Our Product

FIXED /PM VSD SPEED
SCREW AIR COMPRESSOR

TWO-STAGE PM VSD
AIR COMPRESSOR SERIES

LOW-PRESSURE SCREW
AIR COMPRESSOR

OIL-FREE SCREW AIR COMPRESSOR

4-IN-1 AIR COMPRESSOR

SINGLE PHASE SCREW
AIR COMPRESSOR

DIESEL PORTABLE SCREW
AIR COMPRESSOR

CENTRIFUGAL TURBO COMPRESSOR

OIL FREE BOOSTER COMPRESSOR

DIAPHRAGM COMPRESSOR

AIR DRYER

AIR TANK

FIXED SPEED SCREW AIR COMPRESSOR

COOLER

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.

AIR-END

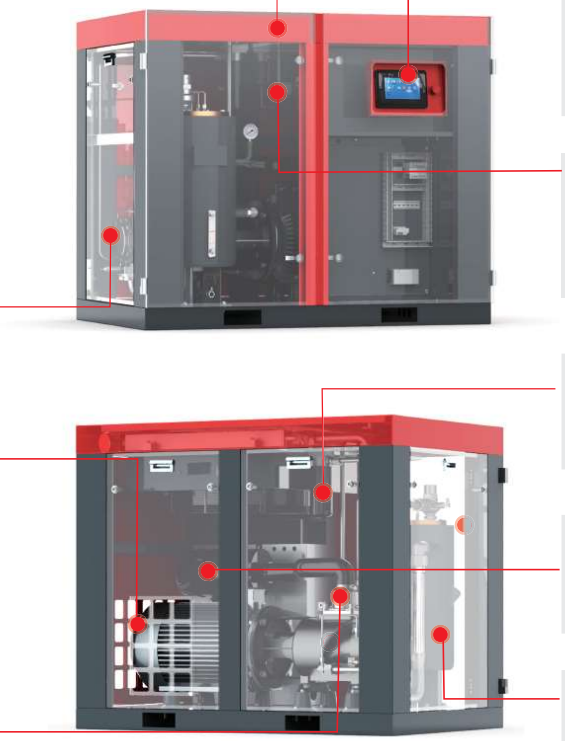
1. Adopts the international top-level third-generation asymmetric wire twin-screw air end, adheres to the exquisite manufacturing process, adopts the peak high efficiency low-pressure, high-efficiency tooth shape and the axial air inlet design.
2. Optimized flow channel design, with a large rotor, low 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 uses high-performance motors of well-known brands. Permanent magnet synchronous motors (PM motors) use high-performance NdFeB permanentmagnets which will not lose magnetism under 200 ° and its service life reaches as long as 15 years.
2. The stator coil uses the frequency converter special halo proof enameled wire, theinsulation is outstanding and the service life is longer.
3. The motor has the function of temperature protection. It also has awide range of motor speed regulation, high precision and wide rangeof 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.

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 theair 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.



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.

OIL FILTER

1. Adopts high-density filter material, the surface is treated with nano-electroplating.
2. The filter element has uniform pore size, small filter resistance, large flux, strong interception ability and long service life.
3. High filtration accuracy effectively filters impurities in lubricating oil, prolongs the service life of the equipment.

AIR FILTER

dopting a design with high dust holding capacity and low flow resistance, which can filter out tiny fixed particlesin the air. The dust removal effect can reach 99.5%, ensuring the normal operation of the components of the system and extending the service life.

AIR-OIL SEPARATOR CORE

The high-quality air-oil separation element and gas-liquid filter element are equipped with advanced three-stage air-oil separation to keep the oil content below 3ppm to ensure the output of high-quality compressed air.

PLATE HEAT EXCHANGE TYPE AIR DRYER

The refrigerated dryer is based on the principle of freezing and dehumidifying, forcing the compressed air containing a large amount of saturated water vapor to cool down, and keeping the pressure of the compressed air basically unchanged, lowering the temperature of the compressed air, so that a large amount of water vapor in the compressed air can be in a supersaturated state, and in the saturated state, water vapor condenses into liquid droplets, entrains dust, and separates moisture and dust through a vapor-water separation device and discharges it through an automatic drain, thereby achieving the purpose of freezing and dehumidification.

MAIN FEATURE

Good heat exchange performance, saving cooling power consumption
The pre-cooling and evaporation system adopts aluminum plate-fin heat exchanger design, the heat exchange performance is far greater than the conventional shell and tube heat exchanger, and the limit temperature difference between the air inlet and outlet can reach 2 X), reducing The required cooling capacity can better ensure the treatment effect and reduce the energy consumption of the refrigeration dryer.

