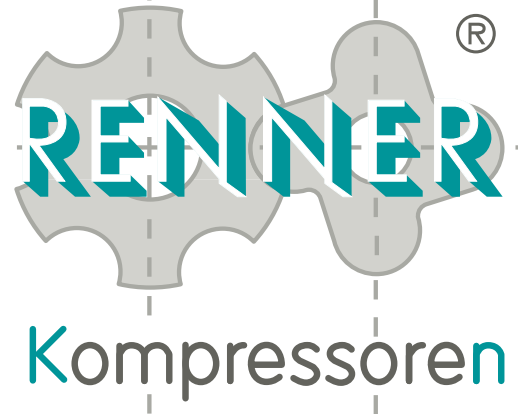




100% oil-free compressed air in its purest form

RENNER **SCROLL***line* Compressors



Motor size: 1.5 to 22.0 kW



SCROLLline compressors

In food production, electronics manufacturing or the pharmaceutical industry, the quality of compressed air is of utmost importance for production processes. The oil-free **SCROLLline** compressors by RENNER are specially suited to applications with high requirements for pure compressed air and exclude the risk of oil contamination. The result: 100% oil-free compressed air – the high degree of reliability and low operating and maintenance costs make **SCROLLline** compressors a sound investment.

The compressed air generated is 100% oil-free

The compression of the air is continuous through the interplay between a fixed and a orbiting SCROLL element. This infinitely repeating compression process guarantees a low-pulsation compressed air flow. The low number of moving components and the use of high quality materials represent a functional guarantee for the safe and reliable use of the machine over the entire operating time.

Versatile – less space for more compressed air generation

Their compactness and optional refrigeration dryer allows RENNER's **SCROLLline** compressors to fit into any environment and ensure efficiency and reliability in production. They are designed to be a versatile unit in a production environment and represent trouble-free air supply for many years.

The multiple compressor system with two, three or four independently working units is particularly suited to applications with greatly fluctuating compressed air consumption or for applications that absolutely require reserve capacity for additional safety.

The base load change over switch of the RENNERtronic Plus control integrated in multiple compressor systems in the **SCROLLline SuperSilent**-range optimises the use of several SCROLL compressors to a tee. This ensures that an exact performance equalisation is reached across all available units. The effectiveness of the compressor is optimised by the control. Status and monitoring messages are shown large and clearly in the display.

As a **SCROLLline SuperSilent**-model, the compressors are also suitable for operating in control workplace environment. Noise levels from 52 dB(A) speak for themselves.

The right model for purer air

You can expect more from RENNER, the innovative manufacturer with experience in the development and manufacture of **SCROLLline** compressors. The result is an extensive range of oil-free **SCROLLline** compressors – a clean solution for those who want more.

SCROLLline



SLDK



SLDM

SCROLLline SuperSilent



SLKM-S



SLM-S

RENNERtronic controls

Advantages of the RENNERtronic

- Controls and monitors the units
- Display
 - the mains pressure within easily changeable pressure limits
 - the compressor temperature
 - faults/ fault message storage
 - maintenance intervals
- Capture of operating and load hours
- The software includes a Base Load Change Over function
- Control is secured by means of code levels
- Update for special functions possible at any time
- Diagnostic functions of inputs and outputs



Advantages of the RENNERtronic Plus

- Easier operation due to a larger display
- Real-time clock
- Integrated timer with 7 channels
- Monitoring of the mains pressure
- Base-load changeover (BLCO)
 - facilitated connection to other compressors
 - additional functions and options possible
- Displays
 - the flow (FAD)
 - the power consumption (optional)
 - additional symbols
- Numerous statistical evaluations
- Profibus and Modbus connection possible





