



SCR compressors

product range overview 2025



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

Standard screw compressors



PM2



Power input: 7,5 - 15 kW

Pressure: 10 bar

Direct drive
PM-motor IE4
Speed control
Compressor + air receiver
Controller SOP-20

APM Mini



Power input: 3 - 5,5 kW

Pressure: 10 bar

Direct drive
PM-motor IE4
Speed control
Based / 3-in-1 sets
Controller IT7000

APM



Power input: 7,5 - 75 kW

Pressure: 7 - 16 bar

Direct drive
PM-motor IE4
Speed control
Speed control fan
Controller IT7000

High effective screw compressors



EPM



Power input: 15 - 45 kW

Pressure: 7 - 10 bar

Direct drive
PM-motor IE4
Speed control
Speed control fan
Controller SCR9000

EPM2



Power input: 55 - 220 kW

Pressure: 7 - 10 bar

One-stage 55 - 160 kW
Two-stage 200 - 220 kW
Direct drive
PM-motor - liquid-cooled
Speed control
Controller SCR9000

H/HV



Power input: 90 - 315 kW

Pressure: 7 - 13 bar

Two-stage
Drive with gearbox
Asynchronous motor IE3/IE4
Fixed speed H / speed control HV
Controller SCR9000

Oil-free compressors



XA



Power input: 2,2 - 30 kW

Pressure: 7 - 10 bar

Scroll compressors
V-belt drive
Asynchronous motor IE3
Fixed speed
Controller SCR9000

GPM2



Power input: 37 - 110 kW

Pressure: 7 - 10 bar

Screw compressors
Two-stage
Direct drive
PM-motor IE4 - oil-cooled
Speed control
Controller SCR9000

G/GV



Power input: 37 - 280 kW

Pressure: 7 - 10 bar

Screw compressors
Two-stage
Drive with gearbox
Asynchronous motor IE3/IE4
Fixed speed / speed control
Controller SCR9000

Low pressure and vacuum solutions



VSPM



Power input: 11 - 90 kW

Pressure: 0,5 mbar (abs)

Screw vacuum pumps
Oil-lubricated
PM-motor IE4
Speed control
Controller SCR9000

CB/CH



Power input: 25 - 400 kW

Pressure: 0,3 - 8 bar

Oil-free turbo blowers
One-stage CB - 0,3 - 1,5 bar
Two-stage CH - 2 - 8 bar
Direct drive
Magnetic levitation bearings
PM-motor - high-speed
Speed control

LBPM/LHPM



Power input: 37 - 250 kW

Pressure: 1,5 - 5 bar

Low pressure screw compressors
Oil-lubricated
One-stage LBPM - direct drive
Two-stage LHPM - gearbox
PM-motor IE4, speed control
Speed control fan
Controller SCR9000

Already almost 1000 installations in the Czech and Slovak Republics!

Although the SCR brand has only been present on the Czech and Slovak markets since 2021, it has gained the favor of many customers, from smaller workshops to very large production and energy operations. With almost 1000 installations in such a short time, it is the most dynamic brand on the market.



Always something extra!

The biggest warehouse in Czech Republic

in the central warehouse in Pilsen, there are around 100 SCR compressors with power inputs up to 110 kW available for immediate delivery of the compressor station

Compressor rental

we have dozens of screw compressors available for short-term and long-term rental with a power input of up to 132 kW

Guarantee 5 years

we are confident in the quality of SCR compressors and therefore offer an extended 5-year unlimited warranty with no limitation on the number of operating hours for most compressors.

Long-term rentals SCRent

if you need a new compressor and don't have the investment funds available, no problem! We have a long-term rental financial program for our compressors, SCRent



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for the Czech and Slovak Republics:



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