



POWERFUL PERFORMANCE AND SERVICE  
LARGE SCREW COMPRESSORS MADE BY RENNER,  
FOR HIGH COMPRESSED AIR REQUIREMENTS  
RS 75 – RS 160



OUTPUT: 75-160 KW





## RENNER – THE EXPERT IN SCREW COMPRESSORS

Reliable compressed air supply that is also economical to run?

Long service life as big a selling factor as simple, cost-effective maintenance?

And all this for any industrial application with outputs ranging from 3 to 355 kW at discharge pressures of up to 15 bar?

For years RENNER has specialised in the development and production of oil-injected screw compressors – and thereby in honing the effectiveness of compressor units. Every RENNER compressor – standard equipment and customised products alike – conceals a wealth of professional expertise and years of experience. We can accommodate even the most unusual requests with speed and flexibility. A concept that works: today our family firm supplies customers of high repute in Germany, Europe and worldwide.





## RS 75 – RS 160: RENNER – THE BEAUTY IS IN THE DETAIL

What has the new series got to offer over and above the time-honoured RENNER design features?  
An innovative, user-friendly concept totally geared to performance and economy.



### Air end – reliable centrepiece

State-of-the-art production techniques guarantee the supreme precision of rotor pairs. The air end is located with a view to achieving optimum rotational speeds and low energy consumption.



### Sound insulation box – peace at last

We provide effective sound insulation as standard. A distortion-resistant sound insulation box reduces vibration and noise to extremely low levels. They can be reduced even further – with RENNER super sound insulation, which is available as an optional extra.



### Optimum accessibility – goodbye to servicing headaches

Maintenance and repair can be labour-intensive and cost-intensive – if the engineer finds it hard to reach the relevant components. You can take our word that this problem will soon be a thing of the past, because large removable doors are fitted as standard on RENNER compressors and the frame provides ample space for convenient layout of the components.



### Control – more security, less money

RENNERtronic is the name of the intelligent control system that will help you to optimise operational reliability and running costs.



### Drive – durable and consistently efficient

Reliable V-belt drive! RENNER design principles prevent reduced output and premature wear in this essential drive component: the pivoting base suspension keeps tightening the V-belt automatically.



### Extras

#### Frequency control – the cost-effective solution

Do your compressed air requirements vary greatly or would you like to integrate the compressor into a larger station?

This control technology enables you to optimise applications in these operating conditions. The frequency converter is integrated in the cool, dust-free area of the system. [More extras on request, e.g. water-cooled version!](#)

## Technical data RS 75 – RS 160

Model	Delivery rate m <sup>3</sup> /min at:				kW	Dimensions (W x D x H in mm)	Weight (kg)
	7,5 bar m <sup>3</sup> /min / cfm	10 bar m <sup>3</sup> /min / cfm	13 bar m <sup>3</sup> /min / cfm	15 bar m <sup>3</sup> /min / cfm			
RS 75,0	12,10 / 427	10,35 / 366	9,20 / 325	8,10 / 286	75	1350 x 2110 x 1930	1810
RS 1-90,0	13,65 / 482	12,20 / 431	10,85 / 383	9,40 / 332	90	1350 x 2110 x 1930	1910
RS 2-90,0	15,55 / 549	13,70 / 484	12,15 / 429	10,60 / 375	90	1350 x 2110 x 1930	1985
RS 110,0	18,50 / 653	15,90 / 561	13,85 / 489	12,45 / 440	110	1640 x 2580 x 1980	3200
RS 132,0	23,45 / 828	20,40 / 720	17,75 / 627	16,20 / 572	132	1640 x 2580 x 1980	3400
RS 160,0	27,90 / 985	24,85 / 877	21,60 / 763	19,65 / 694	160	1640 x 2580 x 1980	3650

