

Rocky Products Series

- Oil-injected Screw Air Compressor
- Oil-free Screw Air Compressor
- Oil-free Scroll Air Compressor
- Oil-free Screw Blower
- Post-processing Equipment



Portable Air Compressor RKY/ RKYII Series

Capacity range: 3.5-34m³/min

Pressure range: 7-30bar

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Shanghai Rocky Machinery Co.,Ltd

Portable Air Compressor

The perfect energy-saving combination: Powerful diesel engine and excellent air end.



Maximum versatility

RKY/ RKYII is ideal choice for powering equipment such as construction machinery. Meticulous construction and premium quality components ensure trouble-free operation in ambient temperatures ranging from -20°C to +45°C. Versatility is further enhanced by the chassis, which can be equipped with a fixed or height adjustable tow bar and with or without an overrun brake. Stationary versions can be installed either on skids or machine mounts.

Lightweight

Powerful doesn't necessarily mean heavy: the RKY/RKYII is exceptionally easy to manoeuvre and transport. Moreover, its larger diesel fuel capacity ensures that the compressor has more than enough power available to last an entire work shift.

Separate air filters for engine and compressor

The air filters are specifically tailored to suit required air demand and therefore ensure dependable system operation. A further important design detail is the electric fuel pump, which enables quick and simple deaeration of the diesel pipelines, thereby eliminating the need for labour-intensive manual pumping.

Optional diesel engine

Flexible diesel engine to meet the different operating environment and conditions of operation, general maintenance, regardless of the location of the compressor, customers can find a suitable supplier of parts.

User friendly

Operation is made simple via user-friendly icons and a single start switch with pre-heat function. The unit also features fully automatic monitoring and shutdown in case of malfunction, whilst a pressure gauge and air end temperature display enable all information to be viewed easily.

Low noise

Noise-proof housing design, suitable to be used in cities as it's low noise-level.

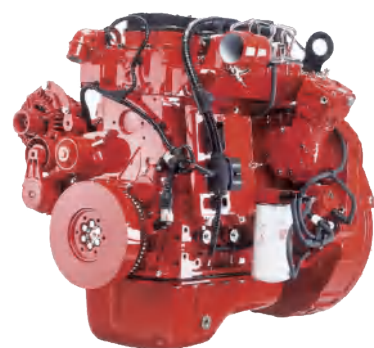
Anti-high-temperature design

The equipment can be operated normally at ambient even reaches 48°C.

More economical configuration options



The original imported Japanese-YANMAR engine is more suitable for the Rocky small-sized mobile air compressor, resulting in better fuel economy and lower noise.

