ELANG®

SCREW
AIR COMPRESSOR

More Professional , More Reliable

Better Seruice +More

All we do , All for you !

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ELANG reserves the right to make any change in models, technical parameters, color, equipment configuration and accessories without prior notice.

All we do, All for you!

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COMPANY PROFILE

As one of the world's largest air compressor system suppliers, ELANG currently develops these products: rotary screw air compressor, 100% oil-free air compressor,medium/low pressure screw air compressor, combined screw air compressor, variable frequency screw air compressor,and PM/servo variable frequency compressor that can save energy max 30%, two stage air compressor.Steam Turbine Air Compressor,heat recovery screw air compressor Spare and matched after treatment equipment,spare parts,and etc.

German standard, Made in ELANG. As the industry's leading technology enterprise, ELANG has always being focused on the talent cultivation and quality pursuit. We have a good batch of talent team with solid foundation of air dynamics and always active in mechanical application and technology R&D, that make ELANG achieve unparalleled advantages in the technology R&D and product innovation and customized etc.

ELANG obtains rapid development based on innovation and scientific research and wins great attention of the industry. ELANG invests 10% of annual profit for product research and development, and we are the first one to create its own energy efficiency laboratory. Our compressors have obtained the national GC level energy efficiency certification, and we have achieved product airflow 15% higher than the same industry , and some products up to 30% energy saving.

At present, with Shanghai production base as the core, ELANG has established the production, sales and service networks , that radiating 34 provincial-level administrative districts and more than 100 countries. ELANG brand impact throughout the world. In 2016, ELANG total sales exceeded 100 million RMB.

Behind such a huge system, it is ELANG people constant persist. Choose ELANG, without worry for fifty years. ELANG give 10 years quality guaranty concept for its sold products, 24-hour after-sales service, full-way after-sales tracking and lifelong maintenance.

ELANG, produces the cleanest aerodynamic air!

Double Screw Air Compressor

Worldwide Agents and Clients

JOIN US, JOIN SUCCESS

Actual clients over 100 countries and regions.

AFTER SERVICE COMMIMENTS

Users' handling should be in strict accordance with ELANG USER MANUEL. Consumable parts and all other accessories and oil quality would be provided by ELANG; otherwise we can not achieve the promise of ensuring the quality of our products.

Contributes to

Chinese National Defense Equipment.

Quality Guarantee:

Quality is what ELANG always pursued, all the key parts are original imported.

Warranty:

- One year for the whole compressors except the consumable parts.
- If the problem of machine caused by the quality of machine, ELANG shall provide the spare parts without charges within the warranty period; if the problem caused by the buyer whenever, ELANG shall replace the parts at reasonable price which in its sole discretion.

Installation and Commissioning:

- Provide customers with installation and commissioning online instructions.
- Well-trained engineers available to overseas service.

After Services:

- 24 hours on-line service available. 48hours problem solved promise.
- Worldwide agents and after service available, including Thailand, Indonesia, Malaysia & Singapore, India, Pakistan, Spain, Czech Republic, Mexico, Costa Rica, Colombia, Algeria, etc.

Spare Parts:

ELANG always supply spare parts on most favorable terms.

COMPONENTS

Assembled with genuine air end and imported spare parts, ELANG compressors have more stable performance and generate greater air output, which is unrivaled in the same industry in China.

Superior Air Inlet and Filter System

Customized air filter with two stage dust removal and filtering system, up to 99.9% efficiency even in heave-duty environment.
Inlet air filter is designed to suck outside normal temperature air, to make the output temperature significantly decreasing by 3-10℃ and greatly extended the service life.
Germany MANN oil filter with excellent oil purification efficiency, to ensure the safety oil system, and enlarge the service life.

Energy Efficient Cooling Method

High quality of aluminum fins and copper coil materials with good thermal conductivity to ensure the perfect cooling efficiency.
The cooler is located separately from the internal chassis with higher temperature, so that the cooling fans would suck air with normal temperature from outside, to save over 30% energy and make the output air temperature decrease 3 ~8℃.

Optimum System Design

The technicians optimize the system to largely reduce errors during running, to make the air delivery more sufficient and make the energy consumption advanced in compressed industry.
Reduce pressure drops and save energy.
Three step air-oil separation (centrifuge, gravity, filter).
Quality air with low oil content less than 3ppm.

Intelligent Control

ABB electrical elements bring you the resulting sense of reliability and convenience during operation.
Reasonable, simple and clear wiring with clear diagram, easy for maintenance.

Genuine Air End

Advanced ELANG air end with larger air delivery and stable running conditions.
Germany Aerzen and GHH for choose

Good Sealing Performance

Good sealing performance has been an objective we pursue immutably. Unique process design and material application free you from the headaches of common faults in air compressors such as oil leakage, air leakage, etc.

Genuine Imported Bearing

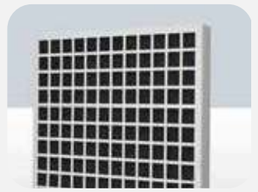
Excellent imported bearings are adopted for compressor air end to better improve their use efficiency, reduce abrasion and help to make the engagement more stable and smooth.

PLC

Touch screen with multiple languages for choose.
Full protect functions for motor and compressors.
Remote control with RS485 available.
Ingersoll-rand supplier CMC for choose, with advanced ECO card & IOT functions.

Solenoid Valve

Orignal Germany Burkert and Italy ODE ensure the stable running of compressors.



Dust Screen

Stop most of the dust, oil, moisture, etc, to increase service life of air end, air filter and oil filter.

High Efficiency Motor

High efficiency totally enclosed fan cooled motor with protection class IP54/IP55 and insulation class F.
Standard ELANG motor, the same motor supplier of Atlas Copco and Ingersoll-rand in China.
ABB/Siemens motor for choose.

Air Inlet Valve

High-quality air inlet valves with 0-100% stepless adjustment to the air quantity inlet, to reduce the energy consumption.
Integrated check valve to prevent backflow of air and oil in case of unexpected power failure.

Energy Saving 1:1 Direct Driven Design

Original maintenance-free coupling makes the motor drive air end without transmission loss.

DIRECT DRIVEN SCREW COMPRESSOR

Configuration Characteristics:

- A precisely-made central bracket is used to keep the motor aligned permanently with the air end.
- A highly resilient coupling is adopted to make the compressor operate smoothly, and the elastomer is longer in useful life.
- The discharge pipe is double-wall corrugated pipe, and the oilway uses a special high-pressure hose which is resistant to temperature up to 125℃
- For the extremely high temperature conditions in some districts, the large-area plate heat exchanger and high-efficiency water chiller are used.

SPECIFICATIONS

Motor Efficiency Class：IE5/IE4/IE3/IE2 as per your required
Type of Driving：Direct driven

Motor Protection Class: IP23/IP54/IP55 or as per your required
Type of Cooling：Air Cooling/Water Cooling

Model	Working Pressure		Air Delivery		Motor Power	Dimension(mm)			Weight(kg)	Output pipe Diameter
	psig	bar	cfm	m^3/min	kw/hp	L	W	H	Kg	
ERC-25SA ERC-25SW	100	7	109.5	3.1	18.5/25	1380	850	1150	640	11/4"
	116	8	102.4	2.9						
	145	10	95.4	2.7						
	181	13	81.2	2.3						
ERC-30SA ERC-30SW	100	7	134.2	3.8	22/30	1380	850	1150	640	11/4"
	116	8	127.1	3.6						
	145	10	113.0	3.2						
	181	13	88.3	2.5						
ERC-40SA ERC-40SW	100	7	187.1	5.3	30/40	1450	990	1220	990	11/4"
	116	8	176.6	5.0						
	145	10	151.8	4.3						
	181	13	127.1	3.6						
ERC-50SA ERC-50SW	100	7	223.0	6.6	37/50	1595	1000	1365	1060	11/2"
	116	8	218.9	6.2						
	145	10	201.3	5.7						
	181	13	162.4	4.6						
ERC-60SA ERC-60SW	100	7	282.7	8.0	45/60	1595	1000	1450	1150	11/2"
	116	8	271.9	7.7						
	145	10	243.6	6.9						
	181	13	211.9	6.0						
ERC-75SA ERC-75SW	100	7	370.8	10.5	55/75	2100	1250	1700	1750	2"
	116	8	346.0	9.8						
	145	10	307.2	8.7						
	181	13	257.8	7.3						

SPECIFICATIONS

Model	Working Pressure		Air Delivery		Motor Power	Dimension(mm)			Weight(kg)	Output Pipe Diameter
	psig	bar	cfm	m^3/min	kw/hp	L	W	H	Kg	
ERC-100SA ERC-100SW	100	7	480.2	13.6	75/100	2100	1250	1700	1840	2"
	116	8	459.0	13.0						
	145	10	399.0	11.3						
	181	13	356.6	10.1						
ERC-120SA ERC-120SW	100	7	572.0	16.2	90/120	2100	1250	1700	2030	2"
	116	8	543.8	15.4						
	145	10	466.1	13.2						
	181	13	395.5	11.2						
ERC-150SA ERC-150SW	100	7	734.4	20.8	110/150	2545	1450	1900	2920	DN65
	116	8	688.5	19.5						
	145	10	582.6	16.5						
	181	13	483.7	13.7						
ERC-175SA ERC-175SW	100	7	847.4	24.0	132/175	2545	1450	1900	3200	DN65
	116	8	812.1	23.0						
	145	10	706.2	20.0						
	181	13	547.3	15.5						
ERC-200SA ERC-200SW	100	7	981.6	27.8	160/200	2790	1550	2000	3600	DN65
	116	8	918.1	26.0						
	145	10	829.8	23.5						
	181	13	688.5	19.5						
ERC-250SA ERC-250SW	100	7	1147.6	32.5	185/250	2790	1550	2000	3780	DN80
	116	8	1094.6	31.0						
	145	10	918.1	26.0						
	181	13	762.7	21.6						
ERC-270SA ERC-270SW	100	7	1218.2	34.5	200/270	2850	1700	2000	4400	DN80
	116	8	1165.2	33.0						
	145	10	988.7	28.0						
	181	13	829.8	23.5						
ERC-300SA ERC-300SW	100	7	1341.8	38.0	220/300	3150	2000	2120	4930	DN100
	116	8	1288.8	36.5						
	145	10	1129.9	32.0						
	181	13	953.4	27.0						
ERC-330SA ERC-330SW	100	7	1518.3	43.0	250/330	3150	2000	2120	5450	DN100
	116	8	1430.1	40.5						
	145	10	1288.8	36.5						
	181	13	1129.9	32.0						
ERC-375SA ERC-375SW	100	7	1818.5	51.5	280/375	4000	2000	2120	6150	DN125
	116	8	1765.5	50						
	145	10	1589.0	45						
	181	13	1306.5	37						
ERC-420SA ERC-420SW	100	7	1977.4	56	315/420	4600	2300	2400	7500	DN125
	116	8	1942.1	55						
	145	10	1730.2	49						
	181	13	1447.7	41						
ERC-470SA ERC-470SW	100	7	2259.8	64	355/470	4600	2300	2400	8100	DN150
	116	8	2189.2	62						
	145	10	1906.7	54						
	181	13	1624.3	46						
ERC-550SA ERC-550SW	100	7	2577.6	73	400/550	5000	2350	2400	8400	DN150
	116	8	2471.7	70						
	145	10	2153.9	61						
	181	13	1836.1	52						
ERC-600SA ERC-600SW	100	7	2860.1	81	450/600	5500	2590	2800	9000	DN150
	116	8	2789.5	79						
	145	10	2471.7	70						
	181	13	2083.3	59						
ERC-670SA ERC-670SW	100	7	3142.6	89	500/670	5500	2590	2800	9500	DN200
	116	8	3072.0	87						
	145	10	2718.9	77						
	181	13	2365.8	67						
ERC-750SA ERC-750SW	100	7	3601.6	102	560/750	4500	2700	3000	10000	DN200
	116	8	3460.4	98						
	145	10	3072.0	87						
	181	13	2718.9	77						

Voltage: 110V~660V 50Hz/60Hz 3Ph available.

BELT DRIVEN SCREW COMPRESSOR

High Efficiency

High Reliability

Low Noise

01 Structure

All internal pipes are of seamless carbon steel material which can make the machine beautiful appearance and lengthen its service life greatly. Tidiness internal structure save space.

02 Motor

High efficiency motor is adopted, the same motor supplier with Atlas Copco, Ingersoll Rand China. With protection class IP54/IP55 and insulation class F. ABB & Siemens motor for choose.

03 Oil Filter

Germany MANN oil filter is applied to remove the impurities in lubricating oil, easy for replacement and no worries for oil leakage.

04 Belt Cover

Specially designed belt cover for protection purpose, to avoid people touching the running belt by accident. Easy to remove for maintenance.

05 Acoustic Enclosure

Fully-enclosed mute box design, with sound-absorbing sponge attached, to efficiently decrease noise 3-5dB(A).

SPECIFICATIONS

Motor Efficiency Class：IE5/IE4/IE3/IE2 as per your required
Type of Driving：Belt driven

Motor Protection Class: IP23/IP54/IP55 or as per your required
Type of Cooling：Air Cooling/Water Cooling

Model	Working Pressure		Air Delivery		Motor Power	Dimension(mm)			Weight(kg)	Output Pipe Diameter
	psig	bar	cfm	m^3/min	kw/hp	L	W	H	Kg	
ERC-10SA	100	7	38.8	1.1	7.5/10	850	640	880	350	3/4"
	116	8	35.3	1.0						
	145	10	30.0	0.85						
	181	12.5	24.7	0.7						
ERC-15SA	100	7	63.6	1.8	11/15	1150	750	1180	450	1"
	116	8	58.3	1.65						
	145	10	53.0	1.5						
	181	12.5	45.9	1.3						
ERC-20SA	100	7	84.7	2.4	15/20	1150	750	1180	460	1"
	116	8	77.7	2.2						
	145	10	74.2	2.1						
	181	12.5	63.6	1.8						
ERC-25SA ERC-25SW	100	7	109.5	3.1	18.5/25	1200	880	1450	620	1"
	116	8	102.4	2.9						
	145	10	95.4	2.7						
	181	12.5	81.2	2.3						
ERC-30SA/ ERC-30SW	100	7	134.2	3.8	22/30	1200	880	1450	640	1"
	116	8	127.1	3.6						
	145	10	113.0	3.2						
	181	12.5	88.3	2.5						
ERC-40SA/ ERC-40SW	100	7	187.1	5.3	30/40	1250	1000	1360	900	11/4"
	116	8	176.6	5.0						
	145	10	151.8	4.3						
	181	12.5	127.1	3.6						
ERC-50SA/ ERC-50SW	100	7	223.0	6.6	37/50	1350	1000	1640	1060	11/4"
	116	8	218.9	6.2						
	145	10	201.3	5.7						
	181	12.5	162.4	4.6						
ERC-60SA/ ERC-60SW	100	7	282.7	8.0	45/60	1300	1000	1470	1150	11/2"
	116	8	271.9	7.7						
	145	10	243.6	6.9						
	181	12.5	211.9	6.0						
ERC-75SA/ ERC-75SW	100	7	370.8	10.5	55/75	1950	1320	1570	1750	2"
	116	8	346.0	9.8						
	145	10	307.2	8.7						
	181	12.5	257.8	7.3						
ERC-100SA/ ERC-100SW	100	7	480.2	13.6	75/100	1950	1320	1570	1840	2"
	116	8	459.0	13.0						
	145	10	399.0	11.3						
	181	12.5	356.6	10.1						
ERC-120SA/ ERC-120SW	100	7	572.0	16.2	90/120	2100	1320	1700	2030	2"
	116	8	543.8	15.4						
	145	10	466.1	13.2						
	181	12.5	395.5	11.2						

Certification: CE/ISO9001/TUV/UL/SGS/ASME
Voltage: 110V~660V 50Hz/60Hz 3Ph available.

