

MADE IN ITALY



Modular belt-driven
rotary screw compressors.

PASCAL

2.2-15 kW



NEW
2025 RANGE

FNA Group

Over 75 years of compressed air.

FNA is a Multinational Group with over 75 years of experience in the compressed air sector, founded from the merger of three great Italian compressor traditions, which has developed an industrial synergy capable of competing on the world market without fear of comparison. Thanks to the consolidated experience and leadership of a family that has been operating exclusively in the compressed air sector for two generations, since 1948, FNA is one of the leading manufacturers of air compressors for industrial, professional and consumer use.

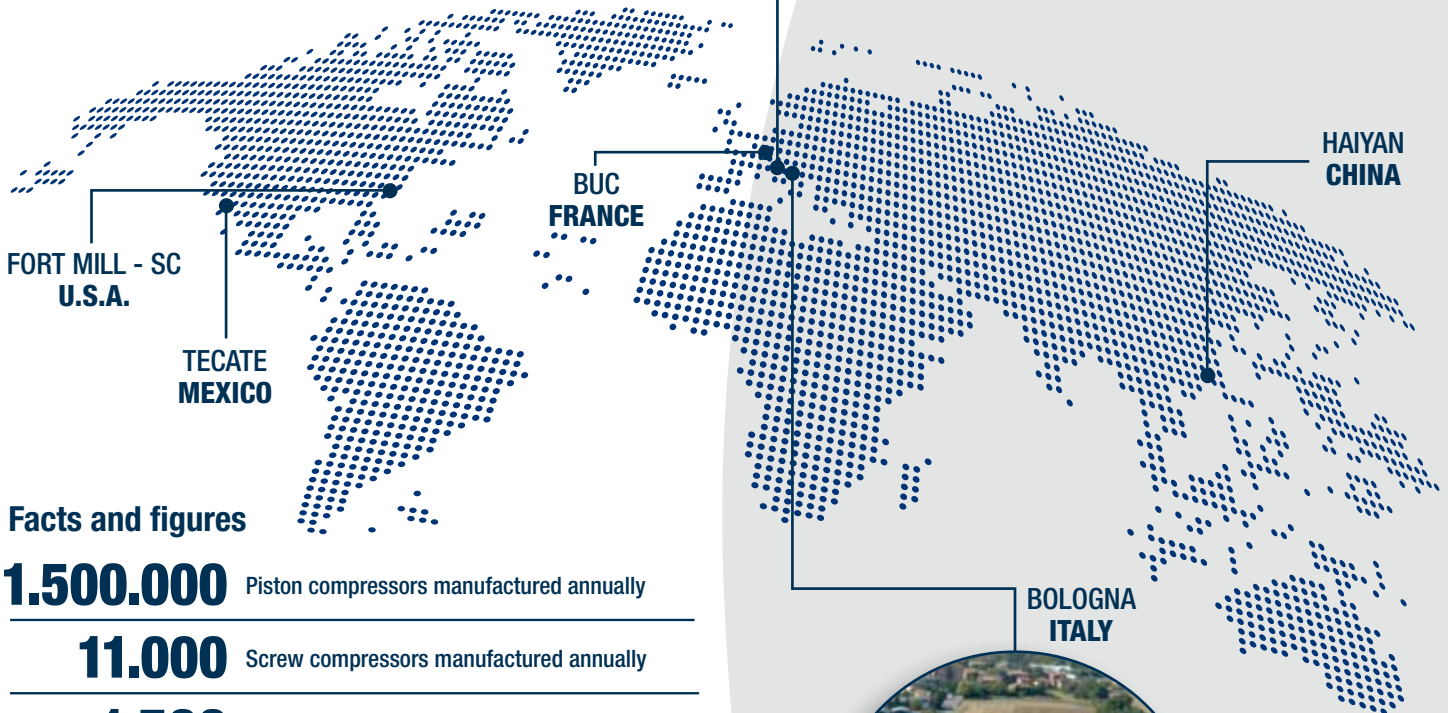
Today, Power System is part of the FNA family and is the Groups brand that represents the pinnacle of our technology, aimed specifically at the Industrial market. Power System is an undisputed leader in the design, development, production and distribution of high-tech solutions for compressing air with the greatest possible energy savings, serving every sector, from large industry to small business.

Power System's screw compressors, in the 2.2 to 315 kW power range, are manufactured entirely in Italy in the province of Bologna, an area renowned for its excellence in precision engineering, where the most modern design, construction, assembly and testing technologies are applied to ensure customers reliable compressors with first-class performance.



TORINO
ITALY

Production sites around the world



Facts and figures

1.500.000 Piston compressors manufactured annually

11.000 Screw compressors manufactured annually

1.500 Global service centres

1.300 Employees

250 Million € turnover

120 The countries we export to

6 Production plants worldwide



BOLOGNA
ITALY

HAIYAN
CHINA



NOT JUST AIR.

The Power System brand

Manufacturers of air-ends for over 30 years.

