

« As an industry-leading manufacturer of compressed air systems, BENZAIR nationwide service network provides system services at all times. BENZA »



BENZAIR

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**BENZAIR Portable Diesel Screw
Air Compressors**

Air Volume: 3.5-34 m³/min
Air Pressure: 5-30 Bar

BENZAIR Industrial Screw Air Compressors

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

Maximum versatility

BZ-DP is ideal choice for 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 bulky: the BZ-DP is exceptionally easy to operate 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

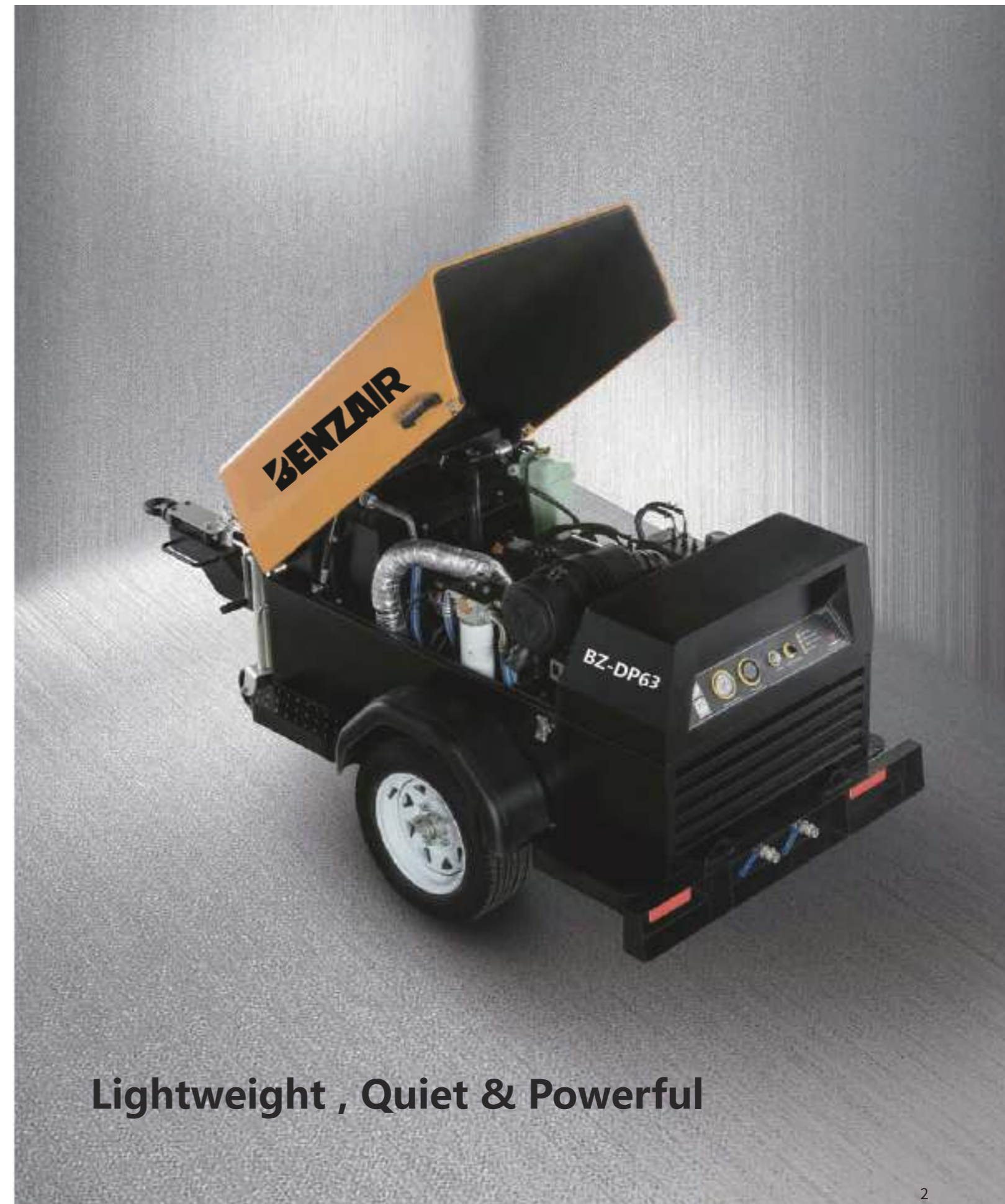
The air filters are specifically tailored to suit required air demand so that ensure dependable system operation. A further important design detail is the electric fuel pump, which enables quick and simple deaeration of the diesel lines, thereby eliminating the need for labour-intensive manual pump.

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

Simple to operate

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 at a glance.



Lightweight , Quiet & Powerful



More economical configuration options



The original imported Japanese-YANMAR engine is more suitable for the BENZAIR Air Compressors air small-sized mobile air compressor, which brings in better fuel lower noise economy and

Cummins diesel engine is used in BENZAIR Air Compressors air medium, large mobile air compressor, stronger power and more convenient maintenance service, which makes our users more convenient to use.