COMBINED SCREW COMPRESSOR

Combined Screw Air Compressor Series

The combined screw air compressor integrates the parts including screw compressor, air dryer, fine filter and air tank, making it convenient for the user to install, use and move.
After the air pass the integrated system, the quality of air is made largely better to satisfy process requirements of various companies.
It have beautiful appearance, stable performance and economic installation. It is one of the important series exported by our company.

Large Integrated Screw Air Compressor

Large integrated Screw Air Compressor is a kind of compressor integrated with compressor, air tank, refrigerated air dryer (adsorption air dryer) and pecision filters, that greatly make convenience for customers to do installation and can be freely moved to anywhere with flexible operation. After placed on level ground, it can put into use after use conecting through power supply and gas pipelines, which save many processes that have to install and connect amounts of pipelines and valves. With reliable performace and easy management, its economic is far better than that of separated unit series. Now many medium and middle mining industries prefer this integrated series.

SPECIFICATIONS

Motor Efficiency Class：IE5/IE4/IE3/IE2 as per your required
Type of Driving：Belt driven
Motor Protection Class: IP23/IP54/IP55 or as per your required
Type of Cooling：Air Cooling/Water Cooling

■ Combined Screw Air Compressor (Compressor+Tank+Dryer+Filters)

Model	Compressor						Tank	Air dryer		Filter	Dimension(mm)			Weight
	Working Pressure		Air Delivery		Motor Power	Output Pipe Diameter	Volume of Receiver	Model of Dryer	Treatment Capacity	model of Precision Filter				
	psi(g)	bar(g)	cfm	m³/min	kw/hp		m³		m³/min		L	W	H	Kg
ERC-10SA	100	7	38.8	1.1	7.5/10	3/4"	0.3	ELH-10A	1.2	END012	1650	730	1530	680
	116	8	35.3	1.0										
	145	10	30.0	0.85										
	181	12.5	24.7	0.7										
ERC-15SA	100	7	63.6	1.8	11/15	1"	0.5	ELH-15A	2.4	END024	1955	800	1800	785
	116	8	58.3	1.65										
	145	10	53.0	1.5										
	181	12.5	45.9	1.3										
ERC-20SA	100	7	84.7	2.4	15/20	1"	0.5	ELH-20A	2.6	END024	1955	800	1800	810
	116	8	77.7	2.2										
	145	10	74.2	2.1										
	181	12.5	63.6	1.8										
ERC-25SA ERC-25SW	100	7	109.5	3.1	18.5/25	1"	0.5	ELH-30A	3.8	END035	1900	1070	2012	910
	116	8	102.4	2.9										
	145	10	95.4	2.7										
	181	12.5	81.2	2.3										
ERC-30SA/ ERC-30SW	100	7	134.2	3.8	22/30	11/2"	0.5	ELH-30A	3.8	END035	1960	1070	2012	930
	116	8	127.1	3.6										
	145	10	113	3.2										
	181	12.5	88.3	2.5										

■ Combined Screw Air Compressor (Compressor+Tank)

Model	Compressor						Tank	Dimension(mm)			Weight
	Working Pressure		Air Delivery		Motor Power	Output pipe Diameter	Volume of Receiver				
	psig	bar	cfm	m³/min	kw/hp		m³	L	W	H	Kg
ERC-10SA	100	7	38.8	1.1	7.5/10	3/4"	0.3	1650	730	1530	680
	116	8	35.3	1.0							
	145	10	30.0	0.85							
	181	12.5	24.7	0.7							
ERC-15SA	100	7	63.6	1.8	11/15	1"	0.3	1955	800	1800	785
	116	8	58.3	1.65							
	145	10	53.0	1.5							
	181	12.5	45.9	1.3							
ERC-20SA	100	7	84.7	2.4	15/20	1"	0.3	1955	800	1800	810
	116	8	77.7	2.2							
	145	10	74.2	2.1							
	181	12.5	63.6	1.8							
ERC-25SA ERC-25SW	100	7	109.5	3.1	18.5/25	1"	0.5	1900	1070	2012	910
	116	8	102.4	2.9							
	145	10	95.4	2.7							
	181	12.5	81.2	2.3							
ERC-30SA ERC-30SW	100	7	134.2	3.8	22/30	11/2"	0.5	1960	1070	2012	930
	116	8	127.1	3.6							
	145	10	113	3.2							
	181	12.5	88.3	2.5							

Certification: CE/ISO9001/TUV/UL/SGS/ASME
Voltage: 110V~660V 50Hz/60Hz 3Ph available.

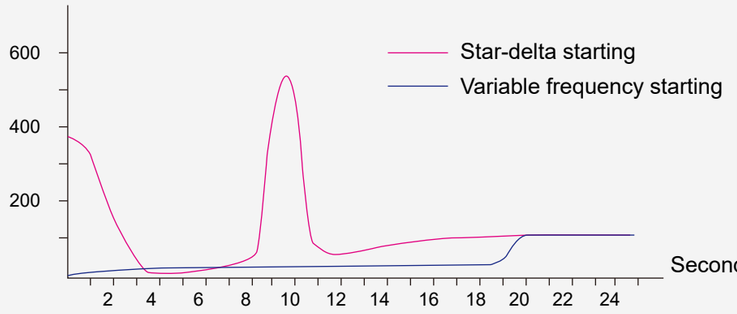
VARIABLE FREQUENCY SCREW AIR COMPRESSOR

INTRODUCTION

Every model has a corresponding frequency conversion compressor, which controls the air delivery by changing the rotational speed of motor, making the electricity consumption smoothly vary with air delivery, if air delivery decreases, electricity consumption decreases to achieve energy saving.

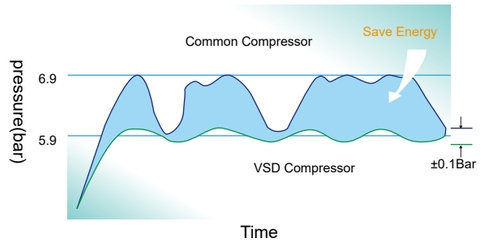
Except the same high quality as other type ERC compressor, the variable frequency compressor has high quality frequency converter to improve energy saving efficiency. With the help of PID regulator inside the frequency converter, VSD compressor can start smoothly with less impact to power grid and less running current. When the air consumption is too small, the compressor will enter sleeping status to save considerable energy. Moreover, digital to analog conversion is highly accurate and the integration design features few fault points.

MORE RELIABLE AND ENERGY CONSERVING



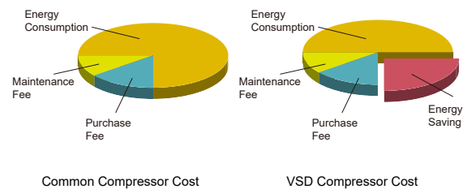
More Reliable Operation

Variable frequency starting reduces not only the impact to power grid, but also the loss of electrical switch and motor windings when starts the compressor. It protects the motor and reduces the demands of compressor on peek current.



