



SCR compressors

product range overview



Sino-Japanese joint venture for the production of efficient compressors

SCR - compressors for the 21st century

Shanghai Screw Compressor Co., Ltd (SCR) is a manufacturing company established in 2000, focusing on innovation, research, development, production, sales and service in the field of industrial compressors. The SCR production plant is a modern facility with more than 250 employees on an area of over 80,000 m². More than 10% of the staff is in the engineering division with a focus on research and development.

SCR's product portfolio consists of energy-efficient screw compressors, including oil-free and two-stage solutions. SCR manufactures in accordance with ISO 9001 standards, holds CE certification for the European market, UL for the US market, Class Zero certification for oil-free machines and the performance of all machines manufactured is audited by SGS.

After more than 20 years of development, SCR has entered into strategic collaborations with many partners and its products are exported to more than 80 countries worldwide.

In 2018, SCR started a strategic cooperation in the form of a joint venture with Japanese manufacturer Anest Iwata, which implemented its quality and technology control system at SCR, helping to develop and bring new, energy-efficient solutions and even more reliable compressors to the market.



80,000
square meters
of production area



83
countries with a
commercial presence



50,000
compressor
users



140,000
units of compressors
manufactured since 2000

Product range overview

SCR-PM2

variable speed compressors
with direct drive
and PM-motor IE4

IE4



Power: 7.5 - 15 kW
Pressure: 7 / 8 / 10 bar
FAD: 57 - 144 Nm³/h

SCR-PM

variable speed compressors
with direct drive
and PM-motor IE4

IE4



Power: 22 - 75 kW
Pressure: 7 / 8 / 10 bar
FAD: 48 - 798 Nm³/h

SCR-EPM2

variable speed compressors
with direct drive
and PM-motor IE4

IE4



Power: 55 - 160 kW
Pressure: 7 / 8 / 10 bar
FAD: 600 - 1 980 Nm³/h

SCR-D

fixed speed compressors,
direct drive with coupling



Power: 22 - 55 kW
Pressure: 7 / 8 / 10 bar
FAD: 192 - 612 Nm³/h

SCR-II

fixed speed compressors,
direct drive with coupling



Power: 90 - 400 kW
Pressure: 7 / 8 / 10 / 12,5 bar
FAD: 750 - 4 146 Nm³/h

SCR-DV

variable speed compressors,
direct drive with coupling



Power: 22 - 200 kW
Pressure: 7 / 8 / 10 / 12,5 bar
FAD: 210 - 2 106 Nm³/h



oil-free



PM-motor IE4



speed control



2 stage



low pressure



VSD fan

SCR-H

2-stage screw compressors
with fixed speed (H)
or variable speed (HV)



Power: 90 - 315 kW
Pressure: 7 / 8 / 10 / 12,5 bar
FAD: 840 - 4 080 Nm³/h

SCR-LB

low-pressure screw compressors
with fixed speed (LB) or speed control
and PM motor (LBPM)



Power: 37 - 200 kW
Pressure: 1,5 / 3 / 4 / 5 bar
FAD: 720 - 3 000 Nm³/h

SCR-M

fixed speed compressors
with V-belt transmission



Power: 5,5 - 75 kW
Pressure: 7 / 8 / 10 / 12,5 bar
FAD: 36 - 798 Nm³/h

SCR-XA

oil-free
scroll compressors



Power: 2,2 - 45 kW
Pressure: 8 / 10 bar
FAD: 18 - 300 Nm³/h

SCR-G

oil-free screw compressors,
two-stage with fixed speed



Power: 55 - 250 kW
Pressure: 7 / 8 / 10 bar
FAD: 462 - 2 700 Nm³/h

SCR-GV

oil-free screw compressors,
two-stage with variable speed



Power: 37 - 280 kW
Pressure: 7 / 8 / 10 bar
FAD: 276 - 2 910 Nm³/h

Save up
to 50% of energy



Maximum energy saving

We don't make compressors to be cheap, we make them to produce compressed air as cheaply as possible. Most of our series are therefore equipped with the latest technologies to achieve exceptional energy savings, such as:

- two-stage compression with significantly higher efficiency than a single-stage compressor
- direct connection 1 : 1 between airend and motor without any losses
- optimised low-pressure versions for glass, cement and textile plants
- effective oil-free solutions for the food, beverage, medical and pharmaceutical industries
- permanent magnet electric motors with IE4 efficiency
- oil or liquid motor cooling
- economical motor and fan speed control
- sophisticated controllers for optimal pressure setting and operation planning

With all the energy saving solutions, you get a compressor with the SCR brand that will help you reduce your energy costs to the maximum.

More than 140 000 installations

Over the past 20 years, more than 140 000 SCR compressors have been installed worldwide, often subjected to the harshest operating conditions, from Scandinavian freezing temperatures and desert dust to the high temperatures and extreme humidity of Latin America and Indochina.

Thanks to their state-of-the-art components and precise production control system, SCR compressors have stood up to the toughest tests in industry, energy and other areas with a need for highly efficient compressed air production.

Since 2020, the SCR brand is newly represented in the Czech Republic and we believe that it will gain a large number of satisfied users in our country as well.





Distributor of SCR compressors
for the Czech and Slovak Republics:



VSK Profi, s.r.o.
Hřbitovní 1324/27a
312 00 Plzeň - Doubravka

Phone +420 377 152 230
+420 377 152 211
E-mail info@scr-kompresory.cz
Website www.scr-kompresory.cz

Your expert dealer: