ABAC
AIR COMPRESSORS



Unleash efficiency, trust reliability!

Spinn 2.2–7.5 Variable Speed / Fixed Speed



www.abacaircompressors.com

Introducing Spinn 2.2–7.5

Improved productivity, reduced energy consumption, and a lasting reputation for steadfast reliability.

The ABAC Spinn screw compressor is an excellent choice for those seeking comfort and efficiency at work.

This compact compressor boasts significantly lower noise levels, making it easy to install close to the point of use.

With its high-performance levels and simple maintenance, the Spinn is versatile and can be installed in various environments such as metalworking, woodworking, stoneworking, and sandblasting. Its efficiency and reliability ensure that all applications are handled with ease.



Revolutionizing savings and sustainability for a brighter future.

The ABAC Spinn 2.2-7.5 VSD compressors are the ultimate solution for reliable and long-lasting performance.

Thanks to their innovative technology, they are more dependable than ever before.

With Variable Speed Drive, these compressors can operate at lower speeds, which means less wear and tear on their components.

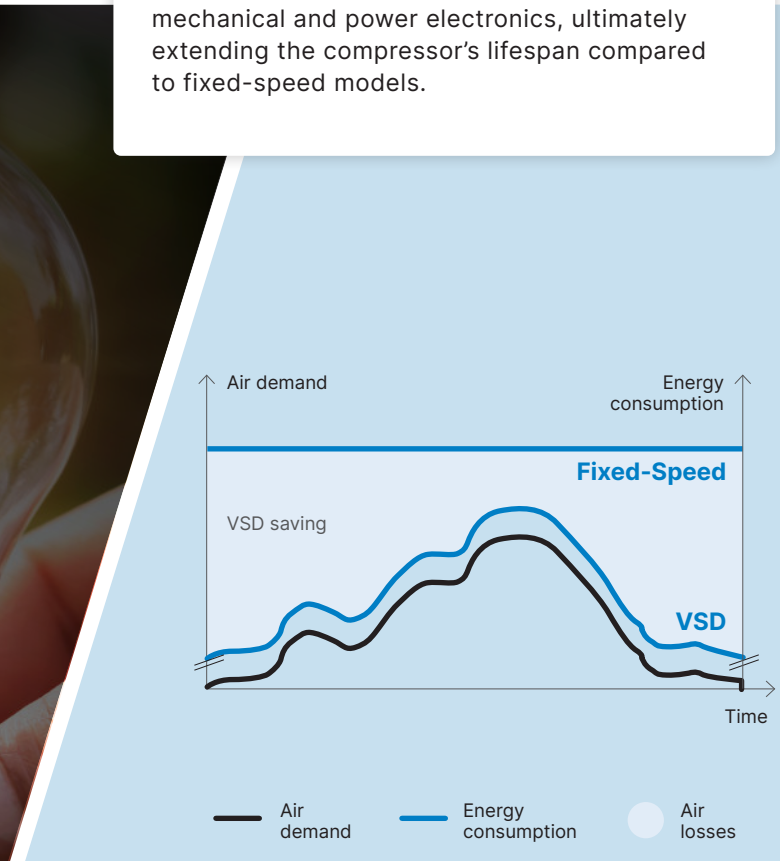
Your compressor no longer runs at 100% capacity when not needed.

Unlike compressors continuously running at maximum speed, VSD compressors experience lower peak currents and load surges, thanks to soft and controlled starts/stops.

This helps to reduce the stress on the mechanical and power electronics, ultimately extending the compressor's lifespan compared to fixed-speed models.

With the ABAC Spinn 2.2-7.5 VSD compressors, experience the highest levels of efficiency and reliability!





Reduced power consumption

Spinn 2.2–7.5 Variable Speed

Revolutionizing air compression for a better tomorrow.

Upgrade your compressor game with Spinn 2.2-7.5 Variable Speed Drive!

Save up to 30% on energy costs while enjoying the latest and greatest technology for a new generation.



// Reliability

Rev up your motors with ease! Our soft starter delivers controlled and gradual acceleration for your motor, with up to 80% less force on main components during start-up than at fixed speed. Say goodbye to mechanical stress on your motor and bearings and hello to smooth sailing!

// Savings

Save up to 30% on energy with our latest Spinn model compared to fixed speed models! With advanced features that boost efficiency, you can enjoy maximum savings while still getting the needed performance.