Power System is the leading Italian company, that has been able to combine craftsmanship with the most modern industrial technologies and highly specialised labour. The Made in Italy trademark is the expression of typical Italian quality and creativity, recognised and appreciated around the world, and which is now one of the distinguishing elements of our industrial production.

What makes Power System screw compressors unique is the guarantee of a product that is made entirely in Italy: from design to packaging, each stage of production is carefully overseen by our engineers and aimed at developing a machine that exceeds the most demanding requirements in terms of efficiency, quality, energy saving, performance, quiet and safe operation. Each component is thoroughly selected to integrate perfectly with our air-ends and intake regulators.

Power System air-ends feature rotors with an optimised profile and outstanding performance. The production process is completely integrated thanks to avant-garde machine tools with robotic component positioning and sophisticated control instrumentation that guarantees the highest level of quality. Each single rotor is cut in four very specific manufacturing stages to achieve high precision, execution and repeatability.

Before reaching the customer, every individual compressor is fully tested before completing final checks that ensure total compliance with over fifty stringent technical requirements.

Since 1996, the company's Quality System has been certified according to UNI EN ISO 9001:2015.



PASCAL 2.2-15

Compact, heavy duty, quiet and highly reliable belt driven rotary screw compressors, available in different versions to satisfy any requirements.

The PASCAL Series includes a comprehensive range of premium quality rotary screw compressors from 2.2 kW to 15 kW.

Each model is constructed according to the highest standard using the best quality components in order to ensure a long life and total reliability. The design of the PASCAL series benefits from years of experience in the production of innovative air compressors, where attention to detail and quality are at the highest level.

All of the components are produced and assembled in house at our Italian production plant.



PASCAL
floor mounted



PASCAL D
with dryer

A modular range: 2.2kW-15kW floor mounted or with 270/500Lt air receiver, with or without dryer.

Size	Power (kW)	Model	Floor mounted	Floor mounted + dryer (D)	With air receiver	With air receiver + dryer (D)	Air-end	Electronic controller	Fixed speed	Electric motor efficiency
1	2.2	PASCAL 2.2	•	•	270 ℓ	•	FS14	DNAir1	•	IE3
	3	PASCAL 3.0	•	•	270 ℓ	•	FS14	DNAir1	•	IE3
	4	PASCAL 4.0	•	•	270 ℓ	•	FS14	DNAir1	•	IE3
	5.5	PASCAL 5.5	•	•	270 ℓ	•	FS14	DNAir1	•	IE3
	7.5	PASCAL 7.5	•	•	270-500 ℓ	•	FS26	DNAir1	•	IE3
2	11	PASCAL 11	•	•	270-500 ℓ	•	FS26	DNAir2	•	IE3
	15	PASCAL 15	•	•	270-500 ℓ	•	FS26	DNAir2	•	IE3



A TRUE MODULAR COMPRESSOR!



PASCAL
with air receiver



PASCAL D
with air receiver and dryer

PASCAL 2.2-15



Quiet operation

The centrifugal fan design along with the careful arrangement of all other components when added to the extensive sound insulation results in the PASCAL, offering a sound level among the lowest available, allowing a more comfortable work place.



Simplified maintenance

All of the routine service components are located in the most convenient and easily accessible position. The panels can be taken away or opened for complete access. Maintenance costs are reduced and efficiency improved thanks to the use of the highest quality components.



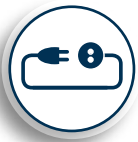
Compact, space saving and modular design

The PASCAL series has been designed to offer maximum performance and highest reliability, in a compact space saving format, with a wide choice of setups.



High quality compressed air

The PASCAL range is also available with an air treatment module including a high performance refrigerating air dryer. This allows the compressor to provide dry compressed air.



Plug & Play

The PASCAL D versions include: refrigerated dryer with condensate drain, electronic controller and air receiver, all pre-installed for ease of installation, reduced costs and improved reliability.



Higher efficiency from less power

The design of the PASCAL compressors, including the IE3 Premium Efficiency motors and the DNAir electronic controllers fitted as standard, have been fully focused on combining the different components that make up a modular and functional system that matches maximum convenience with optimum energy efficiency.





HIGH EFFICIENCY
AIR-ENDS



ADVANCED
INTUITIVE CONTROL



COMPRESSOR +
AIR RECEIVER



AIR DRYER



ENERGY EFFICIENCY CLASSIFICATION according to standard IEC 60034-30-1

IE3 Premium Efficiency

IE2 High Efficiency

IE1 Standard Efficiency

Non-standard

The Pascal D versions feature the integration of the main components of a compressed air system (screw compressor, dryer, controller and air-receiver) into a single modular unit, provides an extremely compact space saving solution, with numerous significant advantages:

- › DNAir controllers standard across the range!
- › Drastically reduced installation time and cost;
- › Complete range from 2.2 to 15 kW.
- › Pressure range at 8, 10 and 13 bar (13 bar from 7.5 kW)
- › Advanced cooling system.
- › Automatic condensate discharge operated and adjusted from the dryer controller.
- › Poly-V belt-drive system.
- › Simple installation and maintenance.
- › High quality compressed air.
- › Long life and maximum reliability.
- › Extremely quiet operation.
- › Designed for continuous use.
- › Reduced energy consumption.
- › Low operating costs.

