

STRONG

Oil injected
Compressors



STRONG

STRONG 7

STRONG 11

STRONG 15

STRONG 22

STRONG 30

STRONG 37

STRONG 45

STRONG 55

STRONG 75

STRONG 90

STRONG 110

STRONG 132

STRONG 160

STRONG 200

STRONG 250

STRONG 315

STRONG 2S

The Powerful One

Oil-injected screw compressors with direct drive, speed control and permanent magnet motor 7.5-315 kW



STRONG 55

STRONG Speed-controlled screw compressors with direct drive and permanent magnet motor 7.5-75 kW



Screw compressor STRONG

| Model | Nominal power | Volume flow | | | Dimensions | | | Weight | Sound level |
|-----------|---------------|-----------------------|--------|---------|------------|-------|--------|--------|-------------|
| | | 8 bar | 10 bar | 12 bar* | Length | Width | Height | | |
| | [kW] | [m ³ /min] | | | [mm] | [mm] | [mm] | [kg] | [dB(A)] |
| STRONG 7 | 7,5 | 1,15 | 1,12 | --- | 900 | 650 | 1.050 | 205 | 68 +/-2 |
| STRONG 11 | 11 | 1,85 | 1,73 | --- | 1.232 | 800 | 1.215 | 365 | 68 +/-2 |
| STRONG 15 | 15 | 2,23 | 2,10 | 1,83 | 1.232 | 800 | 1.215 | 365 | 68 +/-2 |
| STRONG 22 | 22 | 3,75 | 3,72 | 2,77 | 1.352 | 900 | 1.350 | 490 | 68 +/-2 |
| STRONG 30 | 30 | 5,25 | 4,97 | 3,47 | 1.432 | 1.000 | 1.480 | 699 | 68 +/-2 |
| STRONG 37 | 37 | 6,30 | 5,63 | 5,26 | 1.432 | 1.000 | 1.480 | 705 | 68 +/-2 |
| STRONG 45 | 45 | 7,80 | 7,68 | 5,17 | 1.830 | 1.290 | 1.855 | 1.315 | 72 +/-2 |
| STRONG 55 | 55 | 9,63 | 8,97 | 7,37 | 1.830 | 1.290 | 1.855 | 1.360 | 72 +/-2 |
| STRONG 75 | 75 | 12,67 | 11,30 | 9,23 | 1.830 | 1.290 | 1.855 | 1.430 | 72 +/-2 |

Performance data according to ISO 1217, annexe C
 Technical changes and mistakes reserved

* optional



Warranty: 2 years or 5 years with Conclusion of a "worry-free" contract

Calculable service costs and no unpleasant surprises due to unforeseen repairs

Our **STRONG** series is the champion of energy-efficient compressors.

By using Permanent Magnet Motors, the efficiency of such a compressor is up to 10 percent better than of a compressor with an asynchronous motor (compared to a speed-controlled compressor with three-phase asynchronous motor).

The advantages for our customers:

Due to the permanent magnet motors used, the efficiency of such a compressor is another 1 to 10 % better than that of a compressor with conventional motors (three-phase asynchronous motor)

Due to the considerably higher energy density of the permanent magnet motor, compared to the asynchronous motor, such a motor with the same power can be up to two sizes smaller. This makes it possible to make the compressor more compact overall, which means lower costs and often less space requirement for you.

Thanks to the special design of the permanent magnet motor, the compressor has an almost constant high energy efficiency over the entire control range of the machine, which means you save energy permanently, no matter how much compressed air the compressor supplies.

Our **STRONG** compressors are not only quiet, they always deliver exactly the amount of compressed air you need.

Thanks to the super-intelligent controls, you are always in the picture regarding the condition of the compressor. Intuitive touch-screen user guidance makes it easy to operate the compressor.

Do you need the compressor data live in a control room or on your smartphone / tablet? This is also no problem for our control system. Appropriate additional software makes it possible.

Screw compressor STRONG 2S

By using a 2-stage compression process the air is compressed in 2 steps from ambient pressure to final pressure. Between these two compression stages the air is cooled down.

This type of compression requires considerably less energy than single-stage compressors.