RENNER SCROLL Compressors

SL 1,5 – 5,5

SCROLL*line*

SL 1,5 – 5,5

Model	Free air delivery l/min / cfm		Motor power kW / HP	Compressed air outlet inches	Noise level dB (A)**		Air receiver litres	Dimensions (L x W x H in mm)	Weight kg
	8 bar	10 bar			8 bar	10 bar			
SL 1,5*	160 / 6	–	1.5 / 2.0	½	65	–	–	827 x 430 x 435	49
SL 2,2	238 / 9	195 / 7	2.2 / 3.0	½	67	67	–	827 x 430 x 435	52
SL 3,7	397 / 14	–	3.7 / 5.0	½	68	–	–	986 x 520 x 440	90
SL 4,5	–	405 / 15	4.5 / 6.0	½	–	68	–	986 x 520 x 440	105
SL 5,5	627 / 22	520 / 19	5.5 / 7.5	½	69	69	–	986 x 520 x 440	105

* with 230 V single phase motor; ** as per CAGI PNEUROP PN 8 NTC 2



RENNER SCROLL Compressors

SLD 1,5 – 5,5 on horizontal, galvanized air receiver

SLDK 1,5 – 5,5 on horizontal, galvanized air receiver with attached refrigeration dryer

SCROLL*line*

SLD 1,5 – 5,5 / SLDK 1,5 – 5,5

Model	Free air delivery l/min / cfm		Motor power kW / HP	Compressed air outlet inches	Noise level dB (A)**		Air receiver litres	Dimensions (L x W x H in mm)	Weight kg
	8 bar	10 bar			8 bar	10 bar			
SLD 1,5*	160 / 6	–	1.5 / 2.0	½	65	–	90***	980 x 440 x 910	79
SLD 2,2	238 / 9	195 / 7	2.2 / 3.0	½	67	67	90***	980 x 440 x 910	82
SLD 3,7	397 / 14	–	3.7 / 5.0	½	68	–	250****	1410 x 570 x 1025	175
SLD 4,5	–	405 / 15	4.5 / 6.0	½	–	68	250****	1410 x 570 x 1025	190
SLD 5,5	627 / 22	520 / 19	5.5 / 7.5	½	69	69	250****	1410 x 570 x 1025	190
SLDK 1,5	160 / 6	–	1.5 / 2.0	½	65	–	250	1410 x 570 x 1298	159
SLDK 2,2	238 / 9	195 / 7	2.2 / 3.0	½	67	67	250	1410 x 570 x 1298	162
SLDK 3,7	397 / 14	–	3.7 / 5.0	½	68	–	250****	1410 x 570 x 1298	200
SLDK 4,5	–	405 / 15	4.5 / 6.0	½	–	68	250****	1410 x 570 x 1298	230
SLDK 5,5	627 / 22	520 / 19	5.5 / 7.5	½	69	69	250****	1410 x 570 x 1298	230

* with 230 V single phase motor; ** as per CAGI PNEUROP PN 8 NTC 2; *** optional with 250 litre air receiver; **** optional with 500 litre air receiver

Options:

	Item no.:
Rotation control via phase sequence relay	10867
Star-delta-starter 3.7 kW – 4.5 kW / 5.0 HP – 6.0 HP	02191
250 litre air receiver in place of 90 litre air receiver	05589
500 litre air receiver in place of 250 litre air receiver	10871



RENNER SCROLL Compressors

SCROLL*line*

SLM 7,5 – 16,5 as a multiple compressor system

SLM 7,5 – 16,5

Model	Free air delivery l/min / cfm		Motor power kW / HP	Compressed air outlet inches	Noise level dB (A)**		Air receiver litres	Dimensions (L x W x H in mm)	Weight kg
	8 bar	10 bar			8 bar	10 bar			
SLM 7,5	794 / 28	–	2 x 3.7 / 2 x 5.0	1/2	74	–	–	1970 x 986 x 640	240
SLM 9,0	–	810 / 29	2 x 4.5 / 2 x 6.0	1/2	–	74	–	1970 x 986 x 640	246
SLM 11,0	1254 / 44	1040 / 37	2 x 5.5 / 2 x 7.5	3/4	74	74	–	1970 x 986 x 640	246
SLM 13,5	–	1215 / 43	3 x 4.5 / 3 x 6.0	3/4	–	74	–	1970 x 986 x 640	378
SLM 16,5	1881 / 66	1560 / 55	3 x 5.5 / 3 x 7.5	3/4	77	77	–	1970 x 986 x 640	378

