



SPINN 2.2-7.5

Oil Injected Screw Compressors

Never misses a beat



SPINN 2.2-7.5 Oil Injected Screw Compressors

Increased performance, reduced energy consumption. Yet, still the same legendary reliability.

Comfort at work is essential. For this reason, ABAC has developed a compact screw compressor with significantly lower noise levels, allowing you to install it close to the point of use. Easy to use, high performance levels and simple to maintain: the SPINN is ideal for a wide variety of installation environments including metalworking, woodworking, stone working and sandblasting - all applications handled with ease due to the efficient and reliable screw air compressor.

The SPINN 2.2-7.5 range offers significantly improved performance against other brands in the marketplace. Renowned for its reliability the SPINN Oil Injected Screw platform is the perfect partner for professionals as well as manufacturing businesses who rely

on higher usage or continuous running conditions. Further improved with the new options to now facilitate intermittent duty cycle applications. A plug-and-play approach goes hand in hand with easy to use functional control, offering smart support including

challenging environments where ambient temperatures can reach up to 46 °C. The ABAC SPINN range provides excellent savings on installation and piping costs, along with a compact design and efficient in energy consumption.



Benefits and features

Improved performances

The all new air-end delivers high performance and low energy consumption, generating 15% more air and consumes 12% less energy. With a significant reduction in noise and vibration levels, thanks to an automated, quality-controlled assembly process, preventing human error to ensure

maximum consistency in performance and reliability..

Highly efficient

New IE3 motors with 100% duty cycle and IP55 protection significantly improves performance. The combination of the latest screw air-end and high efficiency motor, coupled with the

reliable vertical belt transmission, helps to achieve remarkable performance for this power range.

Extremely reliable

Robust design, this plug-and-play solution, comes with removable panel for easy service, the option of a integrated dryer and optional oil heater



New air-end



New motor



Intuitive controller



New refrigerant gas



More options

prevents condensation, suitable for low load conditions whilst withstanding ambient temperatures up to 46 °C.

Easy to use

An intuitive control panel makes the compressor easy to use: all the information you need to operate your compressor is available at a glance. Additional features include running and loaded hours, remote start/stop, automatic restart, and failure warnings, allowing you flexibility and total control.

Workshop comfort

With its low noise level and small footprint, it's your perfect working partner. Can be placed alongside the application, minimising pressure drops and avoiding expensive pipework runs.

Designed with the environment in mind

The new, eco-friendly R513A refrigerant gas delivers -55% GWP (Global Warming Potential).

The low-pressure drop inside the dryer and receiver reduces the dryer's load, therefore significantly cutting power consumption.





Exceptional condensation prevention

If you only use your compressor occasionally, then investing in a system that prevents condensation build-up within the compressor is a very wise choice.

The options available with our SPINN range are ideal for eliminating the risk of condensation, it has unique features such as an oil heater, tropical thermostat, and a 500-litre receiver.

The genuine benefits of screw air compressors

If you are still undecided about whether to invest in piston or screw compression technology for your business, our SPINN 2.2-7.5 offers enormous benefits in a smaller working environment. Both noise and air quality are vastly improved thanks to its unique rotary screw technology.



Sustained and continuous working

There is no need to worry about allowing for compressor 'cooling down' periods, the SPINN can be used continuously throughout the day and therefore improving productivity.



A higher level of air quality

Not only is the air quality cleaner when using a SPINN compressor, but it also helps to protect your pneumatic tools. With an oil carry-over of less than 5 parts per million, typically six times less than a piston compressor, maintenance on downstream equipment is significantly reduced or eliminated.



Reduced power consumption

Thanks to advanced compression technology, the SPINN generates air more efficiently than other conventional piston compressors.



A quieter workplace

The SPINN 2.2-7.5 produces only 61 to 68 dB(A). Piston compressors have an average sound level that is 20 dB(A) louder.

Technical specifications

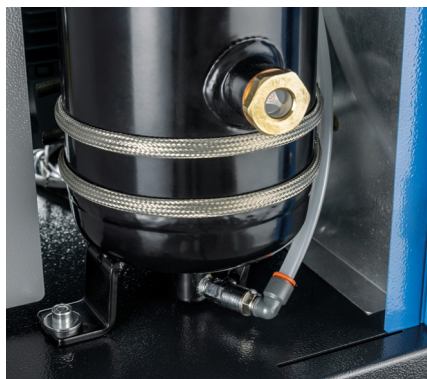
Model	Max working pressure		Fad*		Motor power		Noise level*
	bar	psi	l/min	cfm	kW	HP	dB(A)
SPINN 2.2	8	116	366	12.9	2.2	3	61
	10	145	294	10.4			
SPINN 3	8	116	474	16.7	3	4	61
	10	145	366	12.9			
SPINN 4	8	116	600	21.2	4	5,5	62
	10	145	516	18.2			
SPINN 5.5	8	116	888	31.4	5.5	7.5	66
	10	145	780	27.5			
SPINN 7.5	8	116	1062	37.5	7.5	10	68
	10	145	984	34.7			

Options

Food grade oil	For food and beverage applications
Line filter G	Coalescent filter with maximum OCO 0.3 mg/m3
Tropical thermostat	Keeps oil temperature high while compressor is running to minimize condensation
Wooden crate	To increase safety of transportation on short routes
Wooden Box	Strong wooden box for safe transportation
Wooden Box for 500L	For versions with 500L tank
Test certificate	Performance data validation
Upgrade to 500 tank	Unit with 500L tank for more air storage, longer running off load, less condensation
Oil heater	Keeps oil temperature constant while compressor is in unload or idle run to minimize condensation
Timer drain on tank	Minimizes air losses and keeps the condensate level low in the tank



Timer drain



Oil heater

Line Filter Option



Dimensions

Version	Model	Length	Width*	Height	Weight	Connect.
Base-mounted	SPINN 2.2	620	630	950	110	G 3/4"
	SPINN 3				115	
	SPINN 4				120	
	SPINN 5.5				130	
	SPINN 7.5				140	
Tank-mounted 200L	SPINN 2.2	1430	600	1260	165	G 3/4"
	SPINN 3				170	
	SPINN 4				175	
	SPINN 5.5				185	
	SPINN 7.5				195	
Tank-mounted 270L	SPINN 2.2	1540	600	1350	180	G 3/4"
	SPINN 3				185	
	SPINN 4				190	
	SPINN 5.5				200	
	SPINN 7.5				210	
Tank-mounted 500L (option)	SPINN 2.2	1940	605	1500	-	G 3/4"
	SPINN 3					
	SPINN 4					
	SPINN 5.5					
	SPINN 7.5					
Tank-mounted 200L with dryer	SPINN 2.2	1430	600	1260	190	G 3/4"
	SPINN 3				195	
	SPINN 4				200	
	SPINN 5.5				210	
	SPINN 7.5				215	
Tank-mounted 270L with dryer	SPINN 2.2	1540	600	1350	205	G 3/4"
	SPINN 3				210	
	SPINN 4				215	
	SPINN 5.5				225	
	SPINN 7.5				240	
Tank-mounted 500L with dryer (option)	SPINN 2.2	1940	605	1500	-	G 3/4"
	SPINN 3					
	SPINN 4					
	SPINN 5.5					
	SPINN 7.5					



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