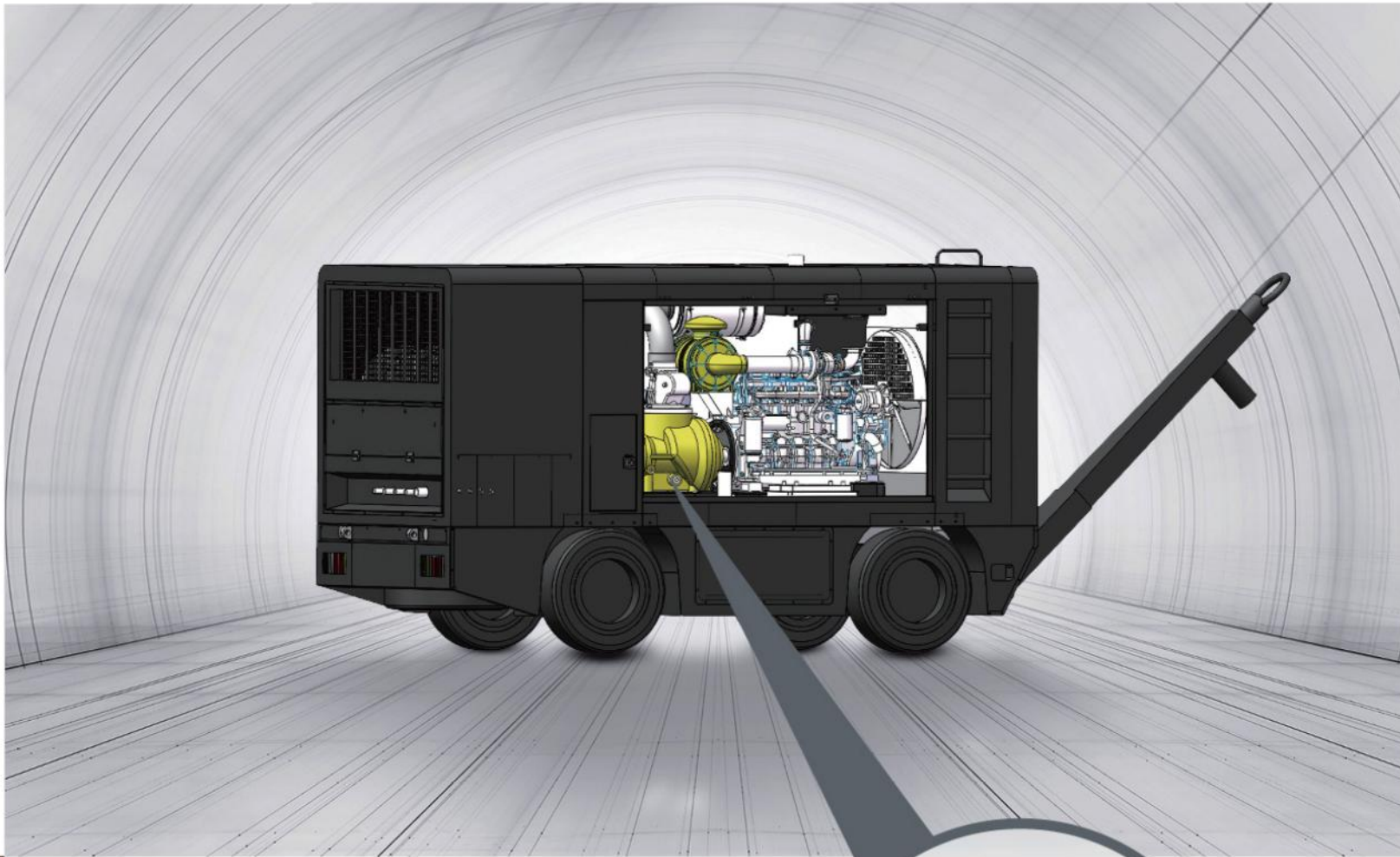


Cummins diesel engine is used in Rocky medium, large mobile air compressor, stronger power and more convenient maintenance service, which leads excellent user experience.

Moreover, we are continuously researching more true-demands from our customers and provide diversified configuration accordingly.

Neglected configuration?

Most customer do not pay attention to choose the airend equally as diesel engine while they are considering the whole configuration, however a well-made compressor is consists both of them and even more.



High-resistance and durability is Rocky Compressor's feature, hundreds user has proved our quality with hundreds working condition, stable air supply for equipment is the first factor to ensure daily production!



Rocky Portable Diesel Driven Screw Air Compressors (RKY Single-stage Series)