** as per CAGI PNEUROP PN 8 NTC 2



RENNER SCROLL Compressors

SCROLL*line*

SLDM 7,5 – 16,5 as a multiple compressor system on horizontal, galvanized air receiver

SLDM 7,5 – 16,5

Model	Free air delivery l/min / cfm		Motor power kW / HP	Compressed air outlet inches	Noise level dB (A)**		Air receiver litres	Dimensions (L x W x H in mm)	Weight kg
	8 bar	10 bar			8 bar	10 bar			
SLDM 7,5	794 / 28	–	2 x 3.7 / 2 x 5.0	1	74	–	500	1970 x 986 x 1136	363
SLDM 9,0	–	810 / 29	2 x 4.5 / 2 x 6.0	1	–	74	500	1970 x 986 x 1136	369
SLDM 11,0	1254 / 44	1040 / 37	2 x 5.5 / 2 x 7.5	1	74	74	500	1970 x 986 x 1136	369
SLDM 13,5	–	1215 / 43	3 x 4.5 / 3 x 6.0	1	–	74	500	1970 x 986 x 1136	501
SLDM 16,5	1881 / 67	1560 / 55	3 x 5.5 / 3 x 7.5	1	77	77	500	1970 x 986 x 1136	501

** as per CAGI PNEUROP PN 8 NTC 2

Options:

	Item no.:
Rotation control via phase sequence relay	10867
Star-delta-starter 3.7 kW – 4.5 kW / 5.0 HP – 6.0 HP	02191
Base load change over switch	19080



RENNER SCROLL Compressors

SL-S 1,5 – 5,5

SCROLLline
SuperSilent

SL-S 1,5 – 5,5

Model	Free air delivery l/min / cfm		Motor power kW / HP	Compressed air outlet inches	Noise level dB (A)**		Air receiver litres	Dimensions (L x W x H in mm)	Weight kg
	8 bar	10 bar			8 bar	10 bar			
SL-S 1,5*	160 / 6	–	1.5 / 2.0	½	52	–	–	910 x 550 x 920	107
SL-S 2,2	238 / 9	195 / 7	2.2 / 3.0	½	55	53	–	910 x 550 x 920	110
SL-S 3,7	397 / 14	–	3.7 / 5.0	½	54	–	–	910 x 550 x 920	135
SL-S 4,5	–	405 / 15	4.5 / 6.0	½	–	54	–	910 x 550 x 920	150
SL-S 5,5	627 / 22	520 / 19	5.5 / 7.5	½	59	57	–	910 x 550 x 920	150

* with 230 V single phase motor; ** as per CAGI PNEUROP PN 8 NTC 2



RENNER SCROLL Compressors

SLD-S 1,5 – 5,5 on horizontal, galvanized air receiver

SCROLLline
SuperSilent

SLD-S 1,5 – 5,5

Model	Free air delivery l/min / cfm		Motor power kW / HP	Compressed air outlet inches	Noise level dB (A)**		Air receiver litres	Dimensions (L x W x H in mm)	Weight kg
	8 bar	10 bar			8 bar	10 bar			
SLD-S 1,5*	160 / 6	–	1.5 / 2.0	½	52	–	250***	1410 x 570 x 1550	192
SLD-S 1,5*	160 / 6	–	1.5 / 2.0	½	52	–	2 x 20	1060 x 550 x 920	143
SLD-S 2,2	238 / 9	195 / 7	2.2 / 3.0	½	55	53	250***	1410 x 570 x 1550	195
SLD-S 2,2	238 / 9	195 / 7	2.2 / 3.0	½	55	53	2 x 20	1060 x 550 x 920	146
SLD-S 3,7	397 / 14	–	3.7 / 5.0	½	54	–	250***	1410 x 570 x 1550	220
SLD-S 4,5	–	405 / 15	4.5 / 6.0	½	–	54	250***	1410 x 570 x 1550	235
SLD-S 5,5	627 / 22	520 / 19	5.5 / 7.5	½	59	57	250***	1410 x 570 x 1550	235

