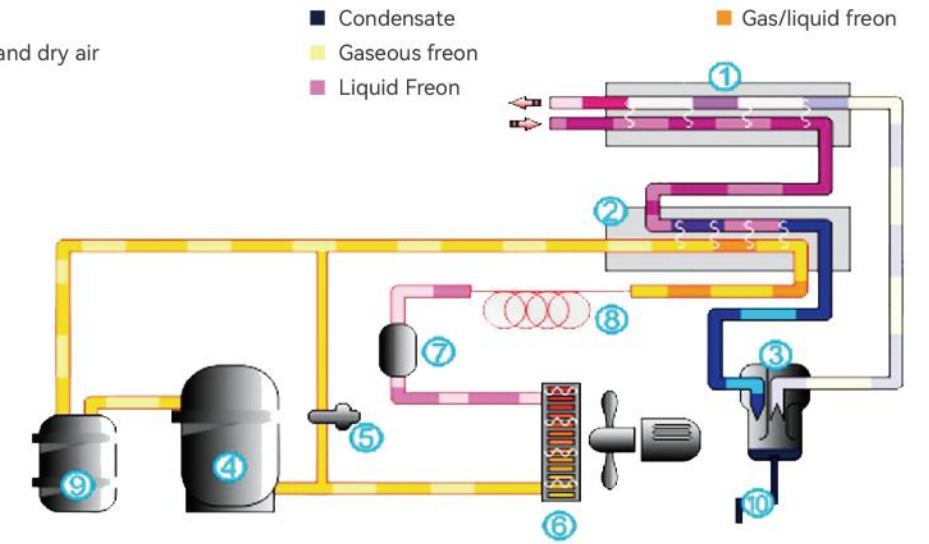
AIR DRYER
NORMAL TEMPERATURE TYPE

Model	OFD-1.5N	OFD-2.5N	OFD-3.5N	OFD-6.5N	OFD-8.5N	OFD-10.5N
Processing capacity (m ³ /min)	1.5	2.5	3.5	6.5	8.5	10.5
Working pressure (bar)	2-10 bar (12 bar,16bar, 20bar, 30bar can be customized)					
Dew point temperature(°C)	2-10°C					
Operating temperature	≤45°C					
Voltage	220V/50Hz/1P or 220V/60Hz/1P or other voltage					
Compressor power (kw)	0.5	0.7	0.9	1	1.6	2
Fan power (w)	80	95	120	240	300	380
Air outlet diameter (mm)	ZG1"	ZG1"	ZG1.5"	ZG1.5"	ZG2"	ZG2.5"
Dimensions	Length (mm)	665	750	800	923	1125
	Width (mm)	425	420	440	500	585
	Height (mm)	560	730	800	910	1080
Machine net weight (kg)	37	45	60	80	90	120

OFD-13.5N	OFD-15.5N	OFD-20N	OFD-25N	OFD-30N	OFD-40N	OFD-50N	OFD-60N	OFD-80N	OFD-100N
13.5	15.5	20	25	30	40	50	60	80	100
2-10 bar (12 bar,16bar, 20bar, 30bar can be customized)									
2-10°C									
≤45°C									
380V/50Hz/3P or 220V/440V/60Hz/3P or other voltage									
3	3.1	3.68	4.41	5.15	6.62	8.82	11.03	14.7	18.4
420	480	480	480	720	720	720	760	960	1440
ZG2.5"	ZG2.5"	DN80	DN80	DN100	DN100	DN125	DN125	DN150	DN150
1125	1120	1500	1700	1770	1950	1950	2200	2500	2700
625	700	750	750	850	900	1050	1325	1325	1600
1045	1230	1335	1395	1445	1560	1600	1685	1695	2100
150	190	220	270	360	490	560	680	760	970

- Enter the hot and humid air
- Enter the damp and cold air Exhaust cold and dry air
- Exhaust warm and dry air

- 1.Air exchanger
- 2.Evaporator
- 3.Gas-liquid separator
- 4.Compressor
- 5.Bypass valve
- 6.Condenser
- 7.Dry filter
- 8.Capillary
- 9.Freon gas-liquid service separator
- 10.Automatic drain valve



- The performance more stable
- The external rotor fan make the wind more stronger
- The condensation and pre-cooling efficiency are improved, running more stable
- Higher working efficiency
- The heat exchanger has a unique design and increased efficiency
- Longer life
- Adopts well-known brands core component, longer service life