Model	RKY-3.5/7	RKY-5/7	RKY-6/7	RKY-10/10	RKY-10/12	RKY-12/7	RKY-12.5/14	RKY-14/14	RKY-15/15	RKY-16/17	RKY-18/17	RKY-21/10	RKY-23/14
Volume flow (m³/min)	3.5	5	6.05	10	10	12	12.5	14	15	16	18	21	23
Working pressure (Barg)	7	7	7	10	12	7	14	14	15	17	17	10	14
Fuel tank volume(L)	45	70	100	140	160	160	160	160	280	280	280	360	360
Maximum ambient temperature(℃)	50	50	50	50	50	50	50	50	50	50	50	50	50
Compression stage	1	1	1	1	1	1	1	1	1	1	1	1	1
Engine brand	YANGMA	WEICHAI	WEICHAI	CUMMINS	CUMMINS	CUMMINS	CUMMINS	CUMMINS	CUMMINS	CUMMINS	CUMMINS	CUMMINS	CUMMINS
Engine model	3TNV88	WP3.2G50E347	WP3.2G61E317	QSB3.9-C130	QSB3.9-C130	QSB3.9-C125	QSB5.9-C180	QSB5.9-C210	QSB6.7-C240	QSB6.7-C240	QSC8.3-C260	QSB6.7-C240	QSL8.9-C325
Engine power(KW)	26.8	36.8	45	97	97	93	132	154	178	194	194	178	242
Maximum engine speed(Rpm)	3000	2500	2500	2200	2500	2300	2000	2200	2000	2200	2400	2000	2100
Minimum engine speed(Rpm)	1800	1750	1750	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
Wheels Qty	2	2	2	2	2	2	2	2	4	4	4	4	4
Noise level(dB)	75±3	75±3	75±3	80±3	80±3	80±3	85±3	85±3	85±3	85±3	88±3	88±3	88±3
Overall weight (kg)	880	1200	1550	1820	1840	1860	2020	2220	2750	2780	2910	2840	3020
Dimensions(L*W*H)mm	2853*1272*1092	3230*1440*1425	3300*1570*1560	3800*1900*1900	3800*1900*1900	3800*1900*1900	4350*1960*1950	4350*1960*1950	3980*1860*2450	3980*1860*2450	3980*1860*2450	4580*1950*2500	4580*1950*2500
Air outlet (inch)	2"G3/4	G1,G3/4	G1-1/4,*G1	G1-1/2, 2"G1-1/4	G1-1/2, 2"G1-1/4	G1-1/2, 2"G1-1/4	G1-1/2, 2"G1-1/4	G1-1/2, 2"G1-1/4	G1-1/2, 3"G1-1/4	G1-1/2, 3"G1-1/4	G1-1/2, 3"G1-1/4	G1-1/2, 3"G1-1/4	G1-1/2, 3"G1-1/4

Rocky Portable Diesel Driven Screw Air Compressors (RKYII Two-stage Series)

Model	RKYII-27/12	RKYII-30/10	RKYII-18/25	RKYII-34/9	RKYII-30/12	RKYII-25/18	RKYII-25/20	RKYII-30/25	RKYII-31/20	RKYII-35/25	RKYII-34/30
Volume flow (m³/min)	27	30	18	34	30	25	25	30	31.3	35	34
Working pressure (Barg)	12	10	25	9	12	18	20	25	20	25	30
Fuel tank volume(L)	420	420	420	480	480	480	480	760	760	840	840
Maximum ambient temperature(℃)	50	50	50	50	50	50	50	50	50	50	50
Compression stage	2	2	2	2	2	2	2	2	2	2	2
Engine brand	CUMMINS	CUMMINS	CUMMINS	CUMMINS	CUMMINS	CUMMINS	CUMMINS	CUMMINS	CUMMINS	CUMMINS	CUMMINS
Engine model	QSL8.9-C325	QSL8.9-C325	QSL8.9-C325	QSL8.9-C360	QSL8.9-C360	QSL8.9-C360	QSL8.9-C360	QSZ13-C525	SZ13-C475	QSZ13-C575	QSZ13-C575
Engine power(KW)	242	242	242	264	264	264	264	391	354	429	429
Maximum engine speed(Rpm)	2100	2100	2100	2100	2100	2100	2100	1900	1900	1900	1900
Minimum engine speed(Rpm)	1500	1500	1500	1500	1500	1500	1500	1400	1400	1400	1400
Wheels Qty	4	4	4	4	4	4	4	4	4	4	4
Noise level(dB)	88±3	88±3	88±3	88±3	88±3	88±3	88±3	88±3	88±3	88±3	88±3
Overall weight (kg)	4800	5150	5310	5500	5500	5610	5230	5080	5080	7520	7560
Dimensions(L*W*H)mm	5400*2100*2550	5400*2100*2550	5400*2100*2550	5600*2100*2550	5600*2100*2550	5600*2100*2550	5650*2100*2550	5650*2100*2550	5650*2100*2550	5650*2100*2550	5650*2100*2550
Air outlet (inch)	5 pcs in total (2"G1-1/2, 2"G1-1/4, 1"G1)			5 pcs in total (2"G1-1/2, 3"G1-1/4)			5 pcs in total (2"G1-1/2, 3"G1-1/4)		5 pcs in total (2"G1-1/2, 2"G1-1/4, 1"G1)		

Remarks: The dimensions include the length of the trailer.