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PORTABLE AIR COMPRESSOR

DRIVEN BY DIESEL ENGINE



Your Partner for Power.....

AIR COMPRESSOR DRIVEN BY DIESEL ENGINE

OVERVIEW

Air compressor is widely used in such industries as mine, water conservancy, communications, shipbuilding, city construction, energy resources and military, which is an equipment characterized with high-efficiency, safety and stable and environmental friendly and welcomed by customers.

POWERLINK air compressor has a power range of 10.8~297KW, displacement range to 30m³/min, and its highest discharge pressure is 30Bar. Classified by two series, it naming AR series and AS series; and it is structurally divided into three types: Spirit, Eagle, Rhino. The compressor is driven by famous engine, such as KUBOTA, PERKINS, CATERPILLAR, CUMMINS and POWERLINK.

BENEFITS

**STRONG POWER, STABLE PERFORMANCE, HIGH ECONOMICAL
EFFICIENCY AND ENVIRONMENTAL PROTECTION**

Main Parts

- Engine: high-efficiency and energy saving, stable and reliable, durable and with adequate reserve power; world-renowned KUBOTA, PERKINS, CATERPILLAR, CUMMINS, POWERLINK engines are in accordance with European II emission standards, which enjoy worldwide after-sales service system.



- The principal machine adopts twin-screw rotor and is directly connected with diesel engine by highly flexible coupling. Computer simulates the analysis of torsional vibration, and there is no overdrive gear in the middle, which enables it to output more air with less energy consumption, featuring by high reliability, longer service life and low maintenance cost.
- Air-oil separator filter adopts folding wave shaping technology, ensuring largest filtering area with the same size. Spiral dash separation structure is adopted, and extension oil flow track is installed in the barrel for the purpose of ensuring below 2PPM air-oil separation rate, all these guarantee the quality of discharge.



Intake System

- The device is equipped with two-stage air filtration system with safety filter, which enables the total efficiency to reach 99.98% and ensures air compressor to not be infringed by dust and dirty particles. When the filter needs to be replaced, damping displayer will warn you timely. Pre-filter can be equipped under harsher and more dusty environment for extending maintenance time of air filter and service life of engine.
- Intake system of compressor adopts butterfly valve mechanism and has switching quantities adjustment function and continuous adjustment function. The scope of stepless adjustment can reach 0-100% for air path control, which improves fuel economic efficiency on condition that working pressure stability is guaranteed.

Cooling System

- High-performance fin type structure is designed with high-temperature resistance ability, which can run for long time under extreme cold or hot temperature from -20 °C to 50 °C, and safety protection cover is equipped.

Mobile System

- Service braking and parking braking systems ensure safety and reliability.
- Max running speed of road standard can reach 80km/h, for off-road standard, the running speed is less than 20km/h.
- Height-adjustable goose neck design is equipped with rotatable outrigger whose height can be also easily adjusted, which is applicable to field works under various conditions.



Shock Absorption System

- Vibration isolators are fitted between the engine, compressor and base frame, which can effectively reduce vibration and ensure stable running.
- Radiator adopts integrated shock absorption structure, which can effectively eliminate shear force, ensure good buffering during moving, and prevent water leakage.
- All air path, oil path, water path and electrical wiring are aligned neatly and fixed on the machine, which can prevent malfunction arisen from their looseness during moving and running.
- All the movable parts are effectively fixed for further reducing vibration.



ENERGY-SAVING ENVIRONMENTAL PROTECTION

Energy-saving & Environmental-friendly Design

- ✓ Through mandatory air transmission, volume flow is not affected by discharge pressure, which can ensure high efficiency within the wide speed range.
- ✓ Diesel engine accelerator is automatically adjusted in line with the size of air consumption. The working pressure can be set quickly without wasting any diesel.
- ✓ Various series products can be customized in accordance with customer's requirements of air displacement and discharge pressure.
- ✓ Small size and light weight reduce logistics costs.

Low Noise

- ✓ POWERLINK super soundproof structure is adopted. Resistance integrated silencer structure can effectively reduce all noises in middle and high frequency bands, which ensures quiet running of machine without affecting daily life.
- ✓ The internal wall of machine adopts a new, special flame-retardant silencer cotton, specialized sealed rubber is used around the door, which can greatly absorb and cut off the noise and heat discharged by the machine during working.
- ✓ Advanced noise reduction design is integrated into many parts, such as air inlets/outlets and the unit's doors, which can effectively reduce noise.



EXCELLENT SAFETY PERFORMANCE

Information Security

- ✓ Monitoring system is equipped for monitoring the operational parameters in real time
- ✓ Multiple data display, monitor, warning and shutdown functions.