AIR DRYER
HIGH TEMPERATURE TYPE

Model	OFD-1.5H	OFD-2.5H	OFD-3.5H	OFD-6.5H	OFD-8.5H	OFD-10.5H
Processing capacity (m ³ /min)	1.6	2.5	3.8	6.8	8.5	11.5
Working pressure (bar)	2-10 bar (12 bar, 16bar, 20bar, 30bar can be customized)					
Dew point temperature(°C)	2-10°C					
Operating temperature	≤80°C					
Voltage	220V/50Hz/1P or 220V/60Hz/1P or other voltage					
Compressor power (kw)	0.7	0.9	1	1.6	1.8	2
Fan power (w)	95	120	240	300	300	380
Air outlet diameter (mm)	ZG1"	ZG1.5"	ZG1.5"	ZG2"	ZG2"	ZG2.5"
Dimensions	Length (mm)	750	800	923	995	1125
	Width (mm)	420	440	500	585	625
	Height (mm)	730	800	910	1080	1045
Machine net weight (kg)	450	60	76	90	95	120

OFD-13.5H	OFD-15.5H	OFD-20H	OFD-25H	OFD-30H	OFD-40H	OFD-50H	OFD-60H	OFD-80H	OFD-100H
13.5	15.5	22	25	35	45	55	65	85	110
2-10 bar (12 bar,16bar, 20bar, 30bar can be customized)									
2-10°C									
≤80°C									
380V/50Hz/3P or 220V/440V/60Hz/3P or other voltage									
3	3.1	4.5	4.5	6.9	9.2	11	14	18	20
420	480	600	600	750	1080	2020	2020	1560	3330
ZG2.5"	DN65	DN80	DN80	DN100	DN100	DN125	DN125	DN150	DN150
1125	1120	1300	1300	1600	1800	1900	1900	2500	2800
625	700	750	750	820	8201	900	900	1000	1000
1045	1230	1230	1230	1520	1560	1570	1570	1900	2100
150	190	260	280	390	420	560	560	680	850

