



BUMA TEC CO., LTD.
BUMA Technical Compressor



BUMATEC Portable Compressor

World Class Quality
It is BUMATEC Air Compressor

About Us ...



**Manufacturing & Supplying
of Screw Air Compressors**



**Group R&D Institute
Manufacturing & Supplying of
Foundation Equipment
Sales & Service of BUMATEC
Air Compressors in Korea**



BUMATEC CO., LTD is a corporation 100% invested by BUMA Group in Korea. And since the establishment in 2003, the company has been developing state-of-the-art air compressors with its own technology and supplying to the clients in the industry all around the world.

BUMATEC has deep and comprehensive knowledge based on experiences for a decade in the screw air compressor industry.

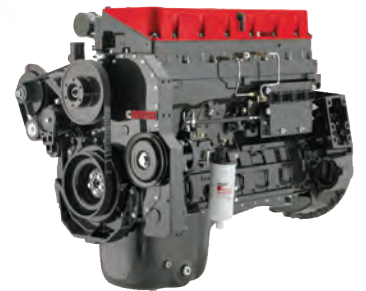


BUMA Air Compressor BUILT ON TRUST

With constant innovation and effort into R&D, the company developed permanent magnet motor type, low pressure type, 2-stage high pressure type and portable type air compressors as latest achievement. BUMATEC is trying to get close to the clients through continuous improvement in quality and service.

With the slogan of the company's philosophy "BUILT ON TRUST", we bring the client's satisfaction

BUMATEC Portable Compressor



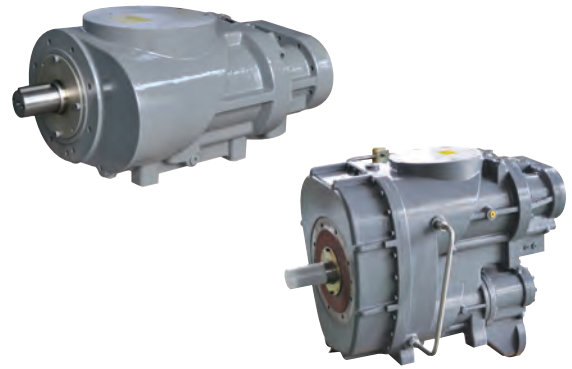
Powerful and Quality proven Engine
 BUMATEC installs CUMMINS Diesel Engine providing exceptional performance and reliability. Its brand reputation guarantee the excellent quality and global service support to customers.

BDP Series Diesel Engine Running Type

Model	BDP75	BDP90	BDP110	BDP132
Compressor				
Airend Type	Single Stage	Single Stage	Single Stage	Single Stage
Free Air Delivery (m ³ /min)	8	8 / 9.6	10 / 12	17 / 15 / 12
Rated Operating Pressure (kg/cm ²)	8	10 / 8	13 / 8	8 / 13 / 14
Air Outlet	40A x 1, 25A x 1	40A x 1, 25A x 1	40A x 1, 25A x 1	40A x 1, 25A x 1
Engine				
Brand / Model	Cummins / 4BT3.9-C105	Cummins / 4BT3.9-C125	Cummins / 6BT5.9-C150	Cummins / 6BT5.9-C180
No. of Cylinders	4	4	6	6
Rated Output (kW/HP/rpm)	75/105/2200	90/125/2200	110/150/2000	132/180/2000
Fuel Tank Capacity (Liter)	100	100	160	160
Lubricant Oil Capacity (Liter)	45	45	60	60
Dimension & Weight				
Overall Length (mm)	2700	2700	3300	3300
Overall Width (mm)	1600	1600	1600	1600
Overall Height (mm)	1700	1700	2100	2100
Ground Clearance (mm)	280	280	240	240
Weight - Dry (kg)	1966	2066	2665.6	2765.6
Weight - Gross (kg)	2050	2150	2800	2900
Number of Wheel	2	2	4	4
Tire Size	155R13LT	155R13LT	155R13LT	155R13LT

Energy Saving Airend

With new and exclusive design of BUMATEC's screw rotor which has been passed through the accurate machining process and test, it improves efficiency of airend and optimizes the airflow. Through the direct drive from the motor to the rotor of the airend (1:1 Direct Drive), it prevents transmission loss, makes remarkable energy saving and reduces maintenance cost. Single stage airend is available up to 17bar pressure.



Operator-friendly Control Panel

Major operations can be monitored in the digital display and it is easy to control for operator. And protection warning alarm is shown once the abnormal condition is occurred such as coolant & fuel shortage, over pressure and over speed, etc. And its shut down system protects machine and production perfectly.



Excellent Cooling System

BUMATEC's unique structure of compressor and air cooling system designed by air flow simulation is featuring of keeping optimized air flow condition inside and cooling compressed air in outlet.