DNAir smart controllers

The DNAir advanced controllers fitted to the PASCAL range have been specifically developed to guarantee optimum monitoring and regulation of the compressor's operation, for the maximum efficiency and safety.



DNAir2 Installed on Pascal from 11 to 15 kW

The DNAir2 controller provides a multi-function and multi-language backlit LCD graphic display, the menu is drop down type for simple intuitive operation. The display shows familiar and convenient icons for ease of use.

The DNAir2 displays the following important information:

- › Working pressure (offload and load pressure);
- › Oil temperature;
- › Compressor status (stand-by, offload, load);
- › Cooling fan status (off/on);
- › Date and time;
- › Hours remaining to maintenance;
- › Total and load operation hours.

Weekly programming

With the DNAir2 controller it is possible to set up to 9 separate compressor operating programs. For each program it is possible to set the start and stop times, the days of the week it needs to operate and the relative pressure range.

With a multiple-compressor system, whether fixed or variable speed, it is possible to set various programs so as to create a "virtual network" (therefore without connecting them).

Master/slave function

The DNAir 2 controller provides a control capability for up to 4 compressors in one system. The system pressure can be dynamically programmed to various pressure settings.



DNAir1 Installed on Pascal from 2.2 to 7.5 kW

The DNAir1 controller provides the complete control of all functions and operations in multiple languages, also offering remote ON-OFF and access to the maintenance program.

The backlit screen shows: operating pressure, loading/operating hours, idle/load operation, oil temperature. It keeps a log of the alarms list to simplify troubleshooting.

- › Four maintenance timers (air filter cartridge, oil, oil filter, separator filter);
- › Auto-restart after power failure;
- › Programmable cooling fan temperature;
- › Programmable remote control start of the compressor;
- › Integrated phases sequence relay.

Total control, even remotely

SMS Device

SMS is the innovative tool to remotely control and perform predictive maintenance on screw compressors equipped with a DNAir2 controller. If the device is configured on internet networks via Wi-Fi or Ethernet, it allows e-mails to be sent automatically in case of faults and/or automatic regular e-mails (hourly, daily or weekly) to monitor the proper operation of the compressor and the remaining hours for the main programmed maintenance.

Preventive and targeted maintenance

- › automatic forwarding of e-mails in case of alarms;
- › option of sending e-mails reporting the status of the compressor at a set frequency (hourly, daily or weekly).

Compressor remote control

- › access to the various menu levels (user, service);
- › on/off control;
- › no additional software requirements;
- › compressor online status check.

9062744

ANTENNA KIT + SMS DEVICE

EasyX4



Optimised plant room management

Many compressed air systems include several compressors: EasyX4 is the easiest solution to manage complex compressor systems, with fixed speed, programmable on a weekly basis, capable of configuring up to 4 units, based on the amount of air actually required.

Three programming levels:

- › **MANUAL:** compressors set on a given operating pressure range;
- › **AUTOMATIC:** with pressure range exchange after a programmable time period;
- › **GROUP PROGRAMMING:** the compressors can be managed within groups.

#405531604SGL

EASY X4 CONTROL UNIT





Smart controllers

The DNAir controllers have been developed to guarantee optimum monitoring and regulation of the compressor's operation, for the maximum efficiency and safety.



Refrigerated air dryer

The PASCAL range is also available with a refrigerated air dryer. This allows the compressor to provide dry compressed air to quality standard classification Class 4 for humidity, in accordance with ISO 8573-1.



Our own intake regulator

Normally open electro-pneumatic system: adjusts the compressor operation to guarantee an optimal energy cost/air delivery ratio.

Thermostatic valve

The thermostatic valve regulates the oil temperature, preventing the formation of condensate inside the oil-separator tank.