The advantages for our customers:

Due to the permanent magnet motors used, the efficiency of such a compressor is another 1 to 10 % better than that of a compressor with conventional motors (three-phase asynchronous motor)

The 2-stage compression provides additional energy savings

Thanks to the super-intelligent controls, you are always in the picture regarding the condition of the compressor. Intuitive touch-screen user guidance makes it easy to operate the compressor



STRONG Speed-controlled screw compressors with direct drive and permanent magnet motor 90-315 kW



Screw compressors STRONG

| Model | Nominal power | Volume flow | | | Dimensions | | | Weight | Sound level |
|------------|---------------|-----------------------|--------|-------------|------------|-------|--------|--------|-------------|
| | | 8 bar | 10 bar | 12 bar | Length | Width | Height | | |
| | [kW] | [m ³ /min] | | | [mm] | [mm] | [mm] | [kg] | [dB(A)] |
| STRONG 90 | 90 | 16,53 | 13,90 | 12,11 | 2.500 | 1.750 | 1.800 | 2.450 | 75 +/-2 |
| STRONG 110 | 110 | 20,00 | 17,00 | 14,21 | 2.500 | 1.750 | 1.800 | 2.500 | 75 +/-2 |
| STRONG 132 | 132 | 23,00 | 21,00 | 16,32 | 2.500 | 1.750 | 1.800 | 2.600 | 75 +/-2 |
| STRONG 160 | 160 | 27,60 | 24,50 | 18,89 | 3.230 | 2.060 | 2.100 | 3.850 | 75 +/-2 |
| STRONG 200 | 200 | 31,00 | 30,36 | 20,64 | 3.500 | 2.100 | 2.100 | 4.500 | 82 +/-2 |
| STRONG 250 | 250 | 41,40 | 40,60 | auf Anfrage | 3.860 | 2.160 | 2.660 | 6.000 | 82 +/-2 |
| STRONG 315 | 315 | 50,09 | 49,20 | auf Anfrage | 3.200 | 2.100 | 2.250 | 4.700 | 80 +/-2 |

Performance data according to ISO 1217, annexe C
 Technical changes and mistakes reserved



Warranty: 2 years or 5 years with Conclusion of a "worry-free" contract

Calculable service costs and no unpleasant surprises due to unforeseen repairs

Our large compressors > 75kW of the STRONG series are not only directly driven and speed controlled, but are also all equipped with permanent magnet motors, of efficiency class IE4, as standard.

The advantages for our customers:

No energy losses due to the direct drive compared to machines that use a gearbox between motor and compressor stage

No additional maintenance costs for a gearbox

Due to the speed control, the machine always adapts automatically to the required compressed air consumption

The use of permanent magnet motors with the highest efficiency class IE4 guarantees top efficiency over the entire control range. This means that, unlike conventional compressors, the STRONG series compressor also operates at optimum efficiency when not operated at "best point"

Manageable maintenance costs through maintenance intervals of 4,000 operating hours

Control system

Compressors of the STRONG series are equipped with our 6080 control system as standard.

The advantages for our customers:

6 digital inputs and 6 relay outputs

Large colour 7" touch screen display

Operation in a network as master or slave with up to 15 other compressors

Bearing temperature monitoring and phase sequence monitoring

Monitoring and display of the current consumption and display of the cumulated energy demand

MODBUS interface

Remote on/off

Assignment of the inputs/outputs with different messages



Speed-controlled screw compressors with direct drive and permanent magnet motor 90-315 kW



