

# SB Tank Mounted Air Compressors with Air Dryer

5.5hp – 20hp

Compressor, Tank and Dryer all in one unit ensures minimal footprint with maximum quality compressed air.

5 Year / 10,000h warranty

Dryer before air receiver ensures the storage of dry air. Any large bursts of required air will always be dry.

Phase reversal protection, Overheat protection, Motor TH Protection, Emergency stop protection, Pressure protection

Very quiet full load operation – standard conversation can be held right next to the machine.

## DESCRIPTION

The SB SERIES utilizes a unique Poly-V belt-driven system with cast-iron taperhub pulleys. This always ensures the highest reliability in any work condition, minimizing power losses and guaranteeing a low noise level for each revolution and a perfect alignment of the rotating elements. Thanks to the system of sliding plate for the electric motor, the belt tightening process is far more efficient and accessible, allowing for an accurate adjustment.

The SB SERIES combines the benefits of a compact screw compressor, with low installation and management costs and excellent performance.

Total function control through a user-friendly electronic board ensures customers can navigate the control board with ease to change pressure settings and operational times.

Reduced overall dimensions and simplified installation are a win to customers looking to overcome space problems and reduce noise output to a whisper. Cost savings are huge.



MODEL	MOTOR POWER		TANK	PRESSURE		FLOW RATE		SOUND	POWER	OUTLET	DIMENSIONS	WEIGHT	D-CURVE BREAKER
SB	kW	Hp	LT	Bar	Psi	l/min	C.F.M	dB(A)	V/H/PH	BSP	L x W x H (mm)	Kg	Amps
SB055-27D	4	5.5	270L	8	116	550	20	65	400/50/3	½"	1490 x 600 x 1470	272	20
				10	145	490	18						
				13	188	381	14						
SB075-27D	5.5	7.5	270L	8	116	805	29	66	400/50/3	½"	1490 x 600 x 1470	272	25
				10	145	690	25						
				13	188	561	20						
SB100-27D	7.5	10	270L	8	116	1170	42	66	400/50/3	½"	1490 x 600 x 1470	316	25
				10	145	980	35						
				13	188	785	28						
SB150-50D	11	15	500L	8	116	1610	57	68	400/50/3	¾"	1900 x 690 x 1610	410	32
				10	145	1462	52						
				13	188	1166	42						
SB200-50D	15	20	500L	8	116	2090	75	68	400/50/3	¾"	1900 x 690 x 1610	435	32
				10	145	1990	71						
				13	188	1600	57						



### COMPACT AIR-ENDS INTEGRATED IN JUST ONE SYSTEM

Top-level pumping system with integrated unit guarantees greatly reduced overall dimensions and the ability to produce large outputs in a compact, clean combination unit:

- Oil-injected air-end
- Minimum pressure valve
- Thermostatic valve
- Intake valve
- Tank separator
- These air-ends ensure little wear-and-tear, high efficiency, long-lastingness and reliability.

### DRIVING SYSTEM

Coupling of electrical engine with compression unit has to guarantee driving stability during a work phase and the entire compressor life.

The plate system with sliding electrical motor is designed to prevent stress to rotating parts. Our machine utilizes a unique Poly-V belt-driven system with cast-iron taper-hub pulleys, always ensuring the utmost reliability in any work condition and limits power loss with low noise level of rotating elements together with their perfect alignment. Moreover, an easy system of belt tightening, allows an accurate adjustment of the belt itself.

### HIGH PERFORMANCE ELECTRIC MOTOR

The electric motor invested into the combination compressor is a PREMIUM EFFICIENCY IE3. It guarantees compliance with the MEPS specified by the EU community. This first-class performance guarantees energy savings over time and the best-in-class reliability of a high standard certified product

### AIR-OIL COOLER

The SB Series Combination models, with a large intake and exchange surface is designed to maintain a low level of flows or noticeable air movement even in an environmental condition with high temperatures. Vacuum-brazed radiators in aluminium alloy with highly efficient tubular parts ensure the most premium and effective cooler in the range.

### SYSTEM OF AIR PRE FILTER AND VENTILATION

The SB Series includes a mounted pre-filter that guarantees the protection of internal component by filtering all the machine air intake from dust, dirt, shavings and pollutants that will prematurely clog the air filter. A high flow-rate electrical fan, almost noise-free, circulates and pushes all air flow into just one point, ensuring the right thermal balance for all the internal components.

### ELECTRONIC CONTROL BOARD

Based on direct, user-friendly reading, all machine functions are run safely through a microprocessor, from the control of safety alarms (oil temperature, electrical engine, control of cooling electrical fan, maintenance time) to command systems (start-stop, alarm reset). The access to all microprocessor functions is protected by password (supplied only to authorized staff).

### NOISE KEPT AT A MINIMUM

The SB SERIES is fitted with a professional grade double thickness soundproofing foam with fire retardant and oil resistant characteristics for maximum protection and easy cleaning.