Separate cooling system

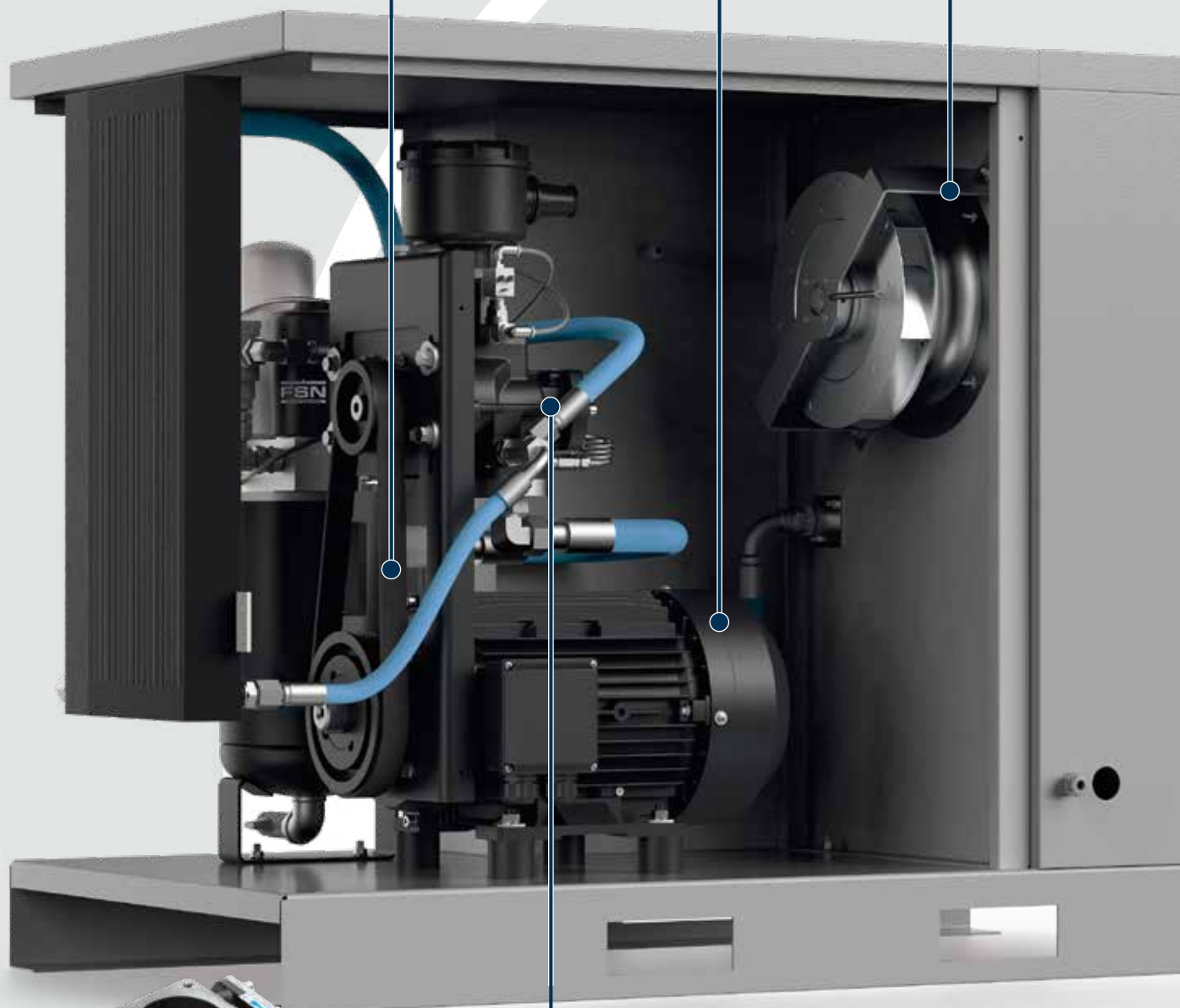
The centrifugal fan is activated automatically by the DNAir controller. This allows the machine to quickly reach and precisely maintain the ideal operating temperature.

High efficiency motors

IE3 "Premium efficiency" motors are fitted as standard in all PASCAL models.

Belt-driven transmission

The POLY-V belt-drive ensures significantly lower power losses and three times the service life compared to standard range "V" type belts. Belt tensioning is carried out through a slider system.



High-performance air-ends

Our high performance and extremely reliable air-ends are entirely produced at our Italian facilities.