* with 230 V single phase motor; ** as per CAGI PNEUROP PN 8 NTC 2; *** optional with 500 litre air receiver

Options:

	Item no.:
Electronic control RENNERtronic	10869
Electronic control RENNERtronic Plus	00829
SCROLLline SuperSilent 2.2 kW with 230 V single phase motor	05588
Rotation control via phase sequence relay	10867
Star-delta-starter 3.7 kW – 4.5 kW / 5.0 HP – 6.0 HP	02191
500 litre air receiver in place of 250 litre air receiver	10871



RENNER SCROLL Compressors

SLK-S 1,5 – 5,5 with attached refrigeration dryer

SCROLLline
SuperSilent

SLK-S 1,5 – 5,5

Model	Free air delivery l/min / cfm		Motor power kW / HP	Compressed air outlet inches	Noise level dB (A)**		Air receiver litres	Dimensions (L x W x H in mm)	Weight kg
	8 bar	10 bar			8 bar	10 bar			
SLK-S 1,5*	160 / 6	–	1.5 / 2.0	½	52	–	–	1165 x 550 x 920	137
SLK-S 2,2	238 / 9	195 / 7	2.2 / 3.0	½	55	53	–	1165 x 550 x 920	140
SLK-S 3,7	397 / 14	–	3.7 / 5.0	½	54	–	–	1165 x 550 x 920	165
SLK-S 4,5	–	405 / 15	4.5 / 6.0	½	–	54	–	1165 x 550 x 920	180
SLK-S 5,5	627 / 22	520 / 19	5.5 / 7.5	½	59	57	–	1165 x 550 x 920	180

* with 230 V single phase motor; ** as per CAGI PNEUROP PN 8 NTC 2



RENNER SCROLL Compressors

SLDK-S 1,5 – 5,5
on horizontal, galvanized air receiver with attached refrigeration dryer

SCROLLline
SuperSilent

SLDK-S 1,5 – 5,5

Model	Free air delivery l/min / cfm		Motor power kW / HP	Compressed air outlet inches	Noise level dB (A)**		Air receiver litres	Dimensions (L x W x H in mm)	Weight kg
	8 bar	10 bar			8 bar	10 bar			
SLDK-S 1,5*	160 / 6	–	1.5 / 2.0	½	52	–	250***	1410 x 570 x 1550	217
SLDK-S 1,5*	160 / 6	–	1.5 / 2.0	½	52	–	2 x 20	1315 x 550 x 920	168
SLDK-S 2,2	238 / 9	195 / 7	2.2 / 3.0	½	55	53	250***	1410 x 570 x 1550	220
SLDK-S 2,2	238 / 9	195 / 7	2.2 / 3.0	½	55	53	2 x 20	1315 x 550 x 920	171
SLDK-S 3,7	397 / 14	–	3.7 / 5.0	½	54	–	250***	1410 x 570 x 1550	245
SLDK-S 4,5	–	405 / 15	4.5 / 6.0	½	–	54	250***	1410 x 570 x 1550	260
SLDK-S 5,5	627 / 22	520 / 19	5.5 / 7.5	½	59	57	250***	1410 x 570 x 1550	260

* with 230 V single phase motor; ** as per CAGI PNEUROP PN 8 NTC 2; *** optional with 500 litre air receiver

Options:	Item no.:
Electronic control RENNERtronic	10869
Electronic control RENNERtronic Plus	00829
SCROLLline SuperSilent 2.2 kW with 230 V single phase motor	05588
Rotation control via phase sequence relay	10867
Star-delta-starter 3.7 kW – 4.5 kW / 5.0 HP – 6.0 HP	02191
500 litre air receiver in place of 250 litre air receiver	10871



RENNER SCROLL Compressors

SCROLL^{line}
SuperSilent

SLM-S 7,5 – 22,0 as a multiple compressor system

SLKM-S 7,5 – 22,0 as a multiple compressor system with integrated refrigeration dryer