Model	BDP176	BDP190	BDP240	BDP260
Compressor				
Airend Type	Single Stage	Single Stage / Double Stage	double stage	double stage
Free Air Delivery (m ³ /min)	17 / 20	17 / 18	23.8 / 25	22 / 25
Rated Operating Pressure (kg/cm ²)	14 / 8	17 / 19	17 / 14	21 / 20
Air Outlet	50A x 1, 32A x 1, 20A x 1	50A x 1, 32A x 1, 20A x 1	50A x 2	50A x 2
Engine				
Brand / Model	Cummins / 6CTA8.3-C240	Cummins / 6CTA8.3-C260	Cummins / 6LTAA8.9-C325	Cummins / 6LTAA8.9-C360
No. of Cylinders	6	6	6	6
Rated Output (kW/HP/rpm)	176/240/1800	190/260/1800	240/325/1800	260/360/1800
Fuel Tank Capacity (Liter)	380	380	450	450
Lubricant Oil Capacity (Liter)	85	85	120	120
Dimension & Weight				
Overall Length (mm)	3500	3500	4000	4000
Overall Width (mm)	1900	1900	2000	2000
Overall Height (mm)	2200	2200	2500	2500
Ground Clearance (mm)	285	285	300	300
Weight - Dry (kg)	3380.8	3460.8	4272	4272
Weight - Gross (kg)	3700	3780	4650	4650
Number of Wheel	4	4	4	4
Tire Size	6.5-16	6.5-16	7.5-16	7.5-16

BUMATEC Portable Compressor



High Efficiency Motor

Specially customized electric motors have been used for BUMATEC Air Compressors. To increase the power efficiency, BUMATEC has been using frequency conversion motor which is controlled by loading / unloading. Through reducing energy conversion loss and preventing temperature rising, the motor is able to sustain longer life time without breaking down or burning out.

Through the application of SKF bearing and high protection of IP54 grade, it has maximized the product's life cycle.

BEP Series Electric Motor Running Type

Model	BEP75			BEP90			BEP110			BEP132			BEP160		
Compressor															
Free Air Delivery (m ³ /min)	13	11	10	16	14.5	12	20	17	14	23	21	17	27	25	20
Rated Operating Pressure (kg/cm ²)	8	10	13	8	10	13	8	10	13	8	10	13	8	10	13
Air Outlet	40A x 1, 25A x 1			40A x 1, 25A x 1			50A x 1, 32A x 1			50A x 1, 32A x 1			40A x 1, 25A x 1		
Motor															
Rated Output (kW/HP)	75/100			90/125			110/150			132/180			160/215		
Service Vector	1.2			1.2			1.2			1.2			1.2		
Pole/rpm	4/1750			4/1750			4/1750			4/1750			4/1750		
Lubricant Oil Capacity (Liter)	35			40			60			60			100		
Dimension & Weight															
Overall Length (mm)	3120			3120			3350			3350			3650		
Overall Width (mm)	1650			1650			1600			1600			1800		
Overall Height (mm)	2050			2050			2100			2100			2320		
Ground Clearance (mm)	280			280			300			300			300		
Weight - Gross (kg)	2300			2500			3000			3500			4200		
Number of Wheel	2			2			4			4			5		
Tire Size	155R13LT			155R13LT			155R13LT			155R13LT			6.5-16		

The above specification is based on Electricity 380V/50Hz.

Waterproof Electric Cabinet

To be suitable for operating outside, the electric cabinet is designed and made in waterproof protection.



Energy Saving Air Intake Valve

On/Off is available and 0~100% stepless capacity control reduces fuel consumption. It is equipped with check-valve so that it protects back flow of lubricant oil.

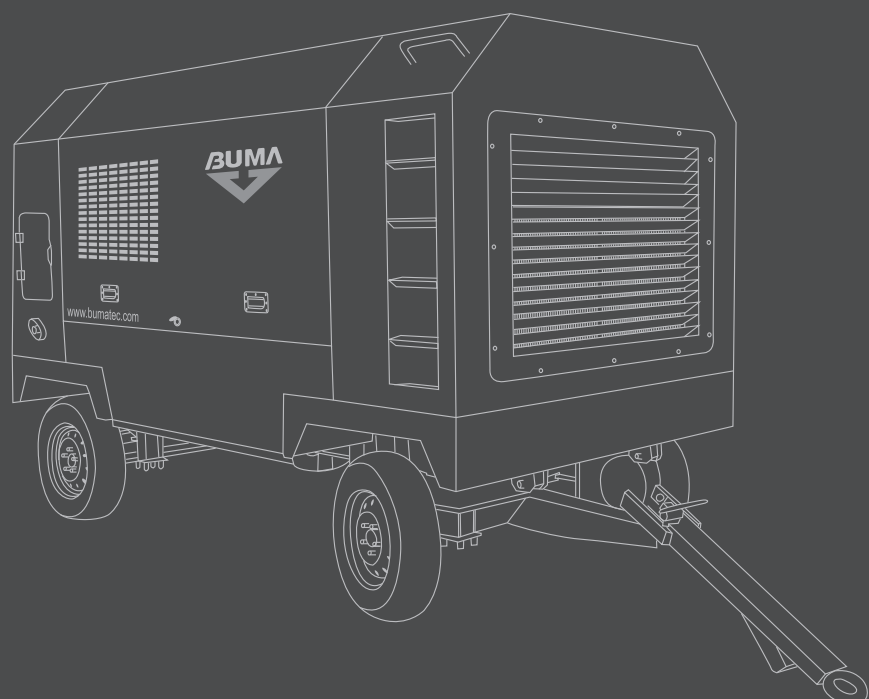


PLC Intelligent Control System

Operating condition in real-time is able to be monitored such outlet temperature, pressure, lubricant oil temperature, lubricant pressure and flow, etc.



BEP185			
30	27	24	18
8	10	13	17
40A x 1, 25A x 1			
185/250			
1.2			
4/1750			
100			
3650			
1800			
2320			
300			
4500			
4			
6.5-16			



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All technical data are purely indicative and subject to change for improvement without notice.



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