PASCAL 2.2-7.5 kW

Code	Air receiver	Power		Air outflow rate			Max. pressure		Air-end	Sound level	Air outlet	Net weight	Net Dimensions	Gross weight	Gross dimensions	
		ℓ	kW	HP	l/min.	m³/min.	c.f.m.	bar								p.s.i.
2.2 kW																
PASCAL 2.2-08	V60TK72PWSA87	-	2.2	3	330	0.33	12	8	116	FS14	58	1/2"	160	860x650x850	174	940x770x1030
PASCAL 2.2-10	V60TR72PWSA87	-	2.2	3	290	0.29	10	10	145	FS14	58	1/2"	160	860x650x850	174	940x770x1030
PASCAL 2.2-08 D	V60TK72PWSB87	-	2.2	3	330	0.33	12	8	116	FS14	58	1/2"	187	1170x650x850	207	1290x770x1030
PASCAL 2.2-10 D	V60TR72PWSB87	-	2.2	3	290	0.29	10	10	145	FS14	58	1/2"	187	1170x650x850	207	1290x770x1030
PASCAL 2.2-08-270	V91TK72PWSA80	270	2.2	3	330	0.33	12	8	116	FS14	58	1/2"	250	1200x650x1540	280	1320x850x1720
PASCAL 2.2-10-270	V91TR72PWSA80	270	2.2	3	290	0.29	10	10	145	FS14	58	1/2"	250	1200x650x1540	280	1320x850x1720
PASCAL 2.2-08-270 D	V91TK72PWSB80	270	2.2	3	330	0.33	12	8	116	FS14	58	1/2"	306	1200x650x1540	336	1320x850x1720
PASCAL 2.2-10-270 D	V91TR72PWSB80	270	2.2	3	290	0.29	10	10	145	FS14	58	1/2"	306	1200x650x1540	336	1320x850x1720
3 kW																
PASCAL 3.0-08	V60TI72PWSA87	-	3	4	430	0.43	15	8	116	FS14	59	1/2"	164	860x650x850	178	940x770x1030
PASCAL 3.0-10	V60TS72PWSA87	-	3	4	390	0.39	14	10	145	FS14	59	1/2"	164	860x650x850	178	940x770x1030
PASCAL 3.0-08 D	V60TI72PWSB87	-	3	4	430	0.43	15	8	116	FS14	59	1/2"	191	1170x650x850	211	1290x770x1030
PASCAL 3.0-10 D	V60TS72PWSB87	-	3	4	390	0.39	14	10	145	FS14	59	1/2"	191	1170x650x850	211	1290x770x1030
PASCAL 3.0-08-270	V91TI72PWSA80	270	3	4	430	0.43	15	8	116	FS14	59	1/2"	245	1200x650x1540	273	1320x850x1700
PASCAL 3.0-10-270	V91TS72PWSA80	270	3	4	390	0.39	14	10	145	FS14	59	1/2"	245	1200x650x1540	273	1320x850x1700
PASCAL 3.0-08-270 D	V91TI72PWSB80	270	3	4	430	0.43	15	8	116	FS14	59	1/2"	272	1200x650x1540	300	1320x850x1700
PASCAL 3.0-10-270 D	V91TS72PWSB80	270	3	4	390	0.39	14	10	145	FS14	59	1/2"	272	1200x650x1540	300	1320x850x1700
4 kW																
PASCAL 4.0-08	V60TQ92PWSA87	-	4	5.5	580	0.58	20	8	116	FS14	60	1/2"	165	860x650x850	179	940x770x1030
PASCAL 4.0-10	V60TT92PWSA87	-	4	5.5	490	0.49	17	10	145	FS14	60	1/2"	147	860x650x850	161	940x770x1030
PASCAL 4.0-13	V60JX92PWSA87	-	4	5.5	350	0.35	12	13	189	FS14	60	1/2"	147	860x650x850	161	940x770x1030
PASCAL 4.0-08 D	V60TQ92PWSB87	-	4	5.5	580	0.58	20	8	116	FS14	60	1/2"	197	1170x650x850	217	1290x770x1030
PASCAL 4.0-10 D	V60TT92PWSB87	-	4	5.5	490	0.49	17	10	145	FS14	60	1/2"	197	1170x650x850	217	1290x770x1030
PASCAL 4.0-08-270	V91TQ92PWSA80	270	4	5.5	580	0.58	20	8	116	FS14	60	1/2"	249	1200x650x1540	279	1320x850x1700
PASCAL 4.0-10-270	V91TT92PWSA80	270	4	5.5	490	0.49	17	10	145	FS14	60	1/2"	249	1200x650x1540	279	1320x850x1700
PASCAL 4.0-08-270 D	V91TQ92PWSB80	270	4	5.5	580	0.58	20	8	116	FS14	60	1/2"	299	1200x650x1540	329	1320x850x1720
PASCAL 4.0-10-270 D	V91TT92PWSB80	270	4	5.5	490	0.49	17	10	145	FS14	60	1/2"	299	1200x650x1540	329	1320x850x1700
5.5 kW																