// Small & Silent

Our compressor is designed for quiet operation at just 57 dB(A). Its compact footprint and our all-in one solution provide ample air storage and flexible installation options, making it perfect for use on your production floor without causing distractions.

// Robust

Designed with a plug-and-play installation solution and suitable for intermittent operation, it can withstand ambient temperatures up to 46°C with a wide range of options.

Introducing the all-in-one VSD compressor, with a range of features designed to make your life easier.

Main features

The force driving the product

Next generation air end technology



- Our advanced screw air end ensures uninterrupted operation, eliminating the need for cool-down intervals. Engineered in-house for greater air delivery efficiency

IE3 Motor

- Efficient power consumption
- Proven component with outstanding dependability

New INFOLOGIC$_2$ connect controller



- Simple setup, monitoring, and control
- Uptime increased thanks to the successful integration of notification and shutdown alarm systems

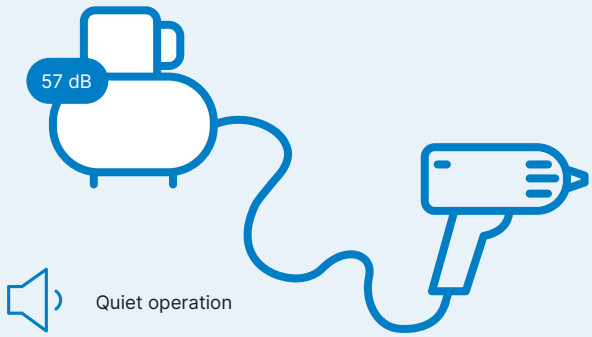
Inverter



- Modulation of speed
- Reduce stress on main components
- Reliable and well-known supplier

Benefits of installing on-site

Thanks to its quiet operation and integrated design, the Spinn VSD can be installed near the point of use without requiring a separate compressor room, saving on floor space, piping, and installation costs.



Quiet operation

Saving on floor space

Save on investment costs /
Save on operational costs

- ✓ Minimal pressure drops
- ✓ Higher FAD

Introducing the INFOLOGIC$_2$ connect controller - the ultimate solution for hassle-free compressor operation!

The state-of-the-art Infologic2 connect controller provides the following benefits to optimize the performance of your compressor:

- Large, intuitive display
- Delayed Second Stop energy savings
- Real-time warnings and shutdown alarms
- Service status, history and notifications
- Easily adjust pressure band settings



Spinn 2.2–7.5 Fixed Speed

Looking for a reliable Oil Injected Screw compressor that can handle continuous duty cycle applications?

Look no further than Spinn 2.2-7.5 Fixed Speed!

With significantly improved performance compared to other market brands, this renowned and reliable solution is the perfect partner for all your needs.

The ABAC Spinn range offers outstanding cost savings on installation and piping, all in a sleek and efficient design.



Work consistently and without interruption

You don't have to wait for the compressor to cool down with the Spinn, so you can keep things moving and boost productivity all day long!

A higher level of air quality

When you use a Spinn compressor, you not only get cleaner air quality, but you also protect your pneumatic tools. It has an oil carry-over of less than five parts per million, typically six times less than a piston compressor. As a result, maintenance on downstream equipment is significantly reduced or even eliminated.

Reduced power consumption

The Spinn's innovative compression technology allows it to produce air more efficiently than traditional piston compressors, giving you maximum performance with minimum energy consumption.

A quieter workplace

The Spinn 2.2-7.5 is impressively quiet, producing only 61 to 68 dB(A) - more silent than the average piston compressor by 20 dB(A)!

Basic controller

Operating the compressor is a breeze, with all the necessary information at your fingertips. And that's not all - enjoy added perks like monitoring running and loading hours, remote start/ stop, automatic restart, and failure warnings, giving you the ultimate flexibility and control.

Highly efficient

IE3 motors
100% duty cycle and
IP55 protection

Highly dependable

The air end is designed to provide exceptional performance and efficient energy usage.

Spinn 2.2-7.5
Fixed Speed

- Industry-leading Free Air Delivery
- Continuous duty
- Advanced controller
- Floor-mounted and tank-mounted models
- Optional condensation prevention package
- Optional clean air version with integrated dryer and filters
- Super silent

Spinn 2.2-7.5
VSD

- Industry-leading Free Air Delivery
- Continuous duty
- Advanced controller
- Floor-mounted and tank-mounted models
- Optional condensation prevention package
- Optional clean air version with integrated dryer and filters
- Up to 7 decibels quieter than fixed-speed
- Energy savings of up to 30% compared to fixed-speed
- Less component wear for a longer lifetime and lower operational costs
- Lower starting currents increase reliability

Options

Improve and personalize your Spinn.

