



WINDTECH

- HIGH QUALITY SCREW AIREND
- DIRECT DRIVEN WITH COUPLING ELEMENT

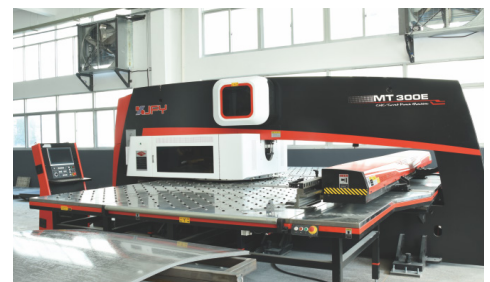


OIL-INJECTED SCREW AIR COMPRESSOR

ABOUT US

Windtech Compressor Co., Ltd. is located in Wenling City, Zhejiang Province, founded in 2017 has a registered capital of 50 million yuan and an area of more than 50000 square meters. We focus on the production of energy saving and high efficiency screw air compressors, committing to be a good example of manufacturing high quality compressor.

The company has 10 senior engineers, 15 R&D engineers, 12 design engineers and more than 500 experienced employee now, with design production capacity of 4000 units per month. We have numerical control current punch press, CNC bending machine, laser cutting machine, automatic spraying line, semi-automatic welding line, robot welding station, automatic assembly line, automatic material warehouse, testing machine and other advanced equipment to guarantee efficient production and excellent quality.



➔ Quality First

The design and production are strictly implemented ISO9001 standards, stable, reliable and long life, fully embody the most advanced manufacturing technology.

➔ Easy installation, Easy operation

The product is filled with lubricating oil before delivery, it can run immediately after installation. By the LCD screen, you can easily get machine's operating status.

➔ Space-saving, Safety and Eco-friendly

The product has compact structure, small size, small footprint, and low operating noise. It can be installed wherever it is needed, even placed in the production area.

➔ Factory test

We have the most advanced computer test system, each air compressor is tested under different operating conditions to ensure your air compressor can get the best performance under various conditions. Performance test, test content includes operating data and alarm protection system to ensure that every machine shipped from the factory is safe and reliable.

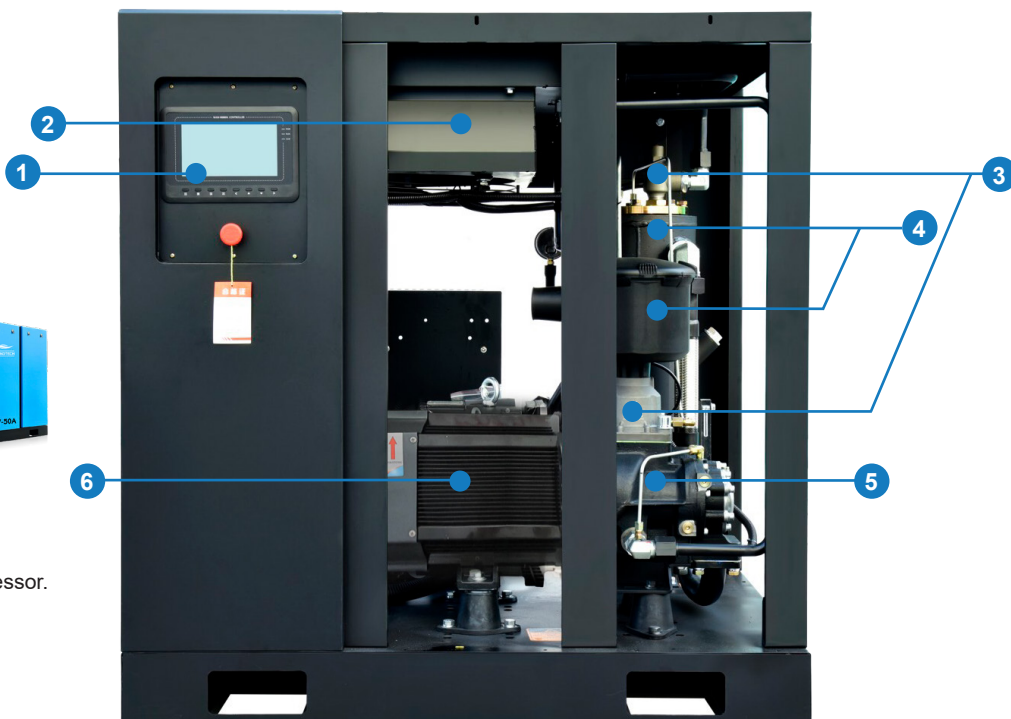
➔ Reduce costs, Save energy

The product uses EPC intelligent control system and automatic loading/unloading adjustment to ensure the air compressor can run according to the air requirement, stop automatically when not in use, eliminate waste, reduce energy consumption, and reduce the running cost of the machine.

NETWORK GROUP



Networking grouping is an important function of compressor control. Used in an air supply group of more than one set (maximum 16 sets) compressor. When a Host compressor start, automatic into the networking model, networking can avoid the requirement damaged from compressor start and stop frequency and reduce the impact of the power grid. Achieve the energy saving effect.



1 Superior electrical control system and maintenance instructions

With the microcomputer control system each unit have self-diagnosis and protection functions. Control panel can show the actual operation of the unit. If a failure occurs, the microcomputer control system will respond accordingly to different situations. Connect the compressors with a computer can achieve multiple chain control and remote control, make sure to work 24 hours a day.

