

Product Brochure

Blastline Portable Compressors

185-7 | 250-10 | 425-10 | 800-10

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 **BLASTLINE®**

Product Description

Blastline Compressors are renowned for their exceptional performance and reliability in various industrial applications. Known for their robust construction and cutting-edge technology, these compressors efficiently handle high-pressure tasks, making them an essential tool in sectors such as manufacturing, construction, and automotive services. Blastline Compressors are designed to deliver consistent air flow and pressure, ensuring uninterrupted operations and optimal productivity. Their user-friendly interface and low maintenance requirements make them a cost-effective solution for businesses seeking durable and efficient air compression systems. With a commitment to quality and innovation, Blastline continues to set the standard in compressor technology.

Core Advantages

01 Cost?

1. The volumetric efficiency of the main engine is greater than or equal to 95%, and it has good compensation ability in the axial, radial, and angular directions. The bearing adopts the world brand SKF, and the service life of the compressor is longer.
2. In the case of personnel rotation, the fuel consumption in the standby state is low and the cost is reduced.
3. The Cummins engine adopts an ultra-high pressure fuel pump, more complete combustion under high fuel injection pressure, less energy loss, and 25% energy saving.

02 Efficiency?

1. The air consumption is stable, and the user can adjust the intake flow steplessly according to the air consumption so that it can work in the best state under any circumstances.
2. The exhaust port is ready to use, and there are multiple ports of different sizes, which can be connected to sandblasting and breathing equipment at the same time.

03 Air Quality?

1. BLASTLINE air filter, the cleanliness is as high as 99.9% and can remove particles above 3μ.
2. BLASTLINE oil and gas separator, air circuit and oil circuit isolation design, air oil content ≤ 3ppm.
3. After-cooler, effectively controls the temperature of the air.

04 Anti-corrosion?

BLASTLINE adopts anti-corrosion finish paint and stainless steel parts to make the machine adapt to work in a corrosive environment.

05 Noise?

BLASTLINE double shock absorption of the main engine and the wheel shaft ensures the smooth operation of the compressor and reduces the noise during the sandblasting operation.

FUEL SAVING

UP TO  25%

Air Oil Content

 ≤3ppm

Dust Filter

 ≥99.9%

Product Line up

BLPC 185-7
185CFM @ 7Bar



BLPC 250-10
250CFM @ 10Bar



BLPC 425-10
425CFM @ 10Bar



BLPC 800-10
800CFM @ 10Bar



BLPC 185-7

Technical data

MACHINE		
Free air delivery	m ³ /min	5
	cfm	180
Normal working pressure	bar(g)	7
	psig	102
Maximum design pressure	bar(g)	7
	psig	102
Dimensions(without towbar)	L(mm)	2210
	W(mm)	1410
	H(mm)	1365
Weight	kg	900
Wheel qty		2
Size and No. of outlet valves		1"×1
		3/4"×2
DIESEL ENGINE		
Manufacturer		Yanmar
Model		4TNV94L
Rated power	kW	34.6
	hp	47
Type	Turbocharged, Charge air cooling	
Bore*Stroke*No. of cylinders	mm	94*110*4
Engine speed (nominal)	RPM	2400
Engine speed (unloaded)	RPM	1400
Engine oil capacity	L	7
Coolant capacity	L	8
Storage battery current CCA		670
Fuel tank capacity	L	70
COMPRESSOR		
Compressed air vessel capacity	L	30
Lubricant capacity	L	15



BLPC 250-10

Technical data

MACHINE		
Free air delivery	m ³ /min	7
	cfm	250
Normal working pressure	bar(g)	10
	psig	145
Maximum design pressure	bar(g)	10
	psig	145
Dimensions(without towbar)	L(mm)	3250
	W(mm)	1650
	H(mm)	1650
Weight	kg	1500
Wheel qty		2
Size and No. of outlet valves		1"1
		2*3/4"
DIESEL ENGINE		
Manufacturer		Yanmar
Model		4TNV98T
Rated power	kW	60
	hp	80
Type	Turbocharged, Charge air cooling	
Bore*Stroke*No. of cylinders	mm	102*120*4
Engine speed(nominal)	RPM	2500
Engine speed (unloaded)	RPM	1800
Engine oil capacity	L	10
Coolant capacity	L	20
Storage battery current CCA		670
Fuel tank capacity	L	190
COMPRESSOR		
Compressed air vessel capacity	L	48
Lubricant capacity	L	25



BLPC 425-10

Technical data

MACHINE		
Free air delivery	m ³ /min	12
	cfm	425
Normal working pressure	bar(g)	10
	psig	145
Maximum design pressure	bar(g)	10
	psig	145
Dimensions(without towbar)	L(mm)	3740
	W(mm)	2110
	H(mm)	2240
Weight	kg	3000
Wheel qty		2
Size and No. of outlet valves		2"×1
		1"×2 3/4"×1
DIESEL ENGINE		
Manufacturer		Cummins
Model		6BT5.9-C150
Rated power	kW	110
	hp	150
Type	Turbocharged, Charge air cooling	
Bore*Stroke*No. of cylinders	mm	102*120*6
Engine speed(nominal)	RPM	2300
Engine speed (unloaded)	RPM	1400
Engine oil capacity	L	16.3
Coolant capacity	L	30
Storage battery current CCA		670
Fuel tank capacity	L	190
COMPRESSOR		
Compressed air vessel capacity	L	155
Lubricant capacity	L	50



BLPC 800-10

Technical data

MACHINE		
Free air delivery	m ³ /min	23
	cfm	800
Normal working pressure	bar(g)	10
	psig	145
Maximum design pressure	bar(g)	10
	psig	145
Dimensions(without towbar)	L(mm)	3920
	W(mm)	1800
	H(mm)	2380
Weight	kg	4400
Wheel qty		4
Size and No. of outlet valves		2-1/2"*2
		1"*2
DIESEL ENGINE		
Manufacturer		Cummins
Model		6CTA8.3-C260
Rated power	kW	194
	hp	260
Type	Turbocharging, Charge air cooling	
Bore*Stroke*No. of cylinders	mm	114*135*6
Engine speed(nominal)	RPM	2100
Engine speed (unloaded)	RPM	1400
Engine oil capacity	L	27.6
Coolant capacity	L	55
Storage battery current CCA		720
Fuel tank capacity	L	400
COMPRESSOR		
Compressed air vessel capacity	L	189
Lubricant capacity	L	90



Note



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