

Manufacturer of Compressors
Hersteller von Kompressoren
Fabricant de Compresseurs



Made in
Germany



Your reliable partner for the supply of environmentally friendly compressed air, with minimal energy consumption and low servicing costs.

THE RS SCREW COMPRESSOR RANGE



Output: 3 – 55 kW

Operating pressures 7,5 - 10 - 13 - 15 barg

Screw Compressors

RENNER – Screw Compressors

High-quality economical products

The Company

RENNER, a family company, are specialists in the manufacture of screw compressors. From its location in the South of Germany the company has maintained rapid growth since being founded in 1994. Innovative development of quality products has allowed RENNER to successfully establish themselves in several interesting market segments. This has been achieved by working closely together with dealers in Germany, Europe and other parts of the world.

The hands-on management structure within the company ensure that the decision-making channels are short. Once taken, decisions can be quickly implemented and market requirements speedily assessed. In most cases customer-specific requests can be fulfilled without any problems.

At the beginning of 2000 the company opened a new production and administrative facility in Guglingen near Stuttgart. However, due to market demands for the Top Quality RENNER products, coupled with new product development another extension has already been completed.

The Product

Nowadays, for the relevant output range, oil-injected screw compressors represent the most modern and cost-effective method of generating compressed air. RENNER are the absolute experts in this type of compression. The output range stretches from 3 to 355 kW giving an end pressure of up to 15 bars.

RENNER screw compressors with their asymmetric profile are designed for rigorous industrial use.

When developing a product RENNER places great importance to the cost-effectiveness, long service life and relatively simple and low-cost maintenance features.

R ... ROBUST + RELIABLE

E ... EFFICIENT + COST-EFFECTIVE

N... NICE TEAM; WELL QUALIFIED

N... NOBODY BUT TRADE DEALERS

E ... EASY; RELATIVELY SIMPLE OPERATION

R ... REPAIR AND MAINTENANCE-FRIENDLY

... RENNER – **the** name in compressors!

Advantages

- **2-year fully functional guarantee**

- **Encapsulated air end:**

Compact design eliminates unwanted pipe work and potential oil leaks, as well as the need for pressure test certificates. Spin on & off separators save time and reduce maintenance costs.

- **Effective noise insulated canopy and multiple anti-vibration mountings:**

Exceptional low noise and vibration levels allow the RENNER compressors to be used in the work area.

- **Easy to remove doors:**

Very good access to the individual components and ease of maintenance result in low costs for the user.

- **Standard components:**

High quality German made parts and use of standard mineral oils ensure long life and low running costs.

- **Automatic belt tensioner:**

Ensures long belt life.

RS 3 – 45

RENNER – Screw Compressors from 3 – 45 kW

Modular construction with compact compression bloc
(no need for fault-intensive connecting pipes).

- Spin on/off separator element
- Low noise level
- Easy to remove door panels
- Optimum accessibility to all components
- Ready to connect with electric cable and ball valve
- Simple electric's and controls:
 - electro-pneumatic control unit/regulation
 - star-delta starter from 5,5 kW
 - full load / idle / shutdown control
- Optional electronic control with display

RENNER[®]
tronic



RS 55

RENNER – Screw Compressors upwards of 55 kW

Screw compressors for the larger requirements of compressed air:

Depending on your individual requirements within this range
RENNER can supply you with a complete solution for your
situation right through from the planning stage to final realisation.
Variable speed drive, heat recovery units and further design
variations are available to obtain optimum economic benefits.



RSD 3 – 15

RENNER – Screw Compressors on Pressure Vessels from 3 – 15 kW

Mounted on top of a horizontal pressure vessel.

Standard tank sizes:

RSD 3,0 – 9,0: 250 L

RSD 11,0 – 15,0: 500 L

Given normal operating conditions, this is a reasonable ratio of air supply to tank capacity. Different tank sizes are available to order.



RSDK 3 – 15

RENNER – Screw Compressors on Pressure Vessels with Refrigeration Dryer from 3 – 15 kW

The complete and compact compressed air station – saves space and time-consuming assembly on site!

- Refrigeration dryer with electronic condensate drain.

The unit is supplied ready for immediate operation at the place of installation. Just connect the power cable to a suitable supply and an air line to the air discharge valve (both supplied with unit).



RENNER – Piston Compressors from 1,1 – 11 kW

- For trade and industry
- Mobile and stationary
- Maximum pressure 10 or 15 bar
- Noise insulated

Technical Data:

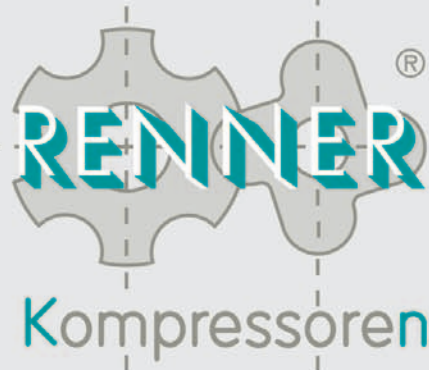
Type	f.a.d. m³/min / cfm at:								Motor power		Dimensions	Weight approx kg
	7,5 bar		10 bar		13 bar		15 bar		kW	HP	mm (width x depth x height)	
	cfm	m³/min	cfm	m³/min	cfm	m³/min	cfm	m³/min				
RS 3,0	15	0,41	12	0,32	9	0,24	8	0,21	3,0	4,0	567 x 764 x 900 mm	153
RS 4,0	20	0,56	17	0,46	13	0,35	11	0,30	4,0	5,5	567 x 764 x 900 mm	160
RS 5,5	28	0,77	23	0,65	19	0,53	16	0,45	5,5	7,5	567 x 764 x 900 mm	166
RS 7,5	39	1,10	34	0,95	26	0,74	23	0,63	7,5	10,0	567 x 764 x 900 mm	187
RS 9,0	—	—	39	1,09	31	0,86	27	0,75	9,0	12,0	567 x 764 x 900 mm	194
RS I-11,0	—	—	52	1,45	40	1,10	32	0,90	9,0	12,0	567 x 864 x 900 mm	216
RS 11,0	63	1,76	53	1,50	41	1,16	33	0,93	11,0	15,0	664 x 992 x 1117 mm	305
RS 15,0	79	2,24	70	1,96	54	1,51	44	1,24	15,0	20,0	664 x 992 x 1117 mm	319
RS 18,5	103	2,91	93	2,62	78	2,20	67	1,89	18,5	25,0	791 x 1281 x 1290 mm	532
RS 22,0	123	3,46	110	3,10	94	2,66	82	2,31	22,0	30,0	791 x 1281 x 1290 mm	547
RS I-30,0	155	4,38	142	4,01	125	3,52	107	3,02	30,0	40,0	791 x 1281 x 1290 mm	591
RS 2-30,0	179	5,05	152	4,28	133	3,76	120	3,40	30,0	40,0	931 x 1392 x 1574 mm	809
RS 37,0	218	6,15	185	5,24	161	4,56	147	4,15	37,0	50,0	931 x 1392 x 1574 mm	830
RS 45,0	257	7,25	230	6,51	196	5,55	178	5,03	45,0	60,0	931 x 1392 x 1574 mm	926
RS 55,0	329	9,30	282	7,96	237	6,70	208	5,87	55,0	75,0	1110 x 1505 x 1575 mm	1095
RSD* 3,0	15	0,41	12	0,32	9	0,24	8	0,21	3,0	4,0	567 x 1413 x 1435 mm	198
RSD* 4,0	20	0,56	17	0,46	13	0,35	11	0,30	4,0	5,5	567 x 1413 x 1435 mm	240
RSD* 5,5	28	0,77	23	0,65	19	0,53	16	0,45	5,5	7,5	567 x 1413 x 1435 mm	246
RSD* 7,5	39	1,10	34	0,95	26	0,74	23	0,63	7,5	10,0	567 x 1413 x 1435 mm	261
RSD* 9,0	—	—	39	1,09	31	0,86	27	0,75	9,0	12,0	567 x 1413 x 1435 mm	267
RSD* I-11,0	—	—	52	1,45	40	1,10	32	0,90	11,0	15,0	567 x 1810 x 1435 mm	342
RSD* 11,0	63	1,76	53	1,50	41	1,16	33	0,93	11,0	15,0	664 x 1810 x 1757 mm	431
RSD* 15,0	79	2,24	70	1,96	54	1,51	44	1,24	15,0	20,0	664 x 1810 x 1757 mm	444
RSDK** 3,0	15	0,41	12	0,32	9	0,24	8	0,21	3,0	4,0	567 x 1413 x 1435 mm	260
RSDK** 4,0	20	0,56	17	0,46	13	0,35	11	0,30	4,0	5,5	567 x 1413 x 1435 mm	280
RSDK** 5,5	28	0,77	23	0,65	19	0,53	16	0,45	5,5	7,5	567 x 1413 x 1435 mm	299
RSDK** 7,5	39	1,10	34	0,95	26	0,74	23	0,63	7,5	10,0	567 x 1413 x 1435 mm	314
RSDK** 9,0	—	—	39	1,09	31	0,86	27	0,76	9,0	12,0	567 x 1413 x 1435 mm	323
RSDK** I-11,0	—	—	52	1,45	40	1,10	32	0,90	11,0	15,0	567 x 1810 x 1757 mm	399
RSDK** 11,0	63	1,76	53	1,50	41	1,16	33	0,93	11,0	15,0	664 x 1810 x 1757 mm	488
RSDK** 15,0	79	2,24	70	1,96	54	1,51	44	1,24	15,0	20,0	664 x 1810 x 1757 mm	506

* Units with compressed air vessel: standard: 3 – 9 kW = 250 L, I-II – 15 kW = 500 L (other variations possible).

** Units similar to RSD (*), but with refrigeration dryer fitted.

Please note that the above is subject to alterations in design and dimensions.

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www.renner-compressors.com



The RENNER range:

- 3 – 355 kW screw compressors, available also for supplying oil-free compressed air of breathable quality
- Screw compressors up to 43 bar - also oil-free, e.g. for manufacturing PET bottles
- Screw compressors as compact units with tank and refrigeration dryer
- Screw compressors with frequency control
- Screw compressors as customised versions, mobile/portable, as built-in units, to meet customer's requirements
- Screw compressors for special applications: gas compression, drilling, rail and special vehicles
- Piston compressors, stationary or mobile, with or without sound insulation
- Compressed-air accessories: filters, refrigeration dryers, adsorption dryers, condensate drains and treatment systems.



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