PASCAL 5.5-08	V60TF92PWSA87	-	5.5	7.5	720	0.72	25	8	116	FS14	64	1/2"	164	860x650x850	178	940x770x1030
PASCAL 5.5-10	V60TU92PWSA87	-	5.5	7.5	650	0.65	23	10	145	FS14	64	1/2"	167	860x650x850	181	940x770x1030
PASCAL 5.5-13	V60JY92PWSA87	-	5.5	7.5	485	0.49	17	13	189	FS14	64	1/2"	164	860x650x850	178	940x770x1030
PASCAL 5.5-08 D	V60TF92PWSB87	-	5.5	7.5	720	0.72	25	8	116	FS14	64	1/2"	214	1170x650x850	234	1290x770x1030
PASCAL 5.5-10 D	V60TU92PWSB87	-	5.5	7.5	650	0.65	23	10	145	FS14	64	1/2"	214	1170x650x850	234	1290x770x1030
PASCAL 5.5-08-270	V91TF92PWSA80	270	5.5	7.5	720	0.72	25	8	116	FS14	64	1/2"	248	1200x650x1540	276	1320x850x1700
PASCAL 5.5-10-270	V91TU92PWSA80	270	5.5	7.5	650	0.65	23	10	145	FS14	64	1/2"	248	1200x650x1540	276	1320x850x1700
PASCAL 5.5-08-270 D	V91TF92PWSB80	270	5.5	7.5	720	0.72	25	8	116	FS14	64	1/2"	275	1200x650x1540	303	1320x850x1720
PASCAL 5.5-10-270 D	V91TU92PWSB80	270	5.5	7.5	650	0.65	23	10	145	FS14	64	1/2"	275	1200x650x1540	305	1320x850x1720
7.5 kW																
PASCAL 7.5-08	V60TG92PWSA87	-	7.5	10	1250	1.25	44	8	116	FS26	66	1/2"	212	860x650x850	226	940x770x1030
PASCAL 7.5-10	V60TV92PWSA87	-	7.5	10	1000	1.00	35	10	145	FS26	66	1/2"	212	860x650x850	226	940x770x1030
PASCAL 7.5-13	V60TH92PWSA87	-	7.5	10	750	0.75	26	13	189	FS26	66	1/2"	212	860x650x850	226	940x770x1030
PASCAL 7.5-08 D	V60TG92PWSB87	-	7.5	10	1250	1.25	44	8	116	FS26	66	1/2"	262	1170x650x850	282	1290x770x1030
PASCAL 7.5-10 D	V60TV92PWSB87	-	7.5	10	1000	1.00	35	10	145	FS26	66	1/2"	262	1170x650x850	282	1290x770x1030
PASCAL 7.5-13 D	V60TH92PWSB87	-	7.5	10	750	0.75	26	13	189	FS26	66	1/2"	262	1170x650x850	282	1290x770x1030
PASCAL 7.5-08-270	V91TG92PWSA80	270	7.5	10	1250	1.25	44	8	116	FS26	66	1/2"	270	1200x650x1540	300	1320x850x1700
PASCAL 7.5-10-270	V91TV92PWSA80	270	7.5	10	1000	1.00	35	10	145	FS26	66	1/2"	270	1200x650x1540	300	1320x850x1700
PASCAL 7.5-13-270	V91TH92PWSA80	270	7.5	10	750	0.75	26	13	189	FS26	66	1/2"	282	1200x650x1540	312	1320x850x1720
PASCAL 7.5-08-270 D	V91TG92PWSB80	270	7.5	10	1250	1.25	44	8	116	FS26	66	1/2"	332	1200x650x1540	362	1320x850x1720
PASCAL 7.5-10-270 D	V91TV92PWSB80	270	7.5	10	1000	1.00	35	10	145	FS26	66	1/2"	320	1200x650x1540	350	1320x850x1700
PASCAL 7.5-13-270 D	V91TH92PWSB80	270	7.5	10	750	0.75	26	13	189	FS26	66	1/2"	332	1200x650x1540	362	1320x850x1720
PASCAL 7.5-08-500	V83TG92PWSA80	500	7.5	10	1250	1.25	44	8	116	FS26	66	1/2"	304	2000x650x1500	328	2070x800x1680
PASCAL 7.5-10-500	V83TV92PWSA80	500	7.5	10	1000	1.00	35	10	145	FS26	66	1/2"	304	2000x650x1500	328	2070x800x1680
PASCAL 7.5-13-500	V83TH92PWSA80	500	7.5	10	750	0.75	26	13	189	FS26	66	1/2"	337	2000x650x1500	361	2070x800x1680
PASCAL 7.5-08-500 D	V83TG92PWSB80	500	7.5	10	1250	1.25	44	8	116	FS26	66	1/2"	339	2000x650x1500	363	2070x800x1680
PASCAL 7.5-10-500 D	V83TV92PWSB80	500	7.5	10	1000	1.00	35	10	145	FS26	66	1/2"	339	2000x650x1500	366	2070x800x1680
PASCAL 7.5-13-500 D	V83TH92PWSB80	500	7.5	10	750	0.75	26	13	189	FS26	66	1/2"	372	2000x650x1500	396	2070x800x1680