Setting Required Pressure Under Permission of Rated Power, and Keep Constant Pressure

User can set the constant pressure according to requirement, when air consumption increase, compressor unit will increase the air delivery by increasing rotational speed automatically, to ensure the constant pressure and air delivery requirement. When air consumption decreases, compressor unit will decrease the air delivery by decreasing rotational speed automatically, to avoids pressure drop and ensure the constant pressure.



High Efficiency and Energy Saving

Thanks to the variable frequency control technology, the air delivery of compressor can be perfectly combined with the air consumption of users to avoid the unloading power loss. In the condition of intermittent air consumption, it will avoid the peak of current and torque by variable frequency starting, to achieve smoothly starting, less impact on power grid, less power supply and save energy.

SPECIFICATIONS

Motor Efficiency Class: IE5/IE4/IE3/IE2 as per your required

Motor Protection Class: IP23/IP54/IP55 or as per your required

Type of Driving: Direct driven

Type of Cooling: Air Cooling/Water Cooling

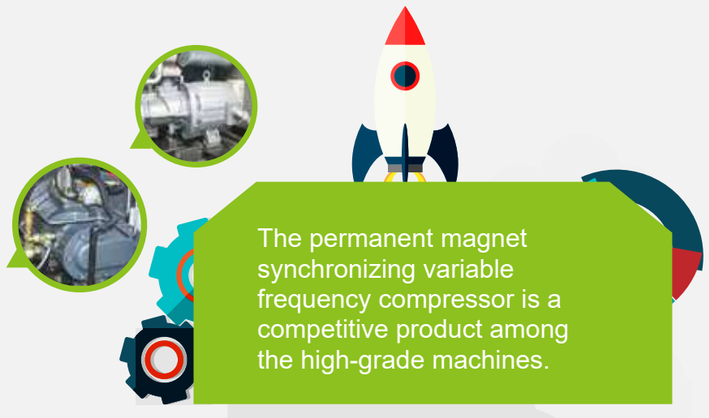
Model	Working Pressure		Air Delivery		Motor Power	Dimension(mm)			Weight(kg)	Output Pipe Diameter
	psi(g)	bar(g)	cfm	m^3/min	kw/hp	L	W	H	Kg	
ERC-25SA ERC-25SW	100	7	43.8-109.5	1.24-3.1	18.5/25	1200	850	1280	645	1"
	116	8	41.0-102.4	1.16-2.9						
	145	10	38.1-95.4	1.08-2.7						
	181	13	31.1-81.2	0.882.3						
ERC-30SA ERC-30SW	100	7	53.7-134.2	1.52-3.8	22/30	1200	850	1280	665	1"
	116	8	49.4-127.1	1.4-3.6						
	145	10	45.2-113.0	1.28-3.2						
	181	13	38.1-88.3	1.08-2.5						
ERC-40SA ERC-40SW	100	7	73.4-187.1	2.08-5.3	30/40	1250	900	1360	925	11/4"
	116	8	70.6-176.6	2.0-5.0						
	145	10	60.7-151.8	1.72-4.3						
	181	13	52.3-127.1	1.48-3.6						
ERC-50SA ERC-50SW	100	7	90.4-223.0	2.56-6.6	37/50	1450	1000	1465	1110	11/4"
	116	8	84.7-218.9	2.4-6.2						
	145	10	77.7-201.3	2.2-5.7						
	181	13	65.0-162.4	1.84-4.6						
ERC-60SA ERC-60SW	100	7	113.0-282.7	3.2-8.0	45/60	1500	1000	1480	1210	11/2"
	116	8	108.8-271.9	3.08-7.7						
	145	10	91.8-243.6	2.6-6.9						
	181	13	76.3-211.9	2.16-6.0						

SPECIFICATIONS

Model	Working Pressure		Air Delivery		Motor Power	Dimension(mm)			Weight(kg)	Output Pipe Diameter
	psi(g)	bar(g)	cfm	m^3/min	kw/hp	L	W	H	Kg	
ERC-75SA ERC-75SW	100	7	148.3-370.8	4.2-10.5	55/75	2100	1320	1700	1810	2"
	116	8	138.4-346.0	3.92-9.8						
	145	10	120.1-307.2	3.4-8.7						
	181	13	100.3-257.8	2.84-7.3						
ERC-100SA ERC-100SW	100	7	190.7-480.2	5.4-13.6	75/100	2100	1320	1700	1900	2"
	116	8	182.2-459.0	5.16-13.0						
	145	10	155.4-399.0	4.4-11.3						
	181	13	130.6-356.6	3.7-10.1						
ERC-120SA ERC-120SW	100	7	226.0-572.0	6.4-16.2	90/120	2100	1320	1700	2190	2"
	116	8	217.5-543.8	6.16-15.4						
	145	10	197.7-466.1	5.6-13.2						
	181	13	162.4-395.5	4.6-11.2						
ERC-150SA ERC-150SW	100	7	293.8-734.4	8.32-20.8	110/150	2545	1450	1900	3030	DN65
	116	8	275.4-688.5	7.8-19.5						
	145	10	222.5-582.6	6.3-16.5						
	181	13	183.6-483.7	5.2-13.7						
ERC-175SA ERC-175SW	100	7	339.0-847.4	9.6-24.0	132/175	2500	1550	1900	3320	DN65
	116	8	324.9-812.1	9.2-23.0						
	145	10	261.3-706.2	7.4-20.0						
	181	13	204.8-547.3	5.8-15.5						
ERC-200SA ERC-200SW	100	7	391.2-981.6	11.08-27.8	160/200	2790	1550	2000	3720	DN65
	116	8	360.2-918.1	10.2-26.0						
	145	10	317.8-829.8	9.0-23.5						
	181	13	258.5-688.5	7.32-19.5						
ERC-250SA ERC-250SW	100	7	459.0-1147.6	13.0-32.5	185/250	2790	1550	2000	3930	DN80
	116	8	437.8-1094.6	12.4-31.0						
	145	10	346.0-918.1	9.8-26.0						
	181	13	282.5-762.7	8.0-21.6						
ERC-270SA ERC-270SW	100	7	480.2-1218.2	13.6-34.5	200/270	2850	1700	2000	4550	DN80
	116	8	452.0-1165.2	12.8-33.0						
	145	10	395.5-988.7	11.2-28.0						
	181	13	331.9-829.8	9.4-23.5						
ERC-300SA ERC-300SW	100	7	522.6-1341.8	14.8-38.0	220/300	3150	2000	2120	5080	DN100
	116	8	494.3-1288.8	14.0-36.5						
	145	10	423.7-1129.9	12.0-32.0						
	181	13	367.2-953.4	10.4-27.0						
ERC-330SA ERC-330SW	100	7	607.3-1518.3	17.2-43.0	250/330	3150	2000	2120	5700	DN100
	116	8	572.0-1430.1	16.2-40.5						
	145	10	480.2-1288.8	13.6-36.5						
	181	13	423.7-1129.9	12.0-32.0						

Certification: CE/ISO9001/TUV/UL/SGS/ASME
Voltage: 110V~660V 50Hz/60Hz 3Ph available.

PERMANENT MAGNET VARIABLE FREQUENCY SCREW COMPRESSOR



Significant Energy Saving Effect

Permanent magnet synchronous variable frequency compressor (PM VSD compressor) is always running in loading status, no unload phenomenon, so there is no power waste. The permanent magnet synchronous motor (PM motor) is at least 2% higher efficiency than normal motor, it will produce more torque with less energy consumption to achieve remarkable energy saving efficiency and remain the energy consumption at the most economic level.

Introduction of PM VSD Compressor

PM VSD compressor is the latest VSD compressor with excellent quality, high efficiency and energy saving. It is an advanced technique owned by only a few advanced countries and zones in the world. It is a high-end tendency for the future compressor development. The design concept and technical measure have broken through the traditional technical concept. It integrates the most sophisticated and energy saving technical factors.