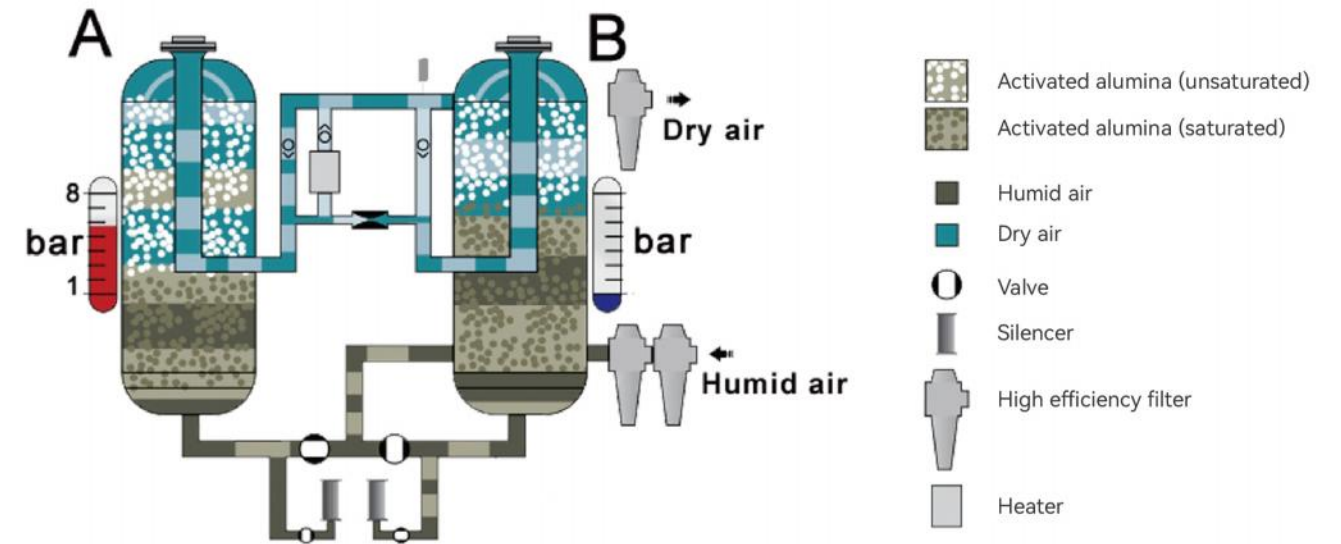


Model	OAD-1	OAD-2	OAD-3	OAD-6	OAD-8	OAD-10	OAD-13
Working pressure (bar)	2-13 (16bar, 20bar, 30bar can be customized)						
Operating temperature(°C)	45						
Processing capacity (m³/min)	1	2	3	6	8	10	13
Air outlet diameter	G1"	G1"	G1"	G1.5"	G2"	G2"	G2"
Length (mm)	690	750	860	1010	1010	1240	1280
Width (mm)	450	500	540	700	700	800	800
Height (mm)	1290	1324	1350	1558	1785	2232	2232
Weight (kg)	120	130	230	330	390	420	550

Model	OAD-15	OAD-20	OAD-25	OAD-30	OAD-40	OAD-50
Working pressure (bar)	2-13 (16bar, 20bar, 30bar can be customized)					
Operating temperature(°C)	45					
Processing capacity (m³/min)	15	20	20	30	40	50
Air outlet diameter	DN65	DN65	DN80	DN80	DN100	DN100
Length (mm)	1280	1320	1700	1750	1850	1900
Width (mm)	860	860	930	960	1060	1100
Height (mm)	2360	2477	2570	2626	2646	2750
Weight (kg)	650	970	750	1150	1300	1500

ADSORPTION DRYER

WORKING PRINCIPLE OF DRYING MACHINE



PRODUCT INTRODUCTION

The adsorption dryer adopts the process of double culture pressure swing adsorption and micro heat regeneration to heat the decompressed and expanded dry air to a certain regeneration temperature during regeneration operation, so that the regeneration gas can obtain a greater regeneration desorption capacity and reduce the use of regeneration gas.

Its working principle is that one adsorption tower performs adsorption and drying under working pressure, and correspondingly another adsorption tower extracts a small amount of compressed air from the main pipe and undergoes decompression and heating process, as the regeneration gas is aligned for micro-thermal regeneration. The residual water of the desiccant produced by micro-heat regeneration is greatly reduced, which increases the device's processing capacity.

FEATURES

- The gas consumption rate of the product is about 6% lower, and it has energy-saving characteristics
- Long-period switching mode, good overall performance of the whole machine
- The main key components adopt well-known brands at home and abroad to ensure continuous and reliable operation of the device; electric heating elements designed with power density are used to improve the performance of electric heaters
- The electric heater adopts temperature control protection to avoid burning of the heating element
- Molecular sieve or activated alumina + molecular sieve double bed Dew point switching mode
- High dew point alarm, interlock
- Heating temperature double setting interlock
- LCD display, computer host computer communication interface