Operational Safety

- ✓ The radiator and high-speed rotating parts are equipped with protection cover; the heat pipe is protected by high-temperature cloth for avoiding accidental injury caused by direct contact between people and machine.
- ✓ Radiator is equipped with low water level protection function, water injection observation window and recovery tank.
- ✓ The machine is equipped with battery isolator switch, which can prevent sudden starting up of the unit during maintenance.
- ✓ Air-oil separator and air filter are equipped with alarm indicators for periodic maintenance.

Advanced Waterproof and Dustproof Design

- ✓ The rainproof and dustproof design adopted by control cabinet, each access door and assembly board is able to prevent entering of rain and dust, which can greatly improve protection class.



AIR COMPRESSOR

DRIVEN BY DIESEL ENGINE



EASY OPERATION

Personalized Design

- ✓ Easy to operate and maintain: high automatization, operators don't have to go through long term professional training, and unattended operation can be achieved.
- ✓ Control system adopts digital technology with microprocessor as core; control switch and indicating instrument are integrated at the same panel, which can facilitate real-time monitoring of operator.
- ✓ Starting up and fault automatic alarm device.
- ✓ Multiple languages are optional.
- ✓ Emergency stop button can offer more convenient operation when the machine is in the state of emergency or overhauling.
- ✓ One-button start, clear operational parameters, personalized operating system, intelligent control, multiple warning and shutdown protection functions.
- ✓ Convenient refueling water device, the fuel tank is equipped with fuel level gauge and electronic fuel level sensor, facilitating monitoring fuel level while fuel-injection and low fuel level warning during the machine is running, which ensures the machine keeps continuous running.
- ✓ Fuel tank with large capacity ensures at least 8 hours or above running of the unit with full load.
- ✓ The inlet pipe is equipped with fuel check valve and electronic fuel pump to ensure start and load capacities of the machine, emptying device with a certain height ensures smooth fuel-injection when the unit moves.
- ✓ Battery isolator switch, fuel pump, fuel gauge, folder, together with control cabinet are located on the same side to facilitate operation.
- ✓ All external parts of unit and internal parts are stuck with signal labels, which can effectively offer safety protection instruction and facilitate operation.



Easy Maintenance

- ✓ The machine adopts twin screw rotor, less parts and quick-wear parts, which enable the machine to run stably with long service life; POWERLINK high-quality synthetic lubricating oil can be used for a long time.
- ✓ Easily-replaced air-oil separator, double air filter and optional pre-filtering system can effectively filtrate impurities in the air to protect the engine. So the machine is suitable for using in harsh and dusty environments, such as mine, outdoor works.
- ✓ Gull-wing wide open door structure designed on the basis of ergonomics, together with shutter which can be removed from front and rear, ensure you the best angle and operational space during maintenance, all the daily maintenance works can be conducted at both sides of the equipment.
- ✓ Integrated drain outlet installed at the chassis of unit is convenient for routine maintenance.
- ✓ Larger type air compressor is equipped with ladder, which is convenient for watering, lifting and inspecting.



Easy Transportation

- ✓ The chassis is equipped with dragging and pulling functional parts, which are easy to use and meet operational environment requirements of mines, rental market and other industries.
- ✓ Economical size design of unit can reduce transportation costs.
- ✓ Double hanger structure of the machine can guarantee the lifting center without affecting operation and maintenance space.



CONTROL PANEL



Important Information Shown on the Screen

- ☑ Compressor state: wait-preheat-auto-loading-no loading-loading finished-cooling and shutdown
- ☑ Running time
- ☑ Engine speed
- ☑ Air-oil tank pressure
- ☑ Discharge pressure
- ☑ Engine oil pressure
- ☑ Fuel level
- ☑ Coolant temperature
- ☑ Coolant level
- ☑ Air inlet temperature
- ☑ Ambient temperature
- ☑ Battery voltage
- ☑ All the contents shown on CANBUS J1939: fuel pressure, fuel consumption, engine load

Language

At least six languages can be set through software PLC-3000, which are as follows: English, French, German, Italian, Spanish, Chinese

SPIRIT SERIES

STATIONARY/PORTABLE AIR COMPRESSOR

Rate of flow: 1.7—10.3m³/min

Pressure: 7—13Bar



HIGH EFFICIENCY, STABLE PERFORMANCE, ENVIRONMENTAL PROTECTION

World-renowned KUBOTA, CUMMINS, and POWERLINK Engines

- ☑ Efficient and energy-saving, safe and reliable,
- ☑ Compact structure, long service life,
- ☑ Super silence, ultra-low emission.

Twin Screw Rotor

- ☑ Directly connected by highly flexible coupling, which enables it to output more air with less energy consumption.
- ☑ Good adaptability, the air displacement can be adjusted automatically according to the air consumption; fuel can be used economically.

