

## DIESEL PORTABLE AIR COMPRESSOR



### **Cummins Engine GHH Air End**

The Diesel portable air compressor used Cummins Engine and GHH AIR END, make sure the air delivery and work efficiency, also meet the overload using and the most harsh field environment.

### **GHH AIR End**

German GHH air end use the latest type asymmetric tooth design, big rotor, low speed, make sure the high compression efficiency, low energy consumption, performance excellence

### **High elastic coupling straight league**

Air end and Engine through the High elastic coupling straight league, No increase gear and better reliability, the rotational speed consistent with diesel engines (not more than 2200 r/min), longer life

### **Brake**

Travel mechanism of the machine increased the manual brake also can choose the automatic brake.

### **Increase the fault sound and light alarm devices,**

Such as failure effect it will produce similar with a police car alarm

### **Low noise**

Using the labyrinth ventilation system

### **Using external doors, built-in chain**

So that increase the Aesthetic feeling and stereo feeling.

### **The negater style air control system is brief and reliable**

It realizes the air delivery's continuously automatic adjustment from 0 to 100%, and makes the rotation speed of diesel engine during the idling and rated rotation speed, thereby save energy.

### **German MANN air filter, oil filter and oil separator**

Ensure the suction and discharge air quality of diesel engine and compressor, and the quality of lubricating oil. They help the compressor suitable to be used in poor environment, such as environment full of dusty and high humidity.

### **Heat insulation and protection**

High efficient insulation sleeve is used in the discharge pipeline of diesel engine, it has the functions of heat insulation and protection, avoiding the human getting burned.

### **Satisfy low temperature or high altitude**

The compressor unit is installed with air intake preheater. Moreover, to solve the problem of diesel engine which is hard to start when used in low temperature or high altitude district, the cold starting equipment such as fuel heater and coolants heater is for option.

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#### **Instrument electric control system**

Instrument electric control system helps the compressor adopting to work under poor environment at minus 40 degrees in the wild. It can ensure the parameters of diesel engine, such as the oil pressure, water temperature, rotation speed, oil level, discharge temperature of air compressor, discharge pressure and etc, to work normal and alarm when failed.

#### **Operation, maintenance both are convenient**

All kinds of safety light makes running status be clear at a glance and equipped with automatic stop and alarm lamp device.

Spacious side, front and rear door make the maintenance of air filter, oil filter and check the control be more convenient. The repaired parts are within reach, easy convenience, reduced downtime.

#### **Humanized Design**

The traction pull-tab is suitable for different traction equipments, lifting rod can greatly reduce operating strength while its pedal frame and handle is convenient for overhaul.

#### **Attractive Appearance and Anti-corrosion**

The shutters on the cover make the equipment own much better Ventilation& cooling and appearance. The high-quality cold-rolled steel plates with high temperature paint outside ensure the equipment's service durability and best anti-corrosive property.

#### **Clear and Simple Pipes:**

Main pipes adopt iron pipe and are not easy to damage. The exhaust pipe of screw air end uses iron and corrugated metal combined pipe, which meets air compressor vibration demands and also convenient for maintenance.

#### **Tank:**

Subsided structure to install the oil tank, placed around each one, Increase oil reserves, make the add oil time interval longer, the weight on both sides are balanced. Tank not in the case, make the space more and not only bring convenience to maintenance service, noise is reduced accordingly, but also giving the customer a good value feeling.

Model	Compressor				Diesel				
		Air delivery	Exhaust pressure	Shaft Power		Power	Loading Speed	Unload Speed	Model
		m <sup>3</sup> /min	bar	KW		KW	rpm	rpm	
ERC-550SALCY	Two-stage compression	35	20	300	Cummins	392(2100)	1900	1300	KTA19-C525
					Yuchai	404	1900	1300	YC6K550L
		25	24		Cummins	392(2100)			KTA19-C525
ERC-400SALCY	Two-stage compression	26	20	233	Cummins	298	2200	1500	NTA855-P400
		20	25		Yuchai		2000	1500	YC6M395L-K20(288/2100)
					Cummins	294	1900	1300	EQR400-K20
		25	1.8		Cummins	276	1900	1300	EQR375-33
ERC-360SALCY	Two-stage compression	20	20	200	Cummins	264(2200)	2100	1500	6LTA8.9-C360
		20	20		Yuchai	250	2100	1400	YC6M340-K20
		22	20		Cummins	264	1800	1400	6LTA8.9-C360
	Single Compression	25	12	199	Cummins	264	2200	1500	6LTA8.9-C360
ERC-340SALCY	Two-stage compression	20	20	190	Cummins / Yuchai	250 / 288/2100	1900 / 1900	1300 / 1300	EQR340-33/YC6M395-K20
ERC-325SALCY	Two-stage compression	18	20	190	Cummins	239	2200	1500	6LTA8.9-C325
		21	19	190					
	Single Compression	22	13	180					
		25	10						
ERC-260SALCY	Single Compression	25	8	155	Cummins	194	2200	1500	6CTA8.3-C260
		22	10	153					
		17	17	160					
ERC-240SALCY	Single Compression	22	8	140	Cummins	178	2200	1500	6CTA8.3-C240
ERC-215SALCY	Single Compression	13	17	128	Cummins	160	2200	1500	6CTA8.3-C215
		15	13	128					
		16.5	10	128					
		22	7	120					
ERC-180SALCY	Single Compression	13	13	105	Cummins	132	2200	1500	6BTA5.9-C180
		15	10	105					
		15.5/16	8						
		17	7						
ERC-150SALCY	Single Compression	12	8		79	Cummins	110	2300	1500
		12	10	88					
		10	13	88					
		8.5	14.5	88					
ERC-125SALCY	Single Compression	10	10	70	Cummins	93	2200	1500	4BTA3.9-C125
		11.5	0.8	74.5					
		12	0.7	70					
		8	14	72					
ERC-100SALCY	Single Compression	7.5	10	55	Cummins	75	2400	1600	4BT3.9-C100
		7.5	8	50					
		9	7	55					
		6	12	52					
ERC-80SALCY	Single Compression	6	10	42	Cummins	60	2000	1500	4BT3.9-C80
		7	8	45					
		7.5	7	45					
		4.6	8	35					