D = refrigerated dryer.

Reference conditions: air intake temperature 20°C (68°F) – atmospheric pressure 1 bar (14.5 p.s.i.).

Air flow was measured in the following operating pressure values:

8 bar for "08" models - 10 bar for "10" models - 13 bar for "13" models.

The data and results were measured in accordance with standard ISO 1217.

The sound level was measured in accordance with standard ISO 2151, with a tolerance of ±3 dB(A).

PASCAL 11-15 kW

Code	Air receiver	Power		Air outflow rate			Max. pressure		Air-end	Sound level	Air outlet	Net weight	Net Dimensions	Gross weight	Gross dimensions	
		ℓ	kW	HP	l/min.	m ³ /min.	c.f.m.	bar								p.s.i.
11 kW																
PASCAL 11-08	V60TM92PWSA87	-	11	15	1650	1.65	58	8	116	FS26	69	3/4"	248	1040x700x1000	275	1240x850x1190
PASCAL 11-10	V60TX92PWSA87	-	11	15	1500	1.50	53	10	145	FS26	69	3/4"	248	1040x700x1000	275	1240x850x1190
PASCAL 11-13	V60TN92PWSA87	-	11	15	1150	1.15	41	13	189	FS26	69	3/4"	248	1040x700x1000	275	1240x850x1190
PASCAL 11-08 D	V60TM92PWSB87	-	11	15	1650	1.65	58	8	116	FS26	69	3/4"	290	1400x700x1000	310	1510x810x1180
PASCAL 11-10 D	V60TX92PWSB87	-	11	15	1500	1.50	53	10	145	FS26	69	3/4"	290	1400x700x1000	310	1510x810x1180
PASCAL 11-13 D	V60TN92PWSB87	-	11	15	1150	1.15	41	13	189	FS26	69	3/4"	290	1400x700x1000	310	1510x810x1180
PASCAL 11-08-270	V91TM92PWSA80	270	11	15	1650	1.65	58	8	116	FS26	69	3/4"	300	1550x700x1530	335	1720x750x1760
PASCAL 11-10-270	V91TX92PWSA80	270	11	15	1500	1.50	53	10	145	FS26	69	3/4"	300	1550x700x1530	335	1720x750x1760
PASCAL 11-13-270	V91TN92PWSA80	270	11	15	1150	1.15	41	13	189	FS26	69	3/4"	328	1550x700x1530	363	1720x750x1760
PASCAL 11-08-270 D	V91TM92PWSB80	270	11	15	1650	1.65	58	8	116	FS26	69	3/4"	363	1550x700x1530	393	1720x750x1760
PASCAL 11-10-270 D	V91TX92PWSB80	270	11	15	1500	1.50	53	10	145	FS26	69	3/4"	363	1550x700x1530	393	1720x750x1760
PASCAL 11-13-270 D	V91TN92PWSB80	270	11	15	1150	1.15	41	13	189	FS26	69	3/4"	363	1550x700x1530	393	1720x750x1760
PASCAL 11-08-500	V83TM92PWSA80	500	11	15	1650	1.65	58	8	116	FS26	69	3/4"	416	2000x700x1650	456	2070x800x1850
PASCAL 11-10-500	V83TX92PWSA80	500	11	15	1500	1.50	53	10	145	FS26	69	3/4"	416	2000x700x1650	456	2070x800x1850
PASCAL 11-13-500	V83TN92PWSA80	500	11	15	1150	1.15	41	13	189	FS26	69	3/4"	416	2000x700x1650	456	2070x800x1850
PASCAL 11-08-500 D	V83TM92PWSB80	500	11	15	1650	1.65	58	8	116	FS26	69	3/4"	458	2000x700x1650	498	2070x800x1850
PASCAL 11-10-500 D	V83TX92PWSB80	500	11	15	1500	1.50	53	10	145	FS26	69	3/4"	458	2000x700x1650	498	2070x800x1850
PASCAL 11-13-500 D	V83TN92PWSB80	500	11	15	1150	1.15	41	13	189	FS26	69	3/4"	458	2000x700x1650	498	2070x800x1850
15 kW																
PASCAL 15-08	V60TY92PWSA87	-	15	20	2150	2.15	76	8	116	FS26	70	3/4"	253	1040x700x1000	280	1240x850x1190
PASCAL 15-10	V60TZ92PWSA87	-	15	20	1850	1.85	65	10	145	FS26	70	3/4"	253	1040x700x1000	280	1240x850x1190
PASCAL 15-13	V60TP92PWSA87	-	15	20	1550	1.55	55	13	189	FS26	70	3/4"	253	1040x700x1000	280	1240x850x1190
PASCAL 15-08 D	V60TY92PWSB87	-	15	20	2150	2.15	76	8	116	FS26	70	3/4"	295	1400x700x1000	315	1510x810x1180
PASCAL 15-10 D	V60TZ92PWSB87	-	15	20	1850	1.85	65	10	145	FS26	70	3/4"	295	1400x700x1000	315	1510x810x1180
PASCAL 15-13 D	V60TP92PWSB87	-	15	20	1550	1.55	55	13	189	FS26	70	3/4"	290	1400x700x1000	307.5	1510x810x1180
PASCAL 15-08-270	V91TY92PWSA80	270	15	20	2150	2.15	76	8	116	FS26	70	3/4"	346	1550x700x1530	376	1720x750x1760
PASCAL 15-10-270	V91TZ92PWSA80	270	15	20	1850	1.85	65	10	145	FS26	70	3/4"	346	1550x700x1530	376	1720x750x1760
PASCAL 15-13-270	V91TP92PWSA80	270	15	20	1550	1.55	55	13	189	FS26	70	3/4"	356	1550x700x1530	386	1720x750x1760
PASCAL 15-08-270 D	V91TY92PWSB80	270	15	20	2150	2.15	76	8	116	FS26	70	3/4"	388	1550x700x1530	418	1720x750x1760
PASCAL 15-10-270 D	V91TZ92PWSB80	270	15	20	1850	1.85	65	10	145	FS26	70	3/4"	388	1550x700x1530	418	1720x750x1760
PASCAL 15-13-270 D	V91TP92PWSB80	270	15	20	1550	1.55	55	13	189	FS26	70	3/4"	398	1550x700x1530	428	1720x750x1760
PASCAL 15-08-500	V83TY92PWSA80	500	15	20	2150	2.15	76	8	116	FS26	70	3/4"	385	2000x700x1650	425	2070x800x1850
PASCAL 15-10-500	V83TZ92PWSA80	500	15	20	1850	1.85	65	10	145	FS26	70	3/4"	385	2000x700x1650	425	2070x800x1850
PASCAL 15-13-500	V83TP92PWSA80	500	15	20	1550	1.55	55	13	189	FS26	70	3/4"	385	2000x700x1650	425	2070x800x1850
PASCAL 15-08-500 D	V83TY92PWSB80	500	15	20	2150	2.15	76	8	116	FS26	70	3/4"	433	2000x700x1650	473	2070x800x1850
PASCAL 15-10-500 D	V83TZ92PWSB80	500	15	20	1850	1.85	65	10	145	FS26	70	3/4"	433	2000x700x1650	473	2070x800x1850
PASCAL 15-13-500 D	V83TP92PWSB80	500	15	20	1550	1.55	55	13	189	FS26	70	3/4"	433	2000x700x1650	473	2070x800x1850