Fixed piping for a long service life

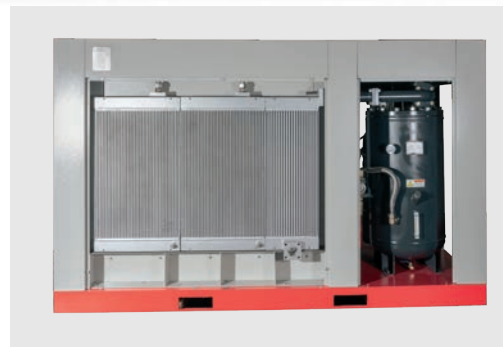


High-performance compressor airoend for highly efficient compression



Oversized coolers for excellent cooling

Oil tank with integrated highly efficient oil fine separation



STRONG

The Powerful One



Intelligent controller with many options



Powerful frequency converter for optimal operation

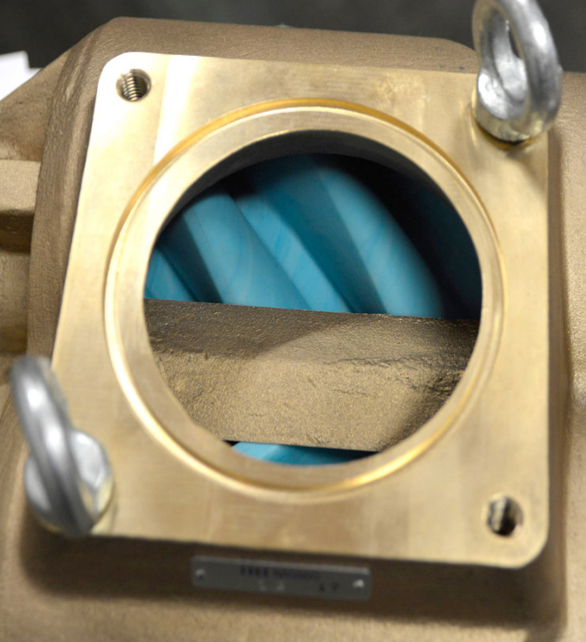


High efficient permanent magnet motor



Warranty: 2 years or 5 years with Conclusion of a "worry-free" contract

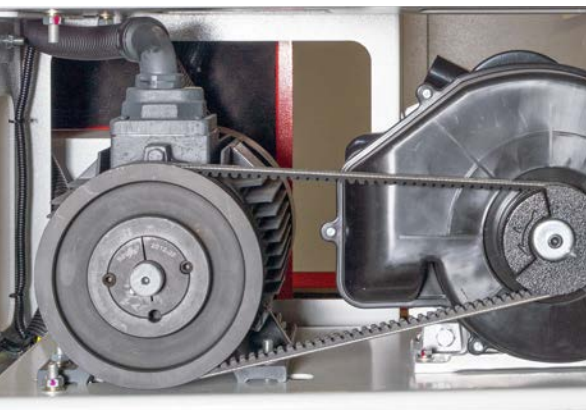
Calculable service costs and no unpleasant surprises due to unforeseen repairs



SCC Original Spare parts

SCC quality only offers you advantages.

Original SCC parts meet the highest quality standards and stand for tested safety and durability. Our manufacturer's specifications for spare parts as well as comprehensive controls and tests guarantee the highest level of functionality, ease of installation and reliability.



The advantages for our customers:

SCC original spare parts are of high quality and are particularly durable and reliable

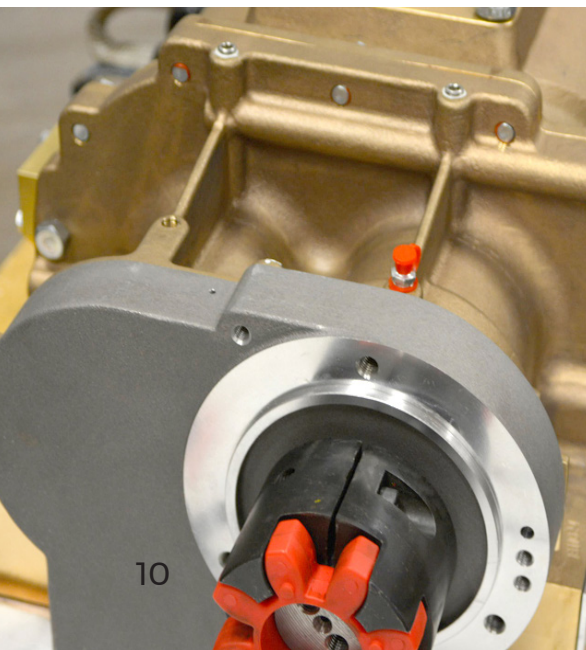
SCC original spare parts are continuously checked and developed to the current state of the art standards

Original SCC spare parts can be supplied and installed quickly through our extensive SCC dealer network

Original SCC spare parts offer excellent value for money



There is no reason to do without original spare parts. With our name we stand for quality, durability and sustainable development.



SCC-Oil

SCC-M - 100% mineral oil

SCC-TS - Semi-synthetic oil

To avoid damage and premature wear, always use original SCC compressor oil. Due to its high wear protection properties, SCC compressor oils ensure very good lubrication during operation and thus extend the service life of the compressor element. At the same time, they reduce operating costs.