2 Excellent cooling device

The cooler is specially designed for high temperature and high humidity areas, not only increases the heat exchange capacity by more than 10%, but also strengthens the material structure and resistance to acid and alkali treatment. As the moisture in the oil is removed, the screw operates

3 High safety control valve system

- High quality inlet control valve, Large caliber, small resistance, precision casting
- Reliable check valve, low fluid resistance, good sealing, quick closure
- High quality minimum pressure valve, low pressure loss, open and close safety and reliability temperature control valve prompt response, to avoid the condensed water

4 High precision filtration separation system

1 micron precision air filter, 10 micron precision oil filter, large capacity design standard to ensure the compressor Long-term efficient and safe operation. oil content <3 ppm, which provides you with a cleaner air source.

5 Maximizing energy saving 5-6 rotors profile

Screw air end uses the newest asymmetric line and 5:6 screw rotor. The upgrade of the seal technology from line type to band type increases the efficiency of air production 5 to 10 percent. The large diameter and low speed of the rotor keep the air end with low noise and long life.

6 High efficiency motor high efficiency, strong and durable

Suitable for the bad operating condition long service life, effectively reduce running power consumption F class insulation, IP55 protection level SKF bearing, low noise, long lifetime The external filling nozzle, reliable operation and easy maintenance

SPECIFICATION TABLE

W Series Oil-Injected Screw Air Compressor

Model/Parameter		w-7.5A	W-10A	W-15A	W-20A	W-25A	W-30A	W-40A	W-50A	W-60A	W-75A
Air delivery/ Discharge pressure (m3/ min)/Mpa		0.8/0.7	1.2/0.7	1.65/0.7	2.5/0.7	3.2/0.7	3.8/0.7	5.3/0.7	6.8/0.7	7.4/0.7	10/0.7
		0.78/0.8	1.1/0.8	1.5/0.8	2.3/0.8	3.0/0.8	3.6/0.8	5.0/0.8	6.2/0.8	7.0/0.8	9.6/0.8
		0.62/1.0	0.95/1.0	1.3/1.0	2.1/1.0	2.7/1.0	3.2/1.0	4.5/1.0	5.6/1.0	6.21/1.0	8.5/1.0
		0.5/1.2	0.8/1.2	1.1/1.2	1.72/1.2	2.4/1.2	2.7/1.2	4.0/1.2	5.0/1.2	5.6/1.2	7.6/1.2
Lubricating oil capacity (L)		10		18					30		65
Noise dB(A)		66+-2		68+-2							72+-2
Driving mode		Belt driven	Direct link								
Power Supply		380V/50Hz Customizable									
Power (kw/hp)		5.5/7	7.5/10	11/15	15/20	18.5/25	22/30	30/40	37/50	45/60	55/75
Startup mode		Y-Start									
Fan power(kw)		0.07	0.15	0.26	0.26	0.38	0.38	0.38	0.75	0.75	1.5
Fan air flow (m3/min)		24	39	75	75	107	107	107	107	182	182
Safety Protection		Over Current Protection, Safety Valve, Relief Valve, High Discharge Temperature & Pressure Protection, Phase Loss/Phase Reverse/Phase Sequence Monitoring									
Size	L mm	760	900	1080		1280			1400		1800
	W mm	600	700	750		850			1000		1230
	H mm	780	920	1000		1160			1290		1570
Weight(kg)		200	240	400		550		600	800		1660
Output pipe diameter		G 1/2		G3/4		G1			G1-1/2		G2

Model/Parameter		W-100A	W-125A	W-150A	W-175A	W-200A	W-250A	W-300A	W-350A	W-450A	W-500A
Air delivery/ Discharge pressure (m3/ min)Mpa		13.4/0.7	16.2/0.7	21/0.7	24.5/0.7	28.7/0.7	32/0.7	36/0.7	42/0.7	51/0.7	64/0.7
		12.6/0.8	15.0/0.8	19.8/0.8	23.2/0.8	27.6/0.8	30.4/0.8	34.3/0.8	40.5/0.8	50.2/0.8	61/0.8
		11.2/1.0	13.8/1.0	17.4/1.0	20.5/1.0	24.6/1.0	27.4/1.0	30.2/1.0	38.2/1.0	44.5/1.0	56.5/1.0
		10.0/1.2	12.3/1.2	14.8/1.2	17.4/1.2	21.5/1.2	24.8/1.2	27.7/1.2	34.5/1.2	39.5/1.2	49/1.2
Lubricating oil capacity (L)		65	72	90		110		125	150		
Noise dB(A)		72+-2			75+-2			82+-2			84+-2
Driving mode		Direct link									
Power Supply		380V/50Hz Customizable									
Power (kw/hp)		75/100	90/125	110/150	132/175	160/200	185/250	220/300	250/350	315/450	355/500
Startup mode		Y-Start									
Fan power(kw)		1.5	2.2	0.75*2	0.75*2	Customized					
Fan air flow (m3/min)		182	270	500	500	Customized					
Safety Protection		Over Current Protection, Safety Valve, Relief Valve, High Discharge Temperature & Pressure Protection, Phase Loss/Phase Reverse/Phase Sequence Monitoring									
Size	L mm	1800		2400			3150				
	W mm	1230		1470			1980				
	H mm	1570		1840			2150				
Weight(kg)		1800	1900	2500	2700	3000	3500	4000	4500	6000	6500
Output pipe diameter		G2		G2-1/2			DN80				DN100