With its wide range of options and flexible build, the Spinn 2.2-7.5 can meet all of your needs.



Line filter

Can be added for high-quality air.



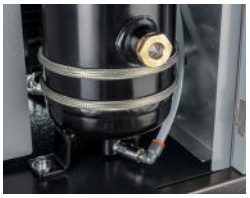
No-loss timer drain

Removes tank condensation.



500-liter tank

Get more air storage and say goodbye to condensation worries.



Oil heater

Ensures no intermittent-use condensation by keeping the oil temperature constant during unloading or idle periods.



Tropical thermostat

Maintain a higher oil temperature, reducing the risk of condensation.

Technical specifications

Fixed speed

Model	Max. working pressure	Reference working pressure	Free Air Delivery @ reference conditions*			Motor power		Noise level **	Weight				
									Base-mounted	Tank-mounted 200 L.	Tank-mounted 200 L. + dryer	Tank-mounted 270 L.	Tank-mounted 270 L. + dryer
	Bar	Bar	m3/h	l/min	cfm	kW	hp	db(A)	kg				
SPINN 2.2	8	7.5	20.6	343	12.1	2.2	3	61	110	165	190	180	205
	10	9.5	16.9	281	9.9								
SPINN 3	8	7.5	27.6	460	16.2	3	4	61	115	170	195	185	210
	10	9.5	21.5	359	12.7								
SPINN 4	8	7.5	34.7	578	20.4	3	4	61	120	175	200	190	215
	10	9.5	30.1	502	17.7								
SPINN 5.5	8	7.5	51.5	858	30.3	5.5	7.5	66	130	185	210	200	225
	10	9.5	45.4	756	26.7								
SPINN 7.5	8	7.5	61.7	1028	36.3	7.5	10	68	140	195	225	210	240
	10	9.5	57.7	961	33.9								

Variable speed

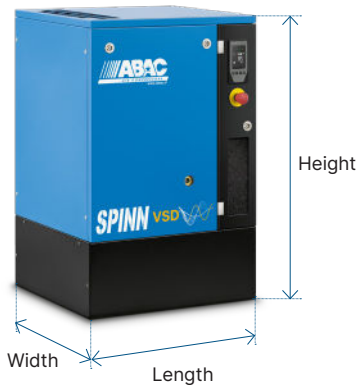
Model	Max. working pressure	Reference working pressure	Free Air Delivery @ reference conditions*			Motor power		Noise level measured at 70% load**	Weight		
									Base-mounted	Tank-mounted 200L.	Tank-mounted 200L. + dryer
	Bar	Bar	m3/h	l/min	cfm	kW	hp	db(A)	kg		
SPINN 2.2	8	7.5	21.6	360	12.7	2.2	3	57	110	165	190
	10	9.5	17.6	293	10.3						
SPINN 3	8	7.5	27.6	460	16.2	3	4	57	115	170	195
	10	9.5	21.7	361	12.7						
SPINN 4	8	7.5	34.9	581	20.5	4	5.5	58	120	175	200
	10	9.5	30.2	503	17.8						
SPINN 5.5	8	7.5	53.6	894	31.6	5.5	7.5	61	130	185	210
	10	9.5	45.5	758	26.8						
SPINN 7.5	8	7.5	62.1	1035	36.6	7.5	10	61	140	195	225
	10	9.5	57.9	965	34.1						

* Unit performance measured according to ISO1217, Annex C, latest edition
** Noise level measured according to ISO2151 2004.

Dimensions

	Fixed speed			Variable speed		
	Length	Width	Height	Length	Width	Height
	mm			mm		
Base-mounted	620	630	950	620	630	955
Tank-mounted 200 L.	1430	600	1260	1430	600	1265
Tank-mounted 200 L. + dryer						
Tank-mounted 270 L.	1540	600	1350	N/A	N/A	N/A
Tank-mounted 270 L. + dryer				1540	600	1350
Tank-mounted 500 L.	1940	605	1500	N/A	N/A	N/A
Tank-mounted 500 L. + dryer						

* 270L with Dryer available for variable speed with AD2000







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Spinn 2.2–7.5
Variable Speed / Fixed Speed

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