Original - SCC compressor oils are adapted to the machine types and operating conditions. With our oils they cover both demanding and hard operating conditions.

SCC-M - 100% mineral oil

High-quality ageing-resistant special raffinates, particularly oxidation-resistant, corrosion-protective, with wear protection and additives that prevent the deposition of oxidation residues.

SCC-TS - Semi-synthetic oil

Semi-synthetic base oils and the latest additive technology achieve maximum service life through excellent oxidation and temperature stability.





Maintenance

With our SCC compressors you are always on the safe side. Long maintenance intervals reduce your costs for maintenance to a minimum.

Our compressors are designed to offer you a high reliability of operation to make sure you have no unnecessary stand still in your production.

Our maintenance plans give you a perfect overview about costs and give you safety in cost planning.

The parts for the necessary maintenance are packed together in maintenance kits. So we make sure you have all parts to hand and nothing is forgotten.

In case you need to change a part you can identify it easily with our customer friendly parts lists.



Warranty

All our compressors have a 2 year warranty as standard. So you are safe and in control of your costs.

Additionally we offer in cooperation with our service partners a 5 year extended warranty. By paying a small fee you can minimise your risk of unplanned costs. Speak with your SCC representative today for further details.

Service

We only deliver our compressors where we are sure that you have a competent partner for undertaking the service work close by. The service provider will ensure that you will receive a service that is tailored for you, to make sure the compressor is running trouble free.

All our sales and service partners are trained on our compressors so they can maintain and repair SCC compressors with the skills required.

With a large warehouse for spares and service parts we make sure that we can deliver all parts within 24 hours after receiving your order.

Additionally we offer our customers a technical hotline to make sure you get help and assistance speedily.

For us, to have a lasting and close relationships with our customers is key. This is the philosophy of our company and our employee's. If our customers are happy, we at SCC Air Compressors, are happy.

Webshop

In our webshop you can order parts and machines at any time of the day or night. So you are flexible and we can take care of your orders without delay.

SCC “Plus” Compressors



“Made in Germany” at the headquarters in Wendlingen, near Stuttgart.

Made in Germany is not only a designation of origin for us. As a German company, it is important for us to develop and refine our compressors in Germany. Our products “Made in Germany” impress with their excellent quality and advanced technology. But also, the environmental aspect does not come off badly, so we generally design the machines in such a way that a long service life is guaranteed and all efficiency criteria are achieved in the near future.

In addition to a large number of oil-lubricated screw compressors, we also manufacture project-related compressors at our site in Wendlingen near Stuttgart, as well as our portfolio of oil-free screw compressors.

Compressors from Wendlingen offer you added value and are therefore marked with a “Plus”.



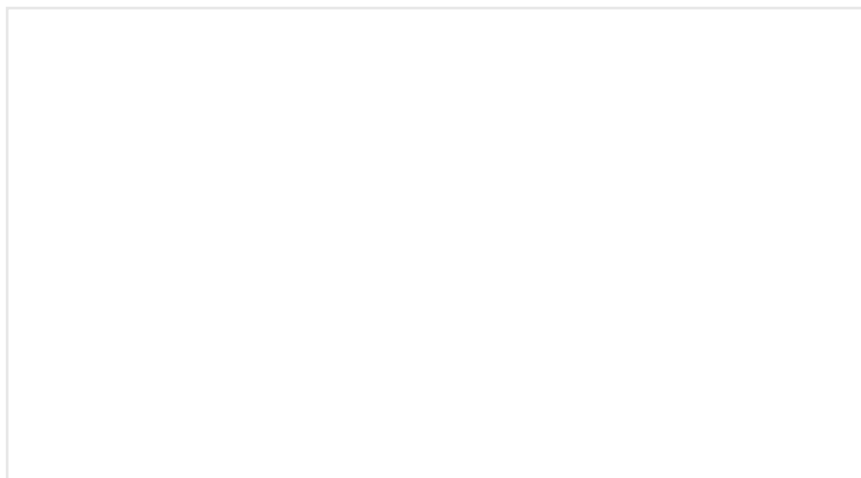
Smart. Clever. Cost efficient.

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