We will surely provide more choices according to the needs of our customers, such as: domestic diesel engines and other brands, multiple choices, is one of the customized services we are good at



Neglected configuration?

Most customers will consider how to choose the diesel engine when choosing the mobile air compressor. A high-quality mobile air compressor, stability and economy need to be composed of two important parts: diesel engine and Air end.



The most prominent feature of the BENZAIR Air Compressors is that it is sturdy and durable, and it can operate stably even under bad working conditions, and the sufficient exhaust capacity can easily drive the work of the equipment.



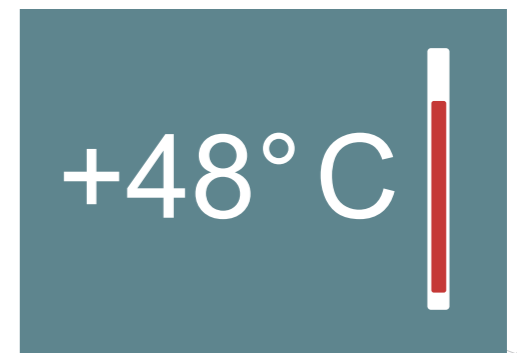
Silent Environment

The silent chassis design can maintain a good noise level even in noisy cities, avoiding environmental pollution caused by noise.



High temperature design

The equipment can operate well at ambient temperatures up to 48°C.



Single-stage compressors

m³/min Flow rate	3.5	5	6.05	10	10	12	12.5	14	15	16	18	21	23	
bar Operating pressure	7	7	7	10	12	7	14	14	15	17	17	10	14	
L Fuel tank capacity	45	70	100	140	160	160	160	160	280	280	280	360	360	
dB(A) Sound level	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	
°C Maximum ambient temperature	50	50	50	50	50	50	50	50	50	50	50	50	50	
Number of stage	1	1	1	1	1	1	1	1	1	1	1	1	1	
Diesel engine manufacturer	Yanmar (Japan)	Weichai (China)	Weichai (China)	Cummins (USA)	Cummins (USA)	Cummins (USA)	Cummins (USA)	Cummins (USA)	Cummins (USA)	Cummins (USA)	Cummins (USA)	Cummins (USA)	Cummins (USA)	
Diesel 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	
kW Engine rated power	26.8	36.8	45	97	97	93	132	154	178	194	194	178	242	
rpm Speed at full load	3000	2500	2500	2200	2500	2300	2000	2200	2000	2200	2400	2000	2100	
rpm Speed at minimum load	1800	1750	1750	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	
mm Dimensions	2853*1272*1092	3230*1440*1425	3300*1570*1560	3800*1900*1900			4350*1960*1950			3980*1860*2450			4580*1950*2500	
Number of tire	2	2	2	2	2	2	2	2	4	4	4	4	4	
Kg Operational weight	880kg	1200kg	1550kg	1820kg	1840kg	1860kg	2020kg	2220kg	2750kg	2780kg	2910kg	2840kg	3020kg	
Compressed air outlet	2*G3/4	G1, G3/4	G1-1/4, *G1	G1-1/2,2*G1-1/4					G1-1/2,3*G1-1/4					

Two-stage compressors

	BZ-DP450/12	BZ-DP500/10	BZ-DP300/25	BZ-DP570/9	BZ-DP500/12	BZ-DP420/18	BZ-DP350/10	BZ-DP500/25	BZ-DP520/20	BZ-DP 583/25	BZ-DP566/30
m³/min Flow rate	27	30	18	34	30	25	25	30	31.3	35	34
bar Operating pressure	12	10	25	9	12	18	20	25	20	25	30
L Fuel tank capacity	420	420	420	480	480	480	480	760	760	840	840
dB(A) Sound level	88±3	88±3	88±3	88±3	88±3	88±3	88±3	88±3	88±3	88±3	88±3
°C Maximum ambient temperature	50	50	50	50	50	50	50	50	50	50	50
Number of stage	2	2	2	2	2	2	2	2	2	2	2
Diesel engine manufacturer	Cummins (USA)	Cummins (USA)	Cummins (USA)	Cummins (USA)	Cummins (USA)	Cummins (USA)	Cummins (USA)	Cummins (USA)	Cummins (USA)	Cummins (USA)	Cummins (USA)
Diesel 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
kW Engine rated power	242	242	242	264	264	264	264	391	354	429	429
rpm Speed at full load	2100	2100	2100	2100	2100	2100	2100	1900	1900	1900	1900
rpm Speed at minimum load	1500	1500	1500	1500	1500	1500	1500	1400	1400	1400	1400
mm Dimensions	5400*2100*2550			5600*2100*2550				5650*2100*2550			
Number of tire	4	4	4	4	4	4	4	4	4	4	4
Kg Operational weight	4800kg	5150kg	5310kg	5500kg	5500kg	5610kg	5230kg	5080kg	5080kg	7520kg	7560kg
Compressed air outlet	2*G1-1/2,2*G1-1/4,1-G1			2*G1-1/2,3*G1-1/4				2*G1-1/2,3*G1-1/4,1-G1			