Air-oil separation

- ☑ Spiral clash separation structure is adopted.
- ☑ Extension oil flow track is installed in the barrel for the purpose of ensuring below 2PPM gas-oil separation rate to guarantee exhaust quality.

MOBILE SYSTEM

Service brake and parking brake systems

- ☑ Safe and reliable
- ☑ Running speed can reach 80-100KM/H
- ☑ Travel speed of off-road standard trailer is less than 20KM/H.

Goose neck design

- ☑ Height is adjustable
- ☑ Outrigger with height adjustable.
- ☑ Applicable to field work under various conditions.



EAGLE SERIES

STATIONARY/PORTABLE AIR COMPRESSOR



Rate of flow: 8—24m³/min

Pressure: 7—13Bar

HIGH EFFICIENCY,STABLE PERFORMANCE,ENVIRONMENTAL PROTECTION

World-renowned PERKINS and CUMMINS Engines

- ✓ Efficient and energy-saving, safety and reliable.
- ✓ Durable, adequate reserve power, high cost performance
- ✓ Accord with EU II emission standards, worldwide after-sales service system

Twin Screw Rotor

- ✓ High reliability, long service life, low maintenance cost.
- ✓ Directly connected by highly flexible coupling, which enables it to output more air with less energy consumption.
- ✓ Good adaptability, the air displacement can be adjusted automatically according to the air consumption; fuel can be used economically.

Air-oil separation

- ✓ Spiral clash separation structure is adopted.
- ✓ Extension oil flow track is installed in the barrel for the purpose of ensuring below 2PPM gas-oil separation rate to guarantee exhaust quality.

MOBILE SYSTEM

Service brake and parking brake systems

- ✓ Safe and reliable
- ✓ running speed can reach 80-100KM/H
- ✓ Travel speed of off-road standard trailer is less than 20KM/H.

Goose neck design

- ✓ Height is adjustable
- ✓ Outrigger with height adjustable.
- ✓ Applicable to field work under various conditions.



RHINO SERIES

STATIONARY/PORTABLE AIR COMPRESSOR



Rate of flow: 8—30m³/min

Pressure: 8—30Bar

HIGH EFFICIENCY,STABLE PERFORMANCE,ENVIRONMENTAL PROTECTION

World-renowned CATERPILLAR and CUMMINS Engines

- ✓ Low emission, low energy consumption
- ✓ Advanced electronic control
- ✓ Multi-point fuel injection
- ✓ More efficient air management
- ✓ Meet EU II emission requirements, worldwide after-sales service system.

Twin Screw Rotor with large Diameter

- ✓ High reliability, long service life, low maintenance cost.
- ✓ Directly connected by coupling, computer simulates the analysis of torsional vibration, and there is no overdrive gear in the middle, which enables it to output more air with less energy consumption.
- ✓ Automatic adjustment of air displacement, quick establishment and setting of working pressure, and fuel can be used economically.

MOBILE SYSTEM

Parking brake system

- ✓ Safety and reliable
- ✓ Four-wheel drive with large turning radius
- ✓ Applicable to field works under various conditions

Air-oil separation

- ✓ Spiral clash separation structure is adopted.
- ✓ Extension oil flow track is installed in the barrel for the purpose of ensuring below 2PPM gas-oil separation rate to guarantee exhaust quality.

Easy Maintenance

- ✓ The top of air tank is equipped with specialized locking-type hinged roof skylight; it is not necessary to remove the soundproof shield or side panel during maintenance, which will speed up the efficiency of maintenance service and reduce maintenance cost.





TRAILER

OPTIONAL



TRAILER

Equipped with service brake and parking brake systems which are safe and reliable; four-wheel drive with big turning radius; height-adjustable goose neck design is equipped with rotatable outrigger whose height can also be easily adjusted. Stationary compressor with trailer is applicable to outdoor works under various conditions.

ROAD STANDARD TRAILER

- ☑ Equipped with ring coupler, service brake and parking brake.
- ☑ Including taillight, taillight connector, taillight wiring harness and outrigger.
- ☑ The coupler of trailer is ring coupling.
- ☑ This road standard trailer is only suitable for machine from 1.5T to 3.5T; the trailer whose load is heavier than 3.5T is off-road standard.
- ☑ The maximum running speed is 80km/h.
- ☑ The coupler's height is adjustable.
- ☑ Application regions: the Middle East, Africa, Southeast Asia, South America.



OFF-ROAD STANDARD TRAILER

- ☑ Equipped with ring coupler and parking brake.
- ☑ Including reflector, rubber sealing plug, outrigger, fender, block and fixed bolt.
- ☑ The coupler of trailer is ring coupling.
- ☑ This road standard trailer is suitable for machine from 1.2T to 8T.
- ☑ The maximum running speed is 20km/h.
- ☑ The coupler's height is unadjustable.
- ☑ Those trailers are applicable to any off-road areas.