Large heat exchange area, small air flow gap
The aluminum plate-fin heat exchanger is constructed by overlapping multiple corrugated fins and baffles. The fin spacing is very small and the number of layers is large, so the heat exchange area is large. The heat exchanger has a compact structure, but the fins airflow gap between is very small. Therefore, its application method is different from the shell and tube heat exchanger, and it is necessary to consider avoiding the risk of "ice blocking'.

Plate Heat Exchange Type Air Dryer Specification (F air coooling W water cooling)

SLT Series Refrigerated Dryer	Model	SLT-1.2	SLT-2.4	SLT-3.6	SLT-6.5	SLT-8.5	SLT-10.5	SLT-13
Maximum throughput	m^3/min	1.2	2.4	3.6	6.5	8.5	10.5	13
Power supply		220V50Hz						
Input power	KW	0.37	0.52	0.735	1.26	1.87	2.43	2.63
Air line connection		RC3/4"		RC1"	RC1-1/2"	RC2"		
Evaporator type		Aluminum Alloy Panel						
Cooling method		Air-cooled, tube-fin type						
Refrigerant type		R134a		R410a				
Intelligent Control and Protection								
UI		LED dew point temperature display, LED warning code display, running status indication						
Frost protection		Constant pressure expansion valve						
Temperature control		Condensing temperature/dew point temperature automatic control						
High voltage protection		Temperature Sensor		Temperature Sensor & Pressure Sensitive Intelligent Protection				
Low voltage protection		Temperature Sensor & Pressure Sensitive Intelligent Protection						
Total Weight	KG	34	42	50	63	73	85	94
Overall size	L*W*H	480*380*665	520*410*725	640*520*850	700*540*950	770*590*990	770*590*990	800*610*1030

AIR TANK

The Air tank occupies an important position in the work of the air compressor. The Air tank makes the gas supply more stable, reduces the frequent start of the air compressor, and thus achieves the effect of energy-saving. At the same time, let the compressed air precipitate in the Air tank is more conducive to water and pollution removal.

Air Tank Specification

Model		SLT0.3/0.8	SLT0.3/0.8	SLT0.3/1.3	SLT0.6/0.8	SLT0.6/1.0	SLT0.6/1.3	SLT1.0/0.8	SLT1.0/1.0	SLT1.0/1.3
Volume (m3)		0.3	0.3	0.3	0.6	0.6	0.6	1.0	1.0	1.0
Working pressure(MPa)		0.8	1.0	1.3	0.8	1.0	1.3	0.8	1.0	1.3
Extenal dimensions	Height (mm)	1760	1760	1602	2025	2025	2025	2170	2170	2170
	Inner diameter (mm)	500	500	550	650	650	650	800	800	800
	Thickness (mm)	3.0	3.5	5.0	3.5	4.0	5.0	4.0	4.5	5.0
Inlet connection	Size (mm)	DN25	DN25	DN25	DN40	DN40	DN40	DN40	DN40	DN40
	Height (mm)	636	636	636	672	672	672	720	720	720
Outlet connection	Size (mm)	DN25	DN25	DN25	DN40	DN40	DN40	DN40	DN40	DN40
	Height (mm)	1166	1166	1166	1442	1442	1442	1720	1720	1720
Weight (kg)		75	81	98.6	98.6	140	160	160	175	232

Model		SLT2.0/0.8	SLT2.0/1.0	SLT2.0/1.3	SLT3.0/0.8	SLT3.0/1.0	SLT3.0/1.3	SLT5.0/0.8	SLT5.0/1.0	SLT5.0/1.3
Volume (m3)		2.0	2.0	2.0	3.0	3.0	3.0	5.0	5.0	5.0
Working pressure(MPa)		0.8	1.0	1.3	0.8	1.0	1.3	0.8	1.0	1.3
Extenal dimensions	Height (mm)	2874	2874	2878	2950	2950	2950	3787	3787	3787
	Inner diameter (mm)	1000	1000	1000	1200	1200	1200	1400	1400	1400
	Thickness (mm)	4.0	4.5	6	5.0	6.0	8.0	5.0	6.0	8.0
Inlet connection	Size (mm)	DN50	DN50	DN50	DN80	DN80	DN80	DN100	DN100	DN100
	Height (mm)	849	849	849	760	760	760	936	936	936
Outlet connection	Size (mm)	DN50	DN50	DN50	DN80	DN80	DN80	DN100	DN100	DN100
	Height (mm)	1949	1949	1949	2080	2080	2080	2236	2236	2236
Weight (kg)		308	332	469	500	592	762	742	867	1120