D = refrigerated dryer.

Reference conditions: air intake temperature 20°C (68°F) – atmospheric pressure 1 bar (14.5 p.s.i.).

Air flow was measured in the following operating pressure values:

8 bar for "08" models - 10 bar for "10" models - 13 bar for "13" models.

The data and results were measured in accordance with standard ISO 1217.

The sound level was measured in accordance with standard ISO 2151, with a tolerance of ±3 dB(A).

Extend the life and efficiency of your screw compressor.

In addition to offering the highest quality and technologically advanced products, Power System focuses its attention on customer care and full technical and product support, identifying our customers' needs and the most suitable solutions.

Our skilled and professional team grants assistance over the phone/email, technical on-site consultancy, personalised quotations, maintenance programs, training programmes, etc.

The importance of original spare parts...

FSN is the brand of the original spare parts and after sales activities for all Power System compressors. FSN guarantees that the components are original and that they were carefully selected, checked and tested by skilled technicians. Using FSN certified original spare parts reduces management costs and guarantees the efficiency, reliability and longevity of the compressor. Our "Hot-Line" service guarantees the shipment of urgent spare parts within twenty-four hours from the order.

Long Life Kit: for the scheduled maintenance of screw compressors

To make maintenance planning simple and in accordance with the recommendations, Power System has developed its "LONG LIFE SERVICE KITS", specifically created for all Power System screw compressor models.

Using Long Life Kits ensures an extended service life, increased safety whilst ensuring maximum compressor performance.



Investment guaranteed up to 5 years! with the TRUST warranty extension

Power System believes so strongly in the quality and reliability of its compressors that we guarantee them for up to FIVE years! By choosing Trust it is possible to extend the standard warranty period by 3 or 5 years, through a complete preventive maintenance program.

There are many benefits: the customer can thereby avail of the qualified assistance of authorised technicians in complete safety, reducing the uncertainty of maintenance costs and foreseeing any downtime. Also, the use of original spare parts guaranteed by the FSN trademark will ensure that the compressor operates with maximum efficiency and for a longer service life.

The "Trust" warranty can be easily extended online through EasyConnect, the Power System service portal specially created to simplify the customers' experience by providing them with quick, clear responses about product availability, order tracking and shipping times.



...and specific lubricants

RotarECOFLUID 46 cSt mineral oil

#600000020	1 x 3.8-litre can (3.3 kg)
#600000021	1 x 20-litre can (17.36 kg)
#600000022	1 x 200-litre drum (174 kg)

Formulated with high quality selected mineral oil, this lubricant offers optimal control of oxidation and residue deposits as well as an excellent level of thermal stability and oxidation to ensure the longevity of equipment and continued high performance.

RotEnergyPlus 46 cSt synthetic oil

#600000018A	1 x 3.8-litre can (3.25 kg)
#600000007A	1 x 19-litre can (16 kg)
#600000012A	1 x 208-litre drum (181 kg)

Ensures quick water separation with reduced friction and energy consumption, provides long maintenance intervals and ensures excellent lubrication of the bearings while offering an excellent protection throughout.

RotEnergyFood 46 cSt synthetic oil

#600000019A	1 x 3.9-litre can (3.25 kg)
#600000016A	1 x 19-litre can (18.5 kg)
#600000017A	1 x 208-litre drum (175 kg)

A high quality lubricant for rotary compressors, suitable for use in the food industry, where specific quality standards are required.

Our FSN mineral or synthetic based lubricants are specifically designed for use on our screw compressors. They are available in cans or drums in various sizes.

We recommend replacing the oil according to the interval reported in the handbook / maintenance manual of the compressor or once a year if sooner. We recommend using our original RotarECOFLUID mineral oils, or RotEnergyPlus and RotEnergyFood synthetic oils (OILS ARE NOT INCLUDED IN LONG LIFE KITS).



FSN
ORIGINAL SPARE PARTS

You can download the Long Life Kit catalogues from www.powersystem.it and see the exploded diagrams and spare parts list online. These are continuously updated for each compressor model.

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