Technical Data

Spirit Series

Model	Stationary Compressors(Trailer excluded)												Trailer				Portable Compressors				
	Rated Power*		Airflow Rate*		Engine					Control System	Fuel Tank Capacity (L)	Dimension&Weight		Road Standard		Off-road Standard		Road Standard (Dimension&Weight)		Off-road Standard (Dimension&Weight)	
	psig	bar	m³/min	cfm	Brand	Model	RPM	Power(kW)	Fuel consumption -L100%load			Axle Model	Axle Structure	Axle Model	Axle Structure	L*W*H	kg				
PSA42PXD	117	8	2.5	88	POWERLINK	3D2.0A-C34	2600	25	5.2L/H	manual	75	2130x1100x1050	900	EA1.2T	Single Axle	YEA1.2T	Single Axle	3870x1565x1470	1100	3870x1565x1470	1100
PSA39TPXD	146	10	2.3	81	POWERLINK	3D2.0A-C34	2600	25	5.5L/H	manual	75	2130x1100x1050	900	EA1.2T	Single Axle	YEA1.2T	Single Axle	3870x1565x1470	1100	3870x1565x1470	1100
PSA57PXD	117	8	3.42	121	POWERLINK	4D2.3A-C41	2600	30	7.1L/H	manual	75	2130x1100x1050	1000	EA1.2T	Single Axle	YEA1.2T	Single Axle	3870x1565x1470	1300	3870x1565x1470	1300
PSA51TPXD	146	10	3.02	107	POWERLINK	4D2.3A-C41	2600	30	7.1L/H	manual	75	2130x1100x1050	1000	EA1.2T	Single Axle	YEA1.2T	Single Axle	3870x1565x1470	1300	3870x1565x1470	1300
PSA78PXD	117	8	4.65	164	POWERLINK	4D2.7A-C54	2650	40	9.0L/H	manual	75	2130x1100x1050	1100	EA1.5T	Single Axle	YEA1.5T	Single Axle	3870x1565x1470	1400	3870x1565x1470	1400
PSA68TPXD	146	10	4.09	145	POWERLINK	4D2.7A-C54	2650	40	9.0L/H	manual	75	2130x1100x1050	1100	EA1.5T	Single Axle	YEA1.5T	Single Axle	3870x1565x1470	1400	3870x1565x1470	1400
PSA32KD	117	8	1.9	67	KUBOTA	D722-E3B	3600	14.9	4.5L/H	manual	30	1560x760x850	520	EA0.75	Single Axle	YEA1.2T	Single Axle	2785x1315x1322	700	2785x1315x1322	700
PSA28TKD	146	10	1.7	60	KUBOTA	D722-E3B	3600	14.9	4.5L/H	manual	30	1560x760x850	520	EA0.75	Single Axle	YEA1.2T	Single Axle	2785x1315x1322	700	2785x1315x1322	700
PSA40KD	102	7	2.3	81	KUBOTA	D1105-T-E3B	3000	24.5	7.8L/H	manual	75	2130x1100x1050	1000	EA1.2T	Single Axle	YEA1.2T	Single Axle	3870x1565x1470	1200	3870x1565x1470	1200
PSA59KD	102	7	3.5	124	KUBOTA	D1105-T-E3B	3000	24.5	7.8L/H	manual	75	2130x1100x1050	1000	EA1.2T	Single Axle	YEA1.2T	Single Axle	3870x1565x1470	1200	3870x1565x1470	1200
PSA54KD	117	8	3.2	113	KUBOTA	D1105-T-E3B	3000	24.5	7.8L/H	manual	75	2130x1100x1050	1000	EA1.2T	Single Axle	YEA1.2T	Single Axle	3870x1565x1470	1200	3870x1565x1470	1200
PSA50TKD	146	10	3	106	KUBOTA	D1105-T-E3B	3000	24.5	7.9L/H	manual	75	2130x1100x1050	1000	EA1.2T	Single Axle	YEA1.2T	Single Axle	3870x1565x1470	1200	3870x1565x1470	1200
PSA79KD	102	7	4.7	166	KUBOTA	V1505-T-E3B	3000	33	9.5L/H	manual	75	2130x1100x1050	1050	EA1.2T	Single Axle	YEA1.2T	Single Axle	3870x1565x1470	1300	3870x1565x1470	1300
PSA74KD	117	8	4.4	155	KUBOTA	V1505-T-E3B	3000	33	9.5L/H	manual	75	2130x1100x1050	1050	EA1.2T	Single Axle	YEA1.2T	Single Axle	3870x1565x1470	1300	3870x1565x1470	1300
PSA65TKD	146	10	3.9	138	KUBOTA	V1505-T-E3B	3000	33	9.5L/H	manual	75	2130x1100x1050	1050	EA1.2T	Single Axle	YEA1.2T	Single Axle	3870x1565x1470	1300	3870x1565x1470	1300
PSA84TKD	142	10.0	5.00	177	KUBOTA	V2403-M-T-E3B	2700	44	11.8L/H	manual	75	2130x1100x1050	1100	EA1.5T	Single Axle	YEA1.5T	Single Axle	3870x1565x1470	1580	3870x1565x1470	1400
PSA72HKD	189	13.0	4.30	152	KUBOTA	V2403-M-T-E3B	2700	44	12.0L/H	manual	75	2130x1100x1050	1100	EA1.5T	Single Axle	YEA1.5T	Single Axle	3870x1565x1470	1580	3870x1565x1470	1400