## Technical data RSF 75 – RSF 160

Model	Delivery rate m <sup>3</sup> /min at:				kW	Dimensions (W x D x H in mm)	Weight (kg)
	7,5 bar m <sup>3</sup> /min / cfm / m <sup>3</sup> /min / cfm	10 bar m <sup>3</sup> /min / cfm / m <sup>3</sup> /min / cfm	13 bar m <sup>3</sup> /min / cfm / m <sup>3</sup> /min / cfm	15 bar m <sup>3</sup> /min / cfm / m <sup>3</sup> /min / cfm			
RSF 75,0	2,78 98 / 12,10 427	2,28 81 / 10,35 366	2,10 74 / 9,20 325	1,86 66 / 8,10 286	75	1350 x 2110 x 1930	1885
RSF 1-90,0	2,86 101 / 13,65 482	2,56 90 / 12,20 431	2,27 80 / 10,85 383	1,97 70 / 9,40 332	90	1350 x 2110 x 1930	1990
RSF 2-90,0	3,27 115 / 15,55 549	2,88 102 / 13,70 484	2,43 86 / 12,15 429	2,23 79 / 10,60 375	90	1350 x 2110 x 1930	2065
RSF 110,0	4,60 169 / 18,50 653	4,15 147 / 15,90 561	3,65 129 / 13,85 489	3,10 109 / 12,45 440	110	1640 x 2580 x 1980	3300
RSF 132,0	6,10 215 / 23,45 828	5,05 178 / 20,40 720	4,25 150 / 17,75 627	4,05 143 / 16,20 572	132	1640 x 2580 x 1980	3500
RSF 160,0	6,95 245 / 27,90 985	6,20 219 / 24,85 877	5,60 198 / 21,60 763	5,10 180 / 19,65 694	160	1640 x 2580 x 1980	3750



## MORE AIR, MORE EFFICIENCY: NEW SERIES RS 75 – RS 160

Are your compressed air requirements as great as your demands for quality and economy? Then RENNER's large screw compressors are the solution for you, because this is where innovative compressor technology meets high serviceability and robust construction with useful extras. In pressure and power levels ranging from 7.5 to 15 bar and 75, 90, 110, 132, 160 kW. RS 75 – RS 160: the logical continuation of RENNER products in the top performance range.

### PLUS POINTS AT A GLANCE

- + 2-year warranty
- + Compact and clear layout
- + Low-noise and low-vibration design
- + Maintenance-friendly due to accessibility of components
- + Top-quality standard components made by German manufacturers guaranteeing quality and prompt supply of spare parts
- + Long service life thanks to intelligent design details like the automatic V-belt tensioning device or the cooling air system guaranteeing optimum compressed air temperatures
- + High cooling air flow rate with excellent residual compression







## RENNER GmbH Kompressoren

Emil-Weber-Straße 32  
D - 74363 Güglingen

Tel. +49 (0) 7135 / 93 193 - 0  
Fax +49 (0) 7135 / 93 193 - 50

eMail [info@renner-kompressoren.de](mailto:info@renner-kompressoren.de)  
[www.renner-kompressoren.de](http://www.renner-kompressoren.de)

### Made in Germany



Reg.-Nr.: Q1 0205013

RENNER local dealer

## MAKE MORE OF A STIR – WITH THE COMPLETE RENNER COMPRESSOR RANGE

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

### SCREW COMPRESSORS:

- ▶ From 3 – 355 kW, also for oil-free compressed air in breathable air quality
- ▶ Up to 43 bar / oil-free, e.g. for PET bottle manufacture
- ▶ As compact units with air vessel and refrigerant dryer
- ▶ Special version with plate heat exchanger – save energy and money!
- ▶ Specially designed model: mobile, portable or built-in unit
- ▶ For special applications: gas compression, operation of drilling apparatus, rail and special-purpose vehicles

### PISTON COMPRESSORS:

Stationary or mobile, with or without sound insulation

### COMPRESSED AIR ACCESSORIES:

Filter, Refrigerant dryer, Adsorption dryer, Condensate Management