



# S SERIES

Permanent Magnet VSD Screw Air Compressor  
Oil-cooled Professional Type

7.5 ~ 75kW 7bar / 8bar / 10bar



**OLYMTECH**  
PROFESSIONAL SCREW AIR COMPRESSOR MANUFACTURER



25<sup>+</sup> Years Experience    100<sup>+</sup> Exported Countries    60,000<sup>+</sup> Annual Output

**Buy Compressor, Choose Olymtech!**

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Olymtech Technology Development Co., Ltd.



# About Us

Olymtech Technology Development Co., Ltd is a leading air solution manufacturer based in Guangzhou, China.

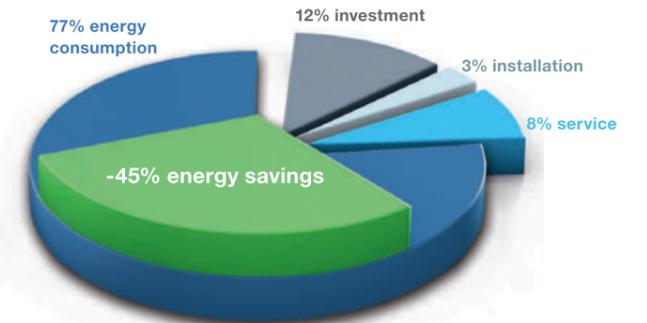
Backed by over 25 years of engineering and manufacturing expertise, we combine R&D, production, sales, and service under one roof, specializing in high-quality screw air compressors, air dryers, air tanks, oxygen and nitrogen generators, and spare parts.

Trusted by over 8,000 clients worldwide, we help industries and factories run efficiently with strong manufacturing capability, dependable quality and professional services.



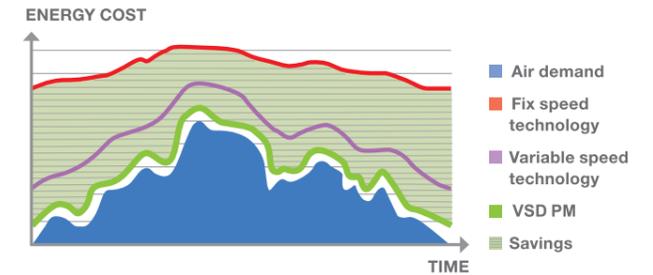
## WHY ENERGY EFFICIENCY?

Energy costs represent about **77%** of the total operating cost of your compressor. That is Why efficiently reducing the energy consumption of your compressed air installation should be a major focus.



### Why VSD (variable speed)?

As a majority of customers have a variable demand for compressed air, a variable speed compressor is superior VS a fixed speed compressor in terms of energy saving by perfectly matching air supply to air demand of avoiding unloading losses.



### Why PM (permanent magnet motor)?

Permanent magnet is a high efficiency motor combines our variable speed technology with our new and highly efficient drive train, resulting in energy savings of up to **40%**

- HIGH RELIABILITY
- ENERGY EFFICIENT
- COMPACT AND SILENT
- LOW COST OF OWNERSHIP
- EASY FOR MAINTENANCE





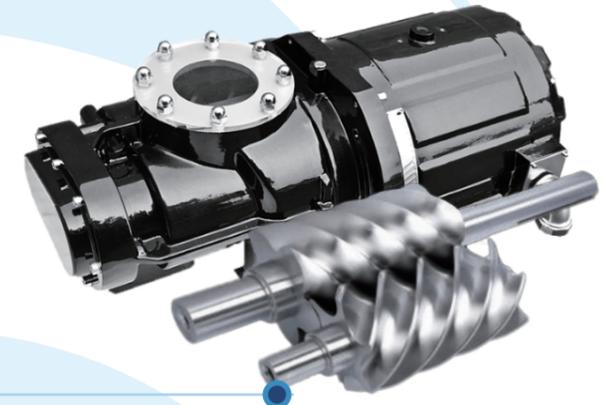
### Oil-cooled PM Motor

Oil-cooled PM VSD motor have proprietary meshing profile air-end, make it can be IE5+ & Class 1 energy efficiency.