Technical Data

Rhino Series

Model	Stationary Compressors(Trailer excluded)												Trailer				Portable Compressors					
	Rated Power*		Airflow Rate*		Engine				Control System	Fuel Tank Capacity (L)		Dimension&Weight		Road Standard		Off-road Standard		Road Standard (Dimension&Weight)		Off-road Standard (Dimension&Weight)		
					Brand	Model	RPM	Power(kW)				Fuel consumption -L100%load	L*W*H	kg	Axle Model	Axle Structure	Axle Model	Axle Structure	L*W*H	kg	L*W*H	k/g
	psig	bar	m³/min	cfm																		
PSA487CMD	125	8.6	29.10	1028	DCEC	6LTAA8.9-C360	2200	264	52.8L/H	PLC	780		4140x2100x1900	4400	N/A	N/A	YE4.5-6T	Double Axle	N/A	N/A	4600x2165x2465	5300
PSA432TCMD	150	10.3	25.80	912	DCEC	6LTAA8.9-C360	2200	264	51.6L/H	PLC	780		4140x2100x1900	4400	N/A	N/A	YE4.5-6T	Double Axle	N/A	N/A	4600x2165x2465	5300
PSA399HCMD	189	13.0	23.8	841	DCEC	6LTAA8.9-C360	2200	264	54.8L/H	PLC	780		4140x2100x1900	4400	N/A	N/A	YE4.5-6T	Double Axle	N/A	N/A	4600x2165x2465	5300
PSA363VCMD	248	17.0	21.70	767	DCEC	6LTAA8.9-C360	2200	264	51.0L/H	PLC	780		4140x2100x1900	4400	N/A	N/A	YE4.5-6T	Double Axle	N/A	N/A	4600x2165x2465	5300
PSA410VCMD	248	17.0	24.43	863	DCEC	6LTAA8.9-C360	2200	264	65.7L/H	PLC	780		4140x2100x1900	4400	N/A	N/A	YE4.5-6T	Double Axle	N/A	N/A	4600x2165x2465	5300
PSA472VCMD	291	20	28.20	997	DCEC	QSZ525	1800	385	76.5L/H	PLC	780		4140x2100x1900	4900	N/A	N/A	YE4.6-8T	Double Axle	N/A	N/A	4600x2165x2465	5900
PSA479VCMD	364	25	28.60	1011	DCEC	QSZ525	1800	385	82.3L/H	PLC	780		4140x2100x1900	4900	N/A	N/A	YE4.6-8T	Double Axle	N/A	N/A	4600x2165x2465	5900
PSA487CD	125	8.6	29.10	1028	CAT	C9	1800	224	50.3L/H	PLC	780		4140x2100x1900	4300	N/A	N/A	YE4.4-5-6T	Double Axle	N/A	N/A	4600x2165x2465	5200
PSA432TCD	150	10.3	25.80	912	CAT	C9	1800	224	45.3L/H	PLC	780		4140x2100x1900	4300	N/A	N/A	YE4.4-5-6T	Double Axle	N/A	N/A	4600x2165x2465	5200
PSA399HCD	189	13.0	23.8	841	CAT	C9	1800	224	52.3L/H	PLC	780		4140x2100x1900	4300	N/A	N/A	YE4.4-5-6T	Double Axle	N/A	N/A	4600x2165x2465	5200
PSA372VCD	248	17.0	21.70	767	CAT	C9	1800	224	53.9L/H	PLC	780		4140x2100x1900	4300	N/A	N/A	YE4.4-5-6T	Double Axle	N/A	N/A	4600x2165x2465	5200
PSA472VCD	291	20	28.20	997	CAT	C13	1800	318	67.7L/H	PLC	780		4140x2100x1900	4800	N/A	N/A	YE4.6-8T	Double Axle	N/A	N/A	4600x2165x2465	5900
PSA479VCD	364	25	28.60	1011	CAT	C13	1800	318	79.0L/H	PLC	780		4140x2100x1900	4800	N/A	N/A	YE4.6-8T	Double Axle	N/A	N/A	4600x2165x2465	5900
PSA472VPD	291	20	28.2	997	PERKINS	2206D-E13TAG3	1800	381	75.0L/H	PLC	780		4140x2100x1900	5000	N/A	N/A	YE4.6-8T	Double Axle	N/A	N/A	4600x2165x2465	5900
PSA479VPD	364	25	28.6	1011	PERKINS	2206D-E13TAG3	1800	381	80.6L/H	PLC	780		4140x2100x1900	5000	N/A	N/A	YE4.6-8T	Double Axle	N/A	N/A	4600x2165x2465	5900