PM VSD compressor is equipped with high efficiency permanent magnet synchronous motor (PM motor). Compared to normal motor, PM motor has smaller dimension and more excellent energy saving efficiency. It will exert incomparable energy saving effect than normal inductive motor when installed with specialized frequency converter. The PM motor adopts high performance neodymium ferro boron magnets which will not be demagnetized under 120
℃, and the service life can be up to 15 years. Its stator winding adopts corona-resistant enamelled wire, which is specialized for frequency converter and has excellent insulation performance. Its rotor has high permeability and small diameter, enabling it to be installed in the extending shaft of male rotor directly to avoid bearings, so as to eliminate the failures of motor bearings and improve driven efficiency.

Long Service Life of Air End

Excellent air end for PM VSD compressor to ensure smaller specific power, more stable running, lower noise and longer service life.

Strong Support of Frequency Converter to PM Compressor

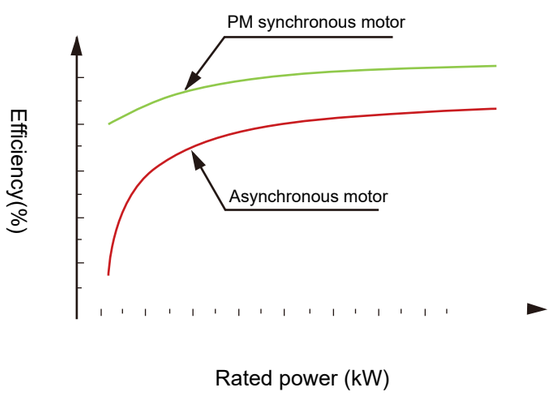
PM VSD compressor is equipped with specialized frequency converter, to achieve wider frequency range. With the rapid development of techniques, the variable frequency compressor has become a high-grade machine in the energy saving area. It can realize maximum energy saving effect with permanent magnet synchronizing motor.

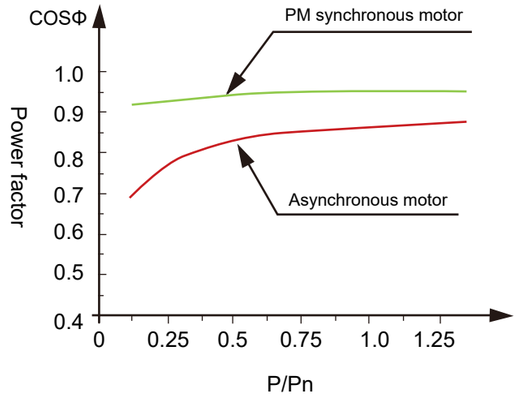
SERVO VARIABLE FREQUENCY SCREW COMPRESSOR

Up to **30%** Energy Saving

PM and servo motor has 2~ to 7% higher working efficiency than three-phase asynchronous motor. No matter in underloading or overloading conditions, PM and servo compressors keep high working efficiency while three-phase asynchronous motor will have fluctuant efficiency according to the loading conditions. Therefore, compressors with PM and servo motor will save 8% to 30% energy than those with three-phase asynchronous motor.

Specialized PM and servo motor has power factor large than 0.95, even close to 1 in some models. Moreover, PM and servo compressors are installed with frequency converter to realize variable frequency starting and decrease the impact to compressor unit and power grid during starting, so as to save operation costs.





SPECIFICATIONS (FOR PM & SERVO COMPRESSOR)

Motor Efficiency Class：IE5/IE4/IE3/IE2 as per your required
Type of Driving：Direct driven
Motor Protection Class: IP23/IP54/IP55 or as per your required
Type of Cooling：Air Cooling/Water Cooling

Model	Working Pressure		Air Delivery		Motor Power	Dimension(mm)			Weight(kg)	Output Pipe Diameter
	psi(g)	bar(g)	cfm	m^3/min	kw/hp	L	W	H	Kg	
ERC-25SA ERC-25SW	116	8	0-102.4	0-2.9	18.5/25	1200	850	1280	665	1"
	145	10	0-95.3	0-2.7						
ERC-30SA ERC-30SW	116	8	0-127.1	0-3.6	22/30	1200	850	1280	665	1"
	145	10	0-113.0	0-3.2						
ERC-40SA ERC-40SW	116	8	0-176.6	0-5.0	30/40	1450	1000	1465	1100	11/4"
	145	10	0-151.8	0-4.3						
ERC-50SA ERC-50SW	116	8	0-218.9	0-6.2	37/50	1450	1000	1465	1100	11/4"
	145	10	0-201.3	0-5.7						
ERC-60SA ERC-60SW	116	8	0-271.9	0-7.7	45/60	1450	1000	1465	1750	2"
	145	10	0-243.6	0-6.7						
ERC-75SA ERC-75SW	116	8	0-346.0	0-9.8	55/75	2100	1250	1700	1750	2"
	145	10	0-307.2	0-8.7						
ERC-100SA ERC-100SW	116	8	0-459.0	0-13.0	75/100	2100	1250	1700	1840	2"
	145	10	0-399.0	0-11.3						
ERC-120SA ERC-120SW	116	8	0-543.8	0-15.4	90/120	2170	1320	1750	2030	2"
	145	10	0-466.1	0-13.2						
ERC-150SA ERC-150SW	116	8	0-688.5	0-19.5	110/150	2545	1500	1900	3100	DN65
	145	10	0-582.6	0-16.5						
ERC-175SA ERC-175SW	116	8	0-812.1	0-23.0	132/175	2545	1500	1900	3400	DN65
	145	10	0-706.2	0-20.0						
ERC-200SA ERC-200SW	116	8	0-918.1	0-26.0	160/200	2545	1500	1900	3400	DN65
	145	10	0-829.8	0-23.5						

Certification: CE/ISO9001/TUV/UL/SGS/ASME
Voltage: 110V~660V 50Hz/60Hz 3Ph available.

DIESEL PORTABLE SCREW AIR COMPRESSOR

CUMMINS Diesel Engine

The CUMMINS engine adopts unique PT fuel system, equipped with electronic speed governor to control idle speed and full speed, which is more convenient to control. It is also with forced cooling articulated piston which can withstand high mechanical load and thermal load, its enhancement type of cylinder design has obvious noise reduction and shock absorption function.

Air Heater

The air is filtered by air filter, then preheated by heater to make sure the engine can start quickly even under condition of low temperature.

360°Guide Wheel

Preposed 360°lifting guide wheel makes the air compressor greater flexibility, and more quick and convenient during the move.

Oil Filter

Germany MANN oil filter for better filter efficiency.

Original Imported Bearings

Air end adopts excellent performance SKF bearings, which better improves the service efficiency of air end, reduces the abrasion, and is beneficial to increase the stationarity of meshing.

High Efficiency Protective Cover

Unique design concept, overall beautiful, solid structure, friction resistance and corrosion resistance.

Centralized Draining

Makes the compressor easy maintenance and more environmental friendly.

