


hurricane Compound Compressors


Air or Nitrogen



**Models: SBM12-44
SBM18-44**



 **hurricane** compressors are second-to-none. They are smaller, lighter and still pack as much power as the larger and heavier comparable units available in the marketplace today.

Our quality control and turnkey manufacturing process guarantee excellence, while superior engineering and design help drive custom solutions for our customers. Every feature that is built into our compressors shows you the experience, the power, the quality... *the  hurricane difference.*

Over 40 years of experience has taught us to maximize every component. This compound compressor combines a screw compressor with a reciprocating booster and is designed for offshore seismic exploration below the seabed floor.

Atlas Copco

Specifications

Compound Compressor	SBM12-44/3000	SBM18-44/2700
Booster type	Model 276 4 cylinders reciprocating	
Drive engine	Caterpillar C12 Marine 385 bhp @ 1800 rpm	Caterpillar C18 "A" Marine 595 bhp @ 1800 rpm
Booster stages	3	
Screw compressor (psi / bar)	From Atmosphere to 150 / 10	From Atmosphere to 165 / 12
Max discharge pressure (psi / bar)	3000 / 207	2700 / 186
Capacity (cfm / m ³ /min)	500 / 14	800 / 23
Booster oil capacity (gal / l)	2.25 / 9	
Engine oil capacity (gal / l)	7.5 / 28	18 / 68
Screw compressor oil capacity (gal / l)	20 / 76	14.5 / 55
Primary fuel tank capacity (gal / l)	112 / 424	N/A
Secondary fuel tank capacity (gal / l)	30 / 114	N/A
Max operating ambient temperature (°F / °C)	125 / 52	
Wet weight (lb / kg)	12,600 / 5,715	15,540 / 7,049
Overall dimensions, L x W x H (in / cm)	132 x 71 x 84 / 335 x 180 x 213	170 x 83 x 90 / 432 x 211 x 229
Discharge connection	1" npt	

Standard Features

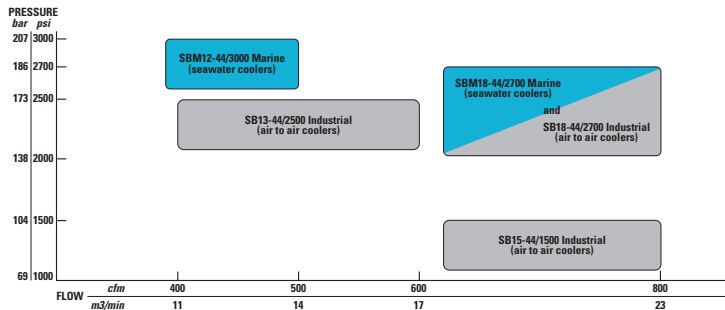
- Automatic and manual compressor load/unload
- Engine and screw compressor are equipped with belt drive pumps and seawater coolers
- 2nd stage, 3rd stage and 4th stage separator tank
- Four point lifting
- 24 volt DC starting and operating system
- 1st, 2nd, 3rd and 4th stage discharge safety relief valves
- Full function instrument panel monitoring all pressures, temperatures and controls with full protection shutdown and fault indicators

Options

- Cold weather kit
- Customer specific options, other capacities and pressures available, consult Hurricane sales

Other options, pressures, capacities: available on request

Compound Compressor Range



Never use compressed air as breathing air without prior purification in accordance with local legislation and standards.

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