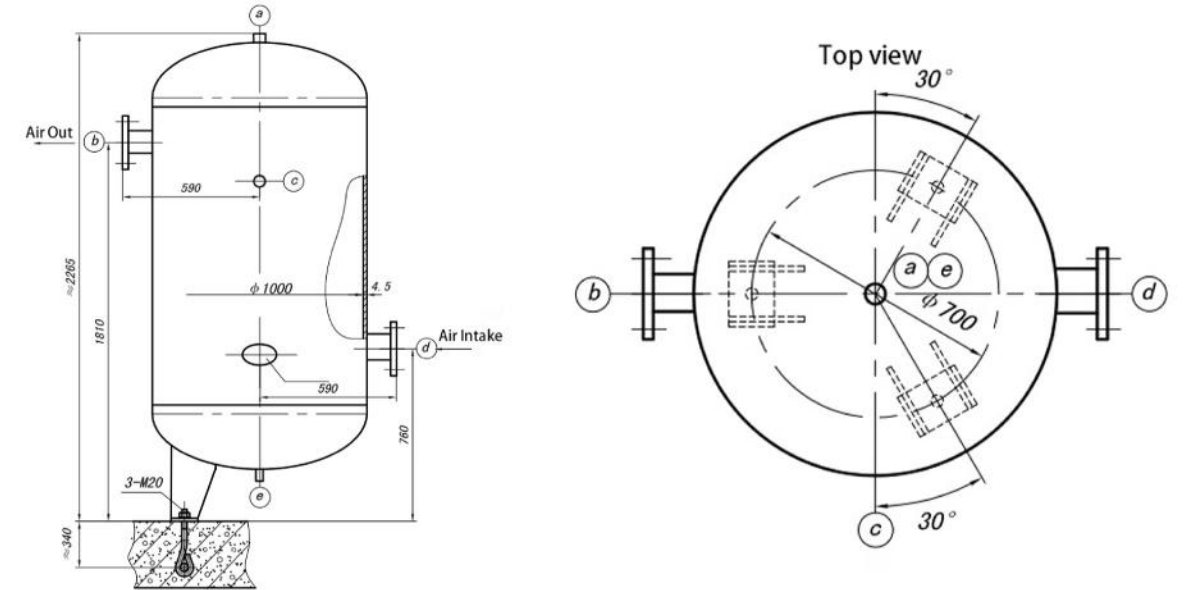
AIR TANK



Model	OAT-300/8	OAT-300/10	OAT-300/13	OAT-600/8	OAT-600/10	OAT-600/13
Capacity (L)	300L	300L	300L	600L	600L	600L
Working pressure(bar)	8	10	13	8	10	13
Height (mm)	1610	1610	1610	1905	1905	1905
Inner diameter (mm)	550	550	550	700	700	700
Weight (kg)	75	81	110	120	140	160

Model	OAT-1000/8	OAT-1000/10	OAT-1000/13	OAT-1000/20	OAT-1000/30	OAT-1000/40
Capacity (L)	1000L	1000L	1000L	1000L	1000L	1000L
Working pressure(bar)	8	10	13	20	30	40
Height (mm)	2180	2180	2180	2180	2180	2180
Inner diameter (mm)	800	800	800	800	800	800
Weight (kg)	165	212	230	230	230	230

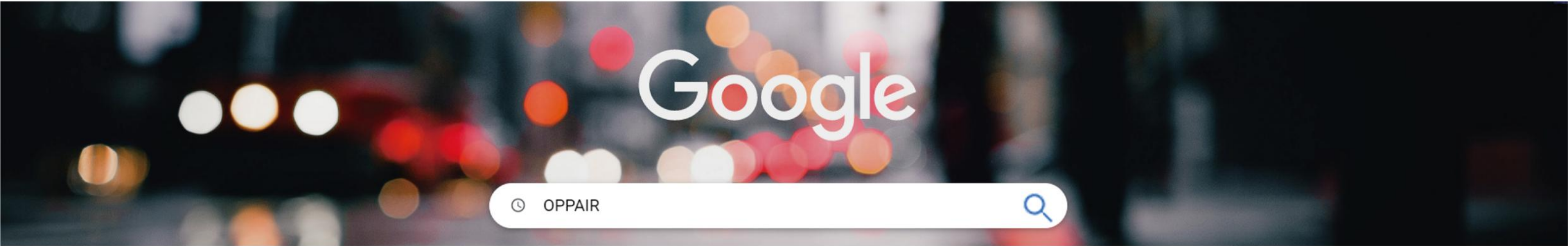
FEATURES



- 1.Voltage stabilization. Stabilize the outlet pressure of the air compressor to make the gas pressure more stable.
- 2.Dehumidification.Removes moisture and oil from the compressed air and plays a role off filtration
- 3.Energy saving. The air compressor is equipped with a set of moderately sized air storage tanks to reduce the number of starts and achieve energy-saving effects

Model	OAT-2000/8	OAT-2000/10	OAT-2000/13	OAT-2000/20	OAT-2000/25	OAT-2000/30
Capacity (L)	2000L	2000L	2000L	2000L	2000L	2000L
Working pressure(bar)	8	10	13	20	25	30
Height (mm)	2860	2860	2860	2860	2860	2860
Inner diameter (mm)	1000	1000	1000	1000	1000	1000
Weight (kg)	370	390	465	465	465	465

Model	OAT-3000/8	OAT-3000/10	OAT-3000/13	OAT-5000/8	OAT-5000/10	OAT-5000/13
Capacity (L)	3000L	3000L	3000L	5000L	5000L	5000L
Working pressure(bar)	8	10	13	8	10	13
Height (mm)	3020	3020	3020	3200	3200	3200
Inner diameter (mm)	1300	1300	1300	1600	1600	1600
Weight (kg)	510	703	850	890	1005	1021



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