SPECIFICATIONS

Model	Compressor							Engine				Unit	
	Working Pressure		Air Delivery		Fuel Tank Capacity	Compression Stage	Connection Diameter	Engine Model	Manufacture	Engine Power	Rotation Speed	Dimension (mm)	Weight
	psig	bar	cfm	m^3/min	L		in			kw	rpm	L * W * H	Kg
EL135	100	7	127	3.6	48	1	2*G3/4	YSD490	ELANG	33	2400	2910*1526*1430	950
EL185	100	7	185	5.2	85	1	G3/4,G 1 1/4	Y1400G	ELANG	42	2200	3315*1607*1583	1200
EL265	100	7	250	7	85	1	G3/4,G 1 1/4	Y4102ZG	ELANG	55	2200	3315*1607*1583	1350
EL300	203	14	300	8.5	120	1	G1, G1 1/2	6BTA5.9	CUMMINS	97	2000	3900*1980*1950	2000
EL400	188	13	390	11	210	1	G1, G1 1/2	6BTA5.9	CUMMINS	110	2200	4200*1520*2268	2300
EL460	188	13	460	13	300	1	G1, G1 1/2	6BTA5.9	CUMMINS	132	2200	4300*1300*1950	2500
EL550	188	13	530	15	320	1	G1, G1 1/2	6BTA5.9	CUMMINS	132	2500	4500*1400*1950	2600
EL600	203	14	600	17	360	1	G1, G1 1/2	6BTA8.3	CUMMINS	179	1800	5200*1960*2300	2800
EL700	246	17	635	18	360	1	G1 1/2, G2	6BTA8.3	CUMMINS	194	1800	5200*1960*2300	2800
EL750	203	14	750	21.2	380	1	G1 1/2, G2	6BTA8.9	CUMMINS	239	1800	5200*2060*2480	5600
	290	20	750	21.2	380	2	G1 1/2, G2	6BTA8.9	CUMMINS	260	1800	5200*2060*2480	6200
EL900	203	14	820	23.3	410	1	G1 1/2, G2	6BTA8.9	CUMMINS	239	2100	5200*2060*2480	5800
EL1070	348	24	1060	30	480	2	2*G2 1/2	6BTA9.8	CUMMINS	348	1800	5500*2300*2500	6800

Double Screw Air Compressor

HIGH INLET TEMPERATURE AIR COOLING REFRIGERATED AIR DRYER

The front air-cooling pre-cooler and the condenser in the cooling system use the forced ventilation system for cooling, the advantages for air cooling system: easy to install and maintain, little early investment, low operation cost, suitable for the conditions with comfortable environment temperature and good ventilation, especially suitable for the areas free of water or short of water resources. The machine use a high quality fan motor, mostly applied to the low load and movable situations, which are largely influenced by the environment temperature.

Working conditions:

Inlet temperature: ≤80℃

Cooling method: Air cooling

Inlet pressure: 4~13bar

Pressure drop: ≤0.3bar

Refrigerant: R22/R134a/R407c/R410a

Dew point: 2~10℃

SPECIFICATIONS

Model	Voltage	Cooling	Fan Power	Amount of Treatment	Caliber of Air Pipe	Shape Dimension			Weight
	V/HZ	HP/KW	W	Nm^3/min		L	W	H	Kg
ELH-10HA	220/50	1/0.85	90	1.2	ZG1	630	450	640	50
ELH-15HA	220/50	1/0.85	90	2.4	ZG1	700	450	830	80
ELH-30HA	220/50	1.25/1.25	140	3.8	ZG1 1/2	850	500	920	105
ELH-50HA	220/50	1.5/1.5	180	6.5	ZG1 1/2	880	550	1020	150
ELH-60HA	220/50	2.5/1.8	180	8.5	ZG1 1/2	880	550	1020	160
ELH-75HA	380/50	3/2.5	2×140	10.7	ZG2	1180	670	1080	240
ELH-100HA	380/50	3/2.5	2×140	13.5	ZG2	1180	670	1080	260
ELH-120HA	380/50	3.6/3	2×140	18	DN65	1360	710	1220	310
ELH-150HA	380/50	5.0/4.0	2×140	23	DN80	1360	710	1220	400
ELH-200HA	380/50	6.0/4.5	2×140	28	DN80	1650	750	1290	450
ELH-250HA	380/50	7.5/6.5	6(3)×180	33	DN100	1840	850	1620	780
ELH-400HA	380/50	10.5/8.8	6(3)×180	45	DN125	2000	950	1740	820
ELH-500HA	380/50	12/10.2	6(3)×180	55	DN125	2200	1050	1910	900
ELH-600HA	380/50	15/13	6(3)×180	65	DN125	2550	1100	1940	1100

Certification: CE/ISO9001/TUV/UL/SGS/ASME
Voltage: 110V~660V 50Hz/60Hz 3Ph available.

PRECISION AIR FILTER

- Q (Separator filter): Remove plenty of liquid and 3micron coalescer (5ppm maximum remaining oil content).
- P (Air line filter): Remove plenty of liquid and 1micron coalescer (1ppm maximum remaining oil content).
- S (High efficiency oil removal filter): Remove plenty of liquid and 0.01micron coalescer (0.01ppm maximum remaining oil content).
- C (Ultra high efficiency oil removal filter): For coalescing small water vapour and oil fog, remove 0.01 micron coalescer (0.001ppm maximum remaining oil content).
- H (OIL vapor removal filter): For adsorbing oil vapour and hydrocarbon vapor via activated carbon, remove solid particles to 0.01micron (0.003ppm maximum remaining oil content).

SPECIFICATIONS

Model	Model				Amount of treatment	Caliber of Air Pipe	Dimension			Weight
	Q	P	S	C	Nm^3/min		L	W	H	Kg
END	012	012	012	012	1.2	ZG1	105	76	250	2
END	015	015	015	015	1.5	ZG1	105	76	250	2
END	024	024	024	024	2.4	ZG1	105	78	310	3
END	038	038	038	038	3.8	ZG1.5	137	99	400	4
END	065	065	065	065	6.5	ZG1.5	137	99	425	5
END	100	100	100	100	10.7	ZG2	137	99	620	5
END	100	100	100	100	10.7	DN50	310	133	860	25
END	140	140	140	140	14	ZG2	135	108	750	10
END	140	140	140	140	14	DN50	310	133	860	25
END	180	180	180	180	18	ZG2.5	148	125	920	13
END	180	180	180	180	18	DN65	310	133	860	25
END	220	220	220	220	22	ZG2.5	148	125	920	14
END	220	220	220	220	22	DN80	379	159	1040	44
END	350	350	350	350	35	DN100	465	219	1060	65
END	450	450	450	450	45	DN125	470	219	1060	68
END	540	540	540	540	54	DN125	513	273	1215	96
END	600	600	600	600	60	DN125	513	273	1215	96
END	880	880	880	880	88	DN125	615	325	1395	140
END	1100	1100	1100	1100	110	DN125	615	377	1300	145

HEATLESS PURGE DESICCANT AIR DRYER

Heatless Purge Desiccant Air Dryer

According to the principal of PSA, the moisture in the air will be adsorbed and compressed with the special appetency of the sorbent on the steam. The machine is of two-tower structure. Under the control of PLC, the two towers will run alternately. One tower adsorb the moisture under high pressure and another tower complete the desorption of steam with the dry air produced by itself, thus keeping running circularly. Although the machine will consume some air, the comprehensive energy consumption are largely lower than the heat sourced regenerative dryer based on variable temperature adsorption, so it is a widely used air compressing and drying machine at present.