- Notes:
1. The above data is based on standard operating condition as follows: 1bar absolute inlet pressure, 20℃ air inlet temperature, 60% relative air humidity.
 2. The pressure vessel of air compressor has obtained the standard authentication.
 3. The above air compressors have been added with engine oil, engine coolant, compressor lubricating oil and a little fuel before shipment.

PORTABLE Air Compressor



Technical Data

Eagle Series

Model	Stationary Compressors(Trailer excluded)												Trailer				Portable Compressors					
	Rated Power*		Airflow Rate*		Engine				Control System	Fuel Tank Capacity (L)		Dimension&Weight		Road Standard		Off-road Standard		Road Standard (Dimension&Weight)		Off-road Standard (Dimension&Weight)		
	psig	bar	m³/min	cfm	Brand	Model	RPM	Power(kW)				Fuel consumption -L100%/load	L*W*H	kg	Axle Model	Axle Structure	Axle Model	Axle Structure	L*W*H	kg	L*W*H	kg
PSA98PXD	117	8	5.869	207	POWERLINK	4DT3.2C-C75	2500	55	11.4L/H	PLC	150		2560x1340x1710	1565	EA2T	Single Axle	YEA2T	Single Axle	4040x1770x2330	1825	4040x1770x2330	1825
PSA96TPXD	146	10	5.707	202	POWERLINK	4DT3.2C-C75	2500	55	12.4L/H	PLC	150		2560x1340x1710	1565	EA2T	Single Axle	YEA2T	Single Axle	4040x1770x2330	1825	4040x1770x2330	1825
PSA84HPXD	189	13	5.024	178	POWERLINK	4DT3.2C-C75	2500	55	12.7L/H	PLC	150		2560x1340x1710	1565	EA2T	Single Axle	YEA2T	Single Axle	4040x1770x2330	1825	4040x1770x2330	1825
PSA136PXD	117	8	8.136	288	POWERLINK	4DT4.1C-C93	2600	68	16.3L/H	PLC	170		2560x1340x1710	1700	EA2T	Single Axle	YEA2T	Single Axle	4040x1770x2330	1960	4040x1770x2330	1960
PSA117TPXD	146	10	6.965	246	POWERLINK	4DT4.1C-C93	2600	68	15.7L/H	PLC	170		2560x1340x1710	1700	EA2T	Single Axle	YEA2T	Single Axle	4040x1770x2330	1960	4040x1770x2330	1960
PSA95HPXD	189	13	5.646	200	POWERLINK	4DT4.1C-C93	2600	68	14.7L/H	PLC	170		2560x1340x1710	1700	EA2T	Single Axle	YEA2T	Single Axle	4040x1770x2330	1960	4040x1770x2330	1960
PSA151CMD	102	7	9.02	319	DCEC	4BTA3.9-C125	2200	73	19.2L/H	PLC	170		2560x1340x1710	2200	EA3T	Single Axle	YEA3T	Single Axle	4040x1770x2330	2240	4040x1770x2330	2240
PSA145CMD	117	8.0	8.61	304	DCEC	4BTA3.9-C125	2200	73	20.5L/H	PLC	170		2560x1340x1710	2200	EA3T	Single Axle	YEA3T	Single Axle	4040x1770x2330	2240	4040x1770x2330	2240