SLM-S 7,5 – 22,0 / SLKM-S 7,5 – 22,0

Model	Free air delivery l/min / cfm		Motor power kW / HP	Compressed air outlet inches	Noise level dB (A)**		Dimensions (L x W x H in mm)	Weight kg
	8 bar	10 bar			8 bar	10 bar		
SLM-S 7,5	794 / 28	–	7.5 / 10.0	½	58	–	1400 x 920 x 1020	320
SLM-S 9,0	–	810 / 29	9.0 / 12.0	½	–	59	1400 x 920 x 1020	350
SLM-S 11,0	1254 / 44	1040 / 37	11.0 / 15.0	½	61	60	1400 x 920 x 1020	350
SLM-S 13,5	–	1220 / 43	13.5 / 18.0	1¼	–	62	1400 x 920 x 1890	525
SLM-S 16,5	1881 / 66	1560 / 55	16.5 / 22.0	1¼	64	63	1400 x 920 x 1890	525
SLM-S 22,0	2510 / 89	2080 / 73	22.0 / 30.0	1¼	66	65	1400 x 920 x 1890	700
SLKM-S 7,5	794 / 28	–	7.5 / 10.0	½	58	–	1400 x 920 x 1020	351
SLKM-S 9,0	–	810 / 29	9.0 / 12.0	½	–	59	1400 x 920 x 1020	381
SLKM-S 11,0	1254 / 44	1040 / 37	11.0 / 15.0	½	61	60	1400 x 920 x 1020	392
SLKM-S 13,5	–	1220 / 43	13.5 / 18.0	1¼	–	62	1400 x 920 x 1890	597
SLKM-S 16,5	1881 / 66	1560 / 55	16.5 / 22.0	1¼	64	63	1400 x 920 x 1890	597
SLKM-S 22,0	2510 / 89	2080 / 73	22.0 / 30.0	1¼	65	66	1400 x 920 x 1890	784

*as per CAGI PNEUROP PN 8 NTC 2

Standard features:

Base load change over switch via RENNERtronic Plus

Loss free automatic condensate drain (only for SLKM-S)

Options:

Rotation control via phase sequence relay

Item no.:

10867

We reserve the right to make technical modifications.

Energy efficient

The SLM/SLM-S compressors are suitable for all important applications where efficiency and flexibility play a leading role. Unnecessary power consumption is prevented as only those units that are really needed operate.

There are no lead or run-on times for the compressors.

Easy to maintain and service

Every component is optimally accessible. In the SLM-S range, the individual units are mounted on telescopic slides and can be pulled out very easily from the housing for control and maintenance. This saves time and costs and increases customer satisfaction.

RENNER – THE SPECIALIST IN COMPRESSORS



Set up in 1994, this family run company employs a highly motivated and successful team specialising in the development and production of economic compressor systems. The structure and size of the company guarantees flexible decision-making and quick realisation, thereby ensuring optimal alignment of new developments to the needs of the market.

THE RENNER MANUFACTURING AND SUPPLY PROGRAMME:

We can supply you with the right compressor for any application – guaranteed.

SCREW COMPRESSORS:

- From 3.0 to 355.0 kW, also for oil-free compressed air of breathable quality
- Water-injected screw compressors from 18.5 to 85.0 kW 
- Up to 40 bar, e.g. for manufacture of PET bottles
- As compact units with compressed air tank, refrigerant drier and frequency control
- Special version with plate heat exchanger – save energy and money!
- Customised models, mobile/portable, built-in units, designed to customer specifications
- For special applications: gas compression, operation of drilling apparatus, rail and special-purpose vehicles

SCROLL COMPRESSORS:

- for oil-free compressed air from 1.5 to 22.0 kW



PISTON COMPRESSORS:

- from 1.5 to 11.0 kW
- stationary or mobile, with or without sound insulation

COMPRESSED AIR ACCESSORIES:

- Compressed air filters, air receivers, refrigeration dryers, adsorption dryers, condensate drains and oil/water separation systems

Supplied by your RENNER distributor:

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