Working condition and technical data

Purge air: ≤12~15%
Working pressure: 6~10bar
Inlet oil content: ≤0.01ppm
Outlet air pressure dew point: -20 ~ -40℃
Desiccant: Activated aluminum or Molecular siere
Working periods: 4 ~ 20minutes
Inlet temperature: 0~45℃

SPECIFICATIONS

Model	Capacity	Pipe connection diameter	Dimension(mm)			Weight
	Nm^3/min		L	W	H	Kg
ELAD-3WXF	3.8	ZG1.5	1000	450	1900	300
ELAD-6WXF	6.5	ZG1.5	1200	500	1950	400
ELAD-8WXF	8.5	ZG1.5	1400	600	2000	510
ELAD-10WXF	10.7	ZG2	1400	600	2090	700
ELAD-13WXF	13.5	ZG2	1400	600	2140	740
ELAD-18WXF	18	DN65	1400	600	2200	780
ELAD-25WXF	25	DN80	1670	650	2435	1180
ELAD-35WXF	35	DN100	1670	650	2566	1760
ELAD-45WXF	45	DN125	1750	750	2700	2200
ELAD-55WXF	55	DN125	1800	750	2755	2600
ELAD-65WXF	65	DN125	1900	700	3070	3100
ELAD-85WXF	85	DN150	2620	1120	3070	4100
ELAD-110WXF	110	DN150	3100	1650	3200	5200
ELAD-160WXF	160	DN200	3240	1770	3190	6000

EXTERNALLY HEATED PURGE DESICCANT AIR DRYER

Externally Heated Purge Desiccant Air Dryer

According to the principal of PSA and TSA, the moisture in the air will be adsorbed and compressed with the special appetency of the sorbent on the steam. The machine is of two-tower structure. Under the control of PLC, the two towers will run alternately. One tower adsorb the moisture under high pressure and another tower complete the desorption of steam with the dry air produced by itself under low pressure and high temperature, thus keeping running circularly. The air consumption of the machine is lower than the heatless regenerative dryer, but some electric power should be consumed to heat the regenerated air.

Working condition and technical data

Purge air: ≤4~6%
Working pressure: 4~10bar
Inlet oil content: ≤0.01ppm
Outlet air pressure dew point: -20 ~ -70℃
Desiccant: Activated aluminum or Molecular siere
Working periods: 60 ~ 180minutes
Inlet temperature: 0~45℃

SPECIFICATIONS

Model	Capacity	Heater power	Pipe connection diameter	Dimension(mm)			Weight
	Nm^3/min	KW		L	W	H	Kg
ELAD-1MXF	1.2	1	ZG1	800	480	1420	150
ELAD-2MXF	2.4	1	ZG1	800	480	1520	210
ELAD-3MXF	3.8	2	ZG1.5	1000	525	1900	340
ELAD-6MXF	6.5	2	ZG1.5	1200	550	1950	440
ELAD-8MXF	8.5	2	ZG1.5	1400	600	2000	550
ELAD-10MXF	10.7	3	ZG2	1400	600	2090	760
ELAD-13MXF	13.5	3	ZG2	1400	600	2140	800
ELAD-18MXF	18	3	DN65	1400	650	2200	860
ELAD-20MXF	25	4	DN80	1670	725	2435	1250
ELAD-30MXF	35	4	DN100	1670	725	2566	1820
ELAD-40MXF	45	6	DN125	1750	775	2700	2260
ELAD-50MXF	55	6	DN125	1800	775	2755	2660
ELAD-60MXF	65	8	DN125	1900	800	3070	3180
ELAD-80MXF	85	8	DN150	2620	1120	3073	4200
ELAD-100MXF	110	10	DN150	3100	1650	3200	5300
ELAD-160MXF	160	15	DN200	3240	1770	3190	6100

IOT (INTERNET OF THINGS)+ INTELLIGENT CONTROL SYSTEM

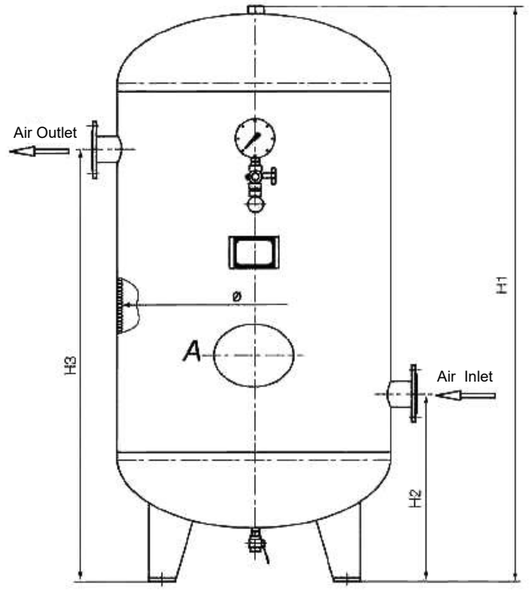
PLC of ELANG compressors can be an option of world famous CMC controller, the same supplier of Ingersoll rand, to realize IOT functions for your whole compressed system:

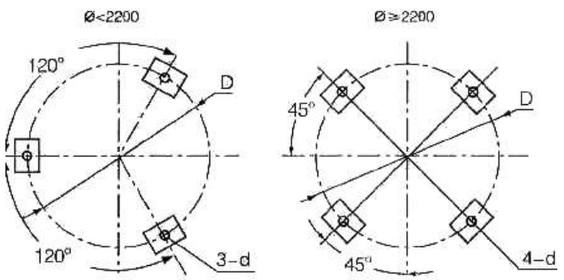
- Automatically notify the information about maintenance or alarmings of air compressor through the mobile phone
- Obtain all the relevant equipment information on the Internet at home.
- ELANG Internet of Things system can be controlled remotely to modify operating parameters of the compressor.

Air Tank

Functions Of Air Tank In Compressed Air System:

To satisfy the increase of compressed air demands and avoid the negative influence of air flow fluctuation on the gas point in the pipeline system.
To cool the compressed air, discharge the water in compressed air, reduce the load of air dryer, and save more energy.
To reduce the unloading time of air compressor and reduce the energy consumption of the air compressor.