PSA115TCMD	146	10	6.8	240	DCEC	4BTA3.9-C125	2200	73	18.3L/H	PLC	170		2560x1340x1710	2200	EA3T	Single Axle	YEA3T	Single Axle	4040x1770x2330	2240	4040x1770x2330	2240
PSA112HCMD	189	13	6.718	237	DCEC	4BTA3.9-C125	2200	73	21.1L/H	PLC	170		2560x1340x1710	2200	EA3T	Single Axle	YEA3T	Single Axle	4040x1770x2330	2240	4040x1770x2330	2240
PSA192CMD	117	8	11.46	405	DCEC	4BTA3.9-C125	2200	93	22.5L/H	PLC	170		2560x1340x1710	2200	EA3T	Single Axle	YEA3T	Single Axle	4040x1770x2330	2650	5350x2080x2220	2650
PSA164TCMD	146	10	9.80	346	DCEC	4BTA3.9-C125	2200	93	21.5L/H	PLC	170		2560x1340x1710	2200	EA3T	Single Axle	YEA3T	Single Axle	4040x1770x2330	2650	5350x2080x2220	2650
PSA141HCMD	189	13.0	8.43	298	DCEC	6BTA5.9-C180	2200	132.3	25.9L/H	PLC	380		3700x1410x1850	2700	EA3T	Single Axle	YEA3T	Single Axle	5350x2080x2220	3000	5350x2080x2220	3000
PSA230CMD	117	8.0	13.73	485	DCEC	6BTA5.9-C180	2200	132.3	35.6L/H	PLC	380		3700x1410x1850	2700	EA3T	Single Axle	YEA3T	Single Axle	5350x2080x2220	3000	5350x2080x2220	3000
PSA190TCMD	146	10.0	11.36	401	DCEC	6BTA5.9-C180	2200	132.3	26.3L/H	PLC	380		3700x1410x1850	2700	EA3T	Single Axle	YEA3T	Single Axle	5350x2080x2220	3000	5350x2080x2220	3000
PSA314CMD	117	8.0	19.20	679	DCEC	6BTA5.9-C180	2200	132.3	39.4L/H	PLC	380		3700x1410x1850	2700	EA3.5T	Single Axle	YEA3.5T	Single Axle	5350x2080x2220	3000	5350x2080x2220	3000
PSA270TCMD	146	10.0	16.30	576	DCEC	6BTA5.9-C180	2200	132.3	38.2/H	PLC	380		3700x1410x1850	2700	EA3.5T	Single Axle	YEA3.5T	Single Axle	5350x2080x2220	3000	5350x2080x2220	3000
PSA226HCMD	189	13.0	13.48	476	DCEC	6BTA5.9-C180	2200	132.3	39.1L/H	PLC	380		3900x1410x1850	2700	EA3T	Single Axle	YEA3T	Single Axle	5350x2080x2220	3000	5350x2080x2220	3000
PSA404CMD	102	7.0	24.10	852	DCEC	6CTA8.3-C240	2200	176.4	40.6L/H	PLC	450		3900x1410x1850	3200	EA3.5T	Single Axle	YEA3.5T	Single Axle	5350x2080x2220	3500	5500x2080x2220	3500
PSA360CMD	117	8.0	21.50	760	DCEC	6CTA8.3-C240	2200	176.4	38.8L/H	PLC	450		3900x1410x1850	3200	EA3.5T	Single Axle	YEA3.5T	Single Axle	5350x2080x2220	3500	5500x2080x2220	3500
PSA332TCMD	142	10.0	19.80	700	DCEC	6CTA8.3-C240	2200	176.4	40.9L/H	PLC	450		3600x1410x1850	3200	EA3.5T	Single Axle	YEA3.5T	Single Axle	5350x2080x2220	3500	5350x2080x2220	3500
PSA270HCMD	189	13.0	16.10	569	DCEC	6CTA8.3-C240	2200	176.4	40.0L/H	PLC	450		3600x1410x1850	3200	EA3.5T	Single Axle	YEA3.5T	Single Axle	5350x2080x2220	3500	5350x2080x2220	3500