### One-Shaft Direct Driven Premium Air-end

No belt, gear or coupling between motor and air-end  
Reduced transmission loss by 2-3%.

Proprietary 5:6 rotor profile, delivering performance that exceeds National Grade 1 energy efficiency.



### Reliable INOVANCE Inverter

20%-100% variable air supply.  
Maintains Class 1 energy efficiency even when operating at low loads to achieve energy savings.



### External Oil Separator/Filter

External separator and filter design is easy for self-maintenance.



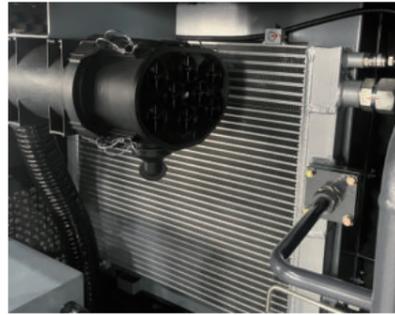
### Color Touch Screen

Intelligent controller can real time monitoring of equipment operation status and have different modes with higher efficiency.

### Flat-Shaped Nano Air Filter

Special flat shape to optimize inner structure.  
Clip-on design for quick installation and replacement.  
High-precision nano materials, removes 99.5% of particles  $\leq 5 \mu\text{m}$  from the intake air.





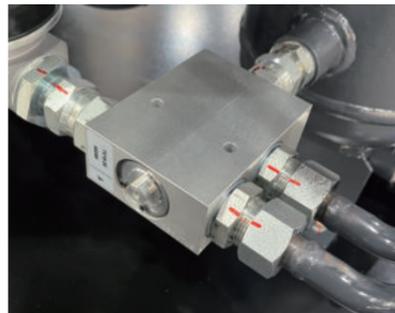
## Vertical Air-cooling System

Optimized airflow path for more efficient heat dissipation and stable performance.



## Independent Inverter Cooling Duct

For high-temperature environments, an independent heat exhaust duct has been additionally designed for the electrical box.



## Thermostatic Valve

Monitors oil temperature, routing oil through the cooler at high temperatures and bypassing it at low temperatures to prevent emulsification.

Model	Pressure		Motor Power		F.A.D	Connection	Net Weight	Dimension
	bar	psig	hp	kw	m <sup>3</sup> /min			
S7.5-8	8	116	10	7.5	1.10	G1/2"	170	945×600×1035
S7.5-10	10	145			1.00			
S11-8	8	116	15	11	1.60	G1"	300	1280×800×1385
S11-10	10	145			1.40			
S15-8	8	116	20	15	2.60	G1"	315	1280×800×1385
S15-10	10	145			2.20			
S22-8	8	116	30	22	3.60	G1"	340	1280×800×1385
S22-10	10	145			3.20			
S30-8	8	116	40	30	5.00	G1-1/2"	495	1440×900×1675
S30-10	10	145			4.40			
S37-8	8	116	50	37	6.50	G1-1/2"	510	1440×900×1675
S37-10	10	145			5.60			
S45-8	8	116	60	45	7.60	G1-1/2"	540	1280×980×1350
S45-10	10	145			6.90			
S55-8	8	116	75	55	10.20	G2"	930	1580×1160×1600
S55-10	10	145			9.00			
S75-8	8	116	100	75	13.60	G2"	950	1580×1160×1600
S75-10	10	145			11.90			

- According to the standard of GB19153-2009
- Standard power supply: 380v/50Hz/3Ph
- Please contact us for any specification that is not within the above mentioned standards.
- Compressor stage: one stage compression
- Exhaust temperature: ambient temperature +15°C

## SCREW AIR COMPRESSOR FLOW CHAT



## AFTER-SALES SERVICE



### Guide for installation

- Each compressor with an user manual
- On Line installation guide
- Local service team (please get more information from olymtech)

### Maintenance parts

- Original parts can prolong the compressor service lifetime
- Abundant spare parts in stock

### Quality ensure

- Profession design
- Good quality components
- Product meets the ISO CE standard