SPECIFICATIONS

S/O	volume pressure (m³/Mpa)	Design Temperature (C)	Overall Height H1	Inner Diameter	Inlet			Outlet			Support		Safety Valve Joint	Blow-off Valve Joint
					H2	DN	Thread Type	H3	DN	Thread Type	D	d		
1	0.1/0.8	110	1103	400	479		Rp1/2	804		Rp1/2			Rp1/2	R1/2
2	0.1/1.0	110	1103	400	479		Rp1/2	804		Rp1/2			Rp1/2	R1/2
3	0.2/0.8	110	1203	550	505		Rp1	1000		Rp1			Rp1/2	R1/2
4	0.2/1.0	110	1203	550	505		Rp1	1000		Rp1			Rp1/2	R1/2
5	0.3/0.8	110	1589	550	642		Rp1¹/₂	1242	50	Rp1¹/₂	400	20	Rp1/2	R1/2
6	0.3/1.0	110	1589	550	642		Rp1¹/₂	1242	50	Rp1¹/₂	400	20	Rp1/2	R1/2
7	0.6/0.8	110	1900	700	680		Rp1¹/₂	1550	65	Rp1¹/₂	490	24	Rp1/2	R1/2
8	0.6/1.0	110	1902	700	681		Rp1¹/₂	1551	65	Rp1¹/₂	490	24	Rp1/2	R1/2
9	1.0/0.8	110	2305	800	690		Rp1¹/₂	1920	65	Rp1¹/₂	560	24	Rp3/4	R1/2
10	1.0/1.0	110	2307	800	691		Rp1¹/₂	1921	65	Rp1¹/₂	560	24	Rp3/4	R1/2
11	1.5/0.8	110	2265	1000	760		Rp2	1810	65	Rp2	700	24	Rp3/4	R1/2
12	1.5/1.0	110	2265	1000	760		Rp2	1810	65	Rp2	700	24	Rp3/4	R1/2
13	2.0/0.8	110	2780	1000	760	80	Rp2	2320	80	Rp2	700	24	Rp3/4	R1/2
14	2.0/1.0	110	2780	1000	760	80	Rp2	2320	80	Rp2	700	24	Rp1¹/₄	R1/2
15	2.5/0.8	110	3300	1000	760	80		2840	80		700	24	Rp1¹/₄	R1/2
16	2.5/1.0	110	3300	1000	760	80		2840	80		700	24	Rp1¹/₄	R1/2
17	3.0/0.8	110	2920	1200	850	80		2410	80		906	24	Rp1¹/₂	R3/4
18	3.0/1.0	110	2922	1200	851	80		2411	80		906	24	Rp1¹/₂	R3/4
19	4.0/0.8	110	3030	1400	910	100		2470	100		1050	24	Rp1¹/₂	R3/4
20	4.0/1.0	110	3032	1400	911	100		2471	100		1050	24	Rp1¹/₂	R3/4
21	5.0/0.8	110	3630	1400	910	100		2990	100		1050	24	Rp2	R3/4
22	5.0/1.0	110	3632	1400	911	100		2991	100		1050	24	Rp2	R3/4
23	6.0/0.8	110	4230	1400	910	100		3620	100		1050	24	Rp2	R3/4
24	6.0/1.0	110	4232	1400	911	100		3621	100		1050	24	Rp2	R3/4
25	8.0/0.8	110	3154	2000	1082	125		2362	125		1050	32	Rp2	R3/4
26	8.0/1.0	110	3156	2000	1083	125		2363	125		1050	32	Rp2	R3/4
27	10.0/0.8	110	3754	2000	1082	150		2962	150		1050	32	Rp2¹/₂	R3/4
28	10.1/1.0	110	3756	2000	1083	150		2963	150		1050	32	Rp2¹/₂	R3/4
29	12.0/0.8	110	4354	2000	1082	150		2562	150		1050	32	Rp2¹/₂	R3/4
30	12.0/1.0	110	4356	2000	1083	150		2563	150		1050	32	Rp2¹/₂	R3/4
32	15.0/0.8	110	4531	2200	1208	150		3618	150		1650	32	Rp2¹/₂	R1
32	15.0/1.0	110	4533	2200	1209	150		3619	150		1650	32	Rp2¹/₂	R1
33	20.0/0.8	110	5036	2400	1348	200		4108	200		1800	32	Rp3	R1
34	20.0/1.0	110	5040	2400	1350	200		4110	200		1800	32	Rp3	R1
35	25.0/0.8	110	6146	2400	1348	200		5068	200		1800	32	Rp3	R1
36	25.0/1.0	110	6150	2400	1350	200		5070	200		1800	32	Rp3	R1
37	30.0/0.8	110	6706	2500	1373	200		5603	200		1875	36	Rp3	R1
38	30.0/1.0	110	6710	2500	1375	200		5605	200		1875	36	Rp3	R1
39	40.0/0.8	110	8676	2500	1373	200		7413	200		1875	36	Rp3	R1
40	40.0/1.0	110	8680	2500	1375	200		7415	200		1875	36	Rp3	R1

Double Screw Air Compressor

S/O	volume pressure (m³/Mpa)	Design Temperature	Overall Height H1	Inner Diameter	Inlet			Outlet			Support		Safety Valve Joint	Blow-Off Valve Joint
					H2	DN	Thread Type	H3	DN	Thread Type	D	d		
41	0.3/1.3	110	1593	550	644	50	Rp1¹/₂	1244	50	Rp1¹/₂	400	20	Rp1/2	R1/2
42	0.3/1.6	110	1536	550	643	50	Rp1¹/₂	1143	50	Rp1¹/₂	400	20	Rp3/4	R1/2
43	0.6/1.3	110	1904	700	682	65	Rp1¹/₂	1552	65	Rp1¹/₂	490	24	Rp1/2	R1/2
44	0.6/1.6	110	2086	650	668	65	Rp1¹/₂	1668	65	Rp1¹/₂	460	20	Rp3/4	R1/2
45	1.0/1.3	110	2305	800	690	65	Rp1¹/₂	1920	65	Rp1¹/₂	560	24	Rp3/4	R1/2
46	1.0/1.6	110	2307	800	691	65	Rp1¹/₂	1921	65	Rp1¹/₂	560	24	Rp1	R1/2
47	1.5/1.3	110	2267	1000	761	65	Rp2	1811	65	Rp2	700	24	Rp1	R1/2
48	1.5/1.6	110	2566	900	753	65	Rp2	2118	65	Rp2	630	24	Rp1¹/₄	R1/2
49	2.0/1.3	110	2782	1000	761	80	Rp2	2321	80	Rp2	700	24	Rp1¹/₄	R1/2
50	2.0/1.6	110	2786	1000	753	80	Rp2	2323	80	Rp2	700	24	Rp1¹/₄	R1/2
51	2.5/1.3	110	3302	1000	761	80	Rp2	2841	80	Rp2	700	24	Rp1¹/₄	R1/2
52	2.5/1.6	110	3306	1000	753	80	Rp2	2843	80	Rp2	700	24	Rp1¹/₄	R1/2
53	3.0/1.3	110	2924	1200	852	80	Rp2	2412	80	Rp2	906	24	Rp1¹/₂	R3/4
54	3.0/1.6	110	2926	1200	853	80	Rp2	2413	80	Rp2	906	24	Rp1¹/₂	R3/4
55	4.0/1.3	110	3036	1400	913	100		2473	100		1050	24	Rp1¹/₂	R3/4
56	4.0/1.6	110	3040	1400	915	100		2475	100		1050	24	Rp1¹/₂	R3/4
57	5.0/1.3	110	3636	1400	913	100		2993	100		1050	24	Rp2	R3/4
58	5.0/1.6	110	3460	1400	915	100		2995	100		1050	24	Rp2	R3/4
59	6.0/1.3	110	4236	1400	913	100		3623	100		1050	24	Rp2	R3/4
60	6.0/1.6	110	4240	1400	915	100		3625	100		1050	24	Rp2	R3/4
61	8.0/1.3	110	3190	2000	1100	125		2380	125		1500	32	Rp2	R3/4
62	8.0/1.6	110	3194	2000	1102	125		2382	125		1500	32	Rp2	R3/4
63	10.0/1.3	110	3790	2000	1100	150		2980	150		1050	32	Rp2¹/₂	R3/4
64	10.0/1.6	110	3794	2000	1102	150		2982	150		1050	32	Rp2¹/₂	R3/4
65	12.0/1.3	110	4390	2000	1100	150		3580	150		1500	32	Rp2¹/₂	R3/4
66	12.0/1.6	110	4394	2000	1102	150		3582	150		1500	32	Rp2¹/₂	R3/4
67	15.0/1.3	110	4569	2200	1227	150		3637	150		1650	32	Rp2¹/₂	R1
68	15.0/1.6	110	4573	2200	1229	150		3639	150		1650	32	Rp2¹/₂	R1
69	20.0/1.3	110	5044	2400	1352	200		4112	200		1800	32	Rp3	R1
70	20.0/1.6	110	5048	2400	1354	200		4114	200		1800	32	Rp3	R1
71	25.0/1.3	110	6154	2400	1102	200		5072	200		1500	32	Rp3	R1
72	25.0/1.6	110	6158	2400	1352	200		5074	200		1650	32	Rp3	R1
73	30.0/1.3	110	6722	2500	1354	200		5609	200		1650	32	Rp3	R1
74	30.0/1.6	110	8680	2500	1381	200		5611	200		1800	32	Rp3	R1
75	40.0/1.3	110	8688	2500	1379	200		7419	200		1800	36	Rp3	R1

PRODUCTION PROCESS

Raw materials and spare parts inspection before storage

Raw materials highly processed by imported equipments

Finished parts recording

Start production

Assembly inspection to ensure quality

Finished products testing with testing reports

Double inspection before packing

Packing preparation

Standard exporting plywood packaging

Packaging finished with shipping mark and instructive mark

Container loading

Worldwide transportation

CERTIFICATES

CE EU MD 2006/42/EC and LVD 2006/95/EEC, ISO, TUV, ASME

EXHIBITIONS

INSTALLATION SITE