Notes:
1. The above data is based on standard operating condition as follows: 1bar absolute inlet pressure, 20℃ air inlet temperature, 60% relative air humidity.

2. The pressure vessel of air compressor has obtained the standard authentication.
3. The above air compressors have been added with engine oil, engine coolant, compressor lubricating oil and a little fuel before shipment.



Technical Data

Eagle Series

Model	Stationary Compressors(Trailer excluded)											Trailer				Portable Compressors					
	Rated Power*		Airflow Rate*		Engine					Control System	Fuel Tank Capacity (L)	Dimension&Weight		Road Standard		Off-road Standard		Road Standard (Dimension&Weight)		Off-road Standard (Dimension&Weight)	
	psig	bar	m³/min	cfm	Brand	Model	RPM	Power(kW)	Fuel consumption -L100%/load			L*W*H	kg	Axle Model	Axle Structure	Axle Model	Axle Structure	L*W*H	kg	L*W*H	kg
PSA101TKD	142	10.0	6.06	214	KUBOTA	V3600-T-E3B	2600	63	14.8L/H	PLC	170	2560x1340x1710	1600	EA2T	Single Axle	YEA2T	Single Axle	4040x1770x2330	1800	4040x1770x2330	1900
PSA136KD	117	8.0	8.14	288	KUBOTA	V3600-T-E3B	2600	63	17.0L/H	PLC	170	2560x1340x1710	1600	EA2T	Single Axle	YEA2T	Single Axle	4040x1770x2330	1800	4040x1770x2330	1900
PSA100HKD	189	13	6	212	KUBOTA	V3600-T-E3B	2600	63	17.4L/H	PLC	170	2560x1340x1710	1600	EA2T	Single Axle	YEA2T	Single Axle	4040x1770x2330	1800	4040x1770x2330	1900
PSA135TKD	142	10	8.08	286	KUBOTA	V3600-T-E3B	2600	63	18.8L/H	PLC	170	2560x1340x1710	1600	EA2T	Single Axle	YEA2T	Single Axle	4040x1770x2330	1800	4040x1770x2330	1900
PSA172KD	117	8	10.27	363	KUBOTA	V3800DI-T-E3B	2600	74	19.0L/H	PLC	215	2560x1340x1710	1700	EA2T	Single Axle	YEA2T	Single Axle	4040x1770x2330	2000	4040x1770x2330	2000
PSA134HKD	189	13	8.03	284	KUBOTA	V3800DI-T-E3B	2600	74	18.4L/H	PLC	215	2560x1340x1710	1700	EA2T	Single Axle	YEA2T	Single Axle	4040x1770x2330	2000	4040x1770x2330	2000
PSA184PD	117	8.0	11.0	389	PERKINS	1104D-E44TA	2200	106.2	22.6L/H	PLC	240	3600x1410x1850	2500	EA3T	Single Axle	YEA3T	Single Axle	5350x2080x2220	2850	5350x2080x2220	2850
PSA191PD	102	7.0	11.4	403	PERKINS	1104D-E44TA	2200	106.2	22.8L/H	PLC	240	3600x1410x1850	2500	EA3T	Single Axle	YEA3T	Single Axle	5350x2080x2220	2850	5350x2080x2220	2850
PSA190TPD	142	10.0	11.4	401	PERKINS	1104D-E44TA	2200	106.2	26.8L/H	PLC	240	3600x1410x1850	2500	EA3T	Single Axle	YEA3T	Single Axle	5350x2080x2220	2850	5350x2080x2220	2850
PSA167HPD	189	13.0	11.6	410	PERKINS	1104D-E44TA	2200	106.2	26.9L/H	PLC	240	3600x1410x1850	2500	EA3T	Single Axle	YEA3T	Single Axle	5350x2080x2220	2850	5350x2080x2220	2850
PSA270PD	102	7.0	15.4	544	PERKINS	1104D-E44TA	2200	106.2	29.5L/H	PLC	240	3600x1410x1850	2500	EA3T	Single Axle	YEA3T	Single Axle	5350x2080x2220	2850	5350x2080x2220	2850
PSA281PD	117	8.0	15.3	541	PERKINS	1104D-E44TA	2200	106.2	29.5L/H	PLC	240	3600x1410x1850	2500	EA3T	Single Axle	YEA3T	Single Axle	5350x2080x2220	2850	5350x2080x2220	2850
PSA228TPD	142	10	13.62	481	PERKINS	1106D-E66TA	2200	129.5	29.8L/H	PLC	360	3700x1410x1850	3100	EA3.5T	Single Axle	YEA3.5T	Single Axle	5350x2080x2220	3500	5350x2080x2330	3500
PSA226HPD	189	13	13.48	476	PERKINS	1106D-E66TA	2200	129.5	35.8L/H	PLC	360	3700x1410x1850	3100	EA3.5T	Single Axle	YEA3.5T	Single Axle	5350x2080x2220	3500	5350x2080x2330	3500
PSA404PD	102	7	24.10	852	PERKINS	1106D-E66TA	2200	168	40.8L/H	PLC	360	3700x1410x1850	3100	EA3.5T	Single Axle	YEA3.5T	Single Axle	5350x2080x2220	3500	5500x2080x2330	3500
PSA360PD	117	8	21.50	760	PERKINS	1106D-E66TA	2200	168	39.0L/H	PLC	360	3700x1410x1850	3100	EA3.5T	Single Axle	YEA3.5T	Single Axle	5350x2080x2220	3500	5500x2080x2330	3500
PSA332TPD	142	10	19.80	700	PERKINS	1106D-E66TA	2200	168	40.8L/H	PLC	360	3700x1410x1850	3100	EA3.5T	Single Axle	YEA3.5T	Single Axle	5350x2080x2220	3500	5350x2080x2330	3500
PSA270HPD	189	13	16.10	569	PERKINS	1106D-E66TA	2200	168	40.7L/H	PLC	360	3700x1410x1850	3100	EA3.5T	Single Axle	YEA3.5T	Single Axle	5350x2080x2220	3500	5350x2080x2330	3500

Notes:

1. The above data is based on standard operating condition as follows: 1bar absolute inlet pressure, 20 ℃ air inlet temperature, 60% relative air humidity.

2. The pressure vessel of air compressor has obtained the standard authentication.

3. The above air compressors have been added with engine oil, engine coolant, compressor lubricating oil and a little fuel before shipment.