



STRONG

OIL-INJECTED
SCREW COMPRESSOR • 7,5 - 250 KW

SCC'S UNCOMPROMISING COMPRESSED AIR SOLUTIONS WITH THE BEST PRICE-PERFORMANCE RATIO

SCC air compressors stands for quality, innovation and unbeatable value for money. Our high-performance compressed air solutions – from oil-free and oil-injected compressors to modern treatment systems – offer maximum efficiency and durability, ideal for small workshops to large industrial plants.

Our products combine state-of-the-art technology with energy efficiency to reduce your operating costs and protect the environment. Thanks to simple maintenance and reliable operation, they also impress under demanding conditions.

As a strong partner, we support you from consultation to maintenance. With SCC, you benefit from innovative technologies and economical solutions that revolutionise your compressed air supply.

STRONG – The powerful one
High energy efficiency and robust design –
reliable even in shift operation



STRONG 11-15

OVERVIEW OF STRONG MODELS

STRONG 7	7,5 kW · 8 bar · 10 bar	01
STRONG 11	11 kW · 8 bar · 10 bar	02
STRONG 15	15 kW · 8 bar · 10 bar	03
STRONG 18	18,5 kW · 8 bar · 10 bar	04
STRONG 22	22 kW · 8 bar · 10 bar	05
STRONG 30	30 kW · 8 bar · 10 bar	06
STRONG 37	37 kW · 8 bar · 10 bar	07
STRONG 45	45 kW · 8 bar · 10 bar	08
STRONG 55	55 kW · 8 bar · 10 bar	09
STRONG 75	75 kW · 8 bar · 10 bar	10
STRONG 90	90 kW · 8 bar · 10 bar	11
STRONG 110	110 kW · 8 bar · 10 bar	12
STRONG 132	132 kW · 8 bar · 10 bar	13
STRONG 160	160 kW · 8 bar · 10 bar	14
STRONG 200	200 kW · 8 bar · 10 bar	15
STRONG 250	250 kW · 8 bar · 10 bar	16

Find out more about the technical performance values on page 7.

OVERVIEW OF CUSTOMER BENEFITS

The STRONG is a powerful screw compressor designed for demanding industrial applications—robustly built yet energy-efficient. As a speed-controlled unit with a power range of 15 to 250 kW, it continuously adjusts its output to actual demand and operates economically, especially under partial load conditions. The IE4 permanent magnet motor ensures high efficiency and consistently low energy costs.



IDEAL FOR CHANGING COMPRESSED AIR REQUIREMENTS

Thanks to the integrated speed control, the STRONG compressor adapts continuously to the current air requirement. This means that only as much compressed air is generated as is actually needed. This reduces unnecessary idle times and lowers energy consumption in the long term. The compressor works particularly efficiently in partial load operation – a decisive advantage over conventional systems.



HIGH ENERGY EFFICIENCY IN PARTIAL LOAD OPERATION

Many compressors lose efficiency at low loads. The STRONG compressor, on the other hand, uses its speed-controlled technology to operate economically even in the partial load range. As a result, companies benefit from significantly lower energy costs and an overall improvement in operating efficiency.



QUIET OPERATION FOR A PLEASANT WORKING ENVIRONMENT

Another advantage is the particularly quiet operation at low load. This ensures a pleasant background noise level at the workplace and makes the STRONG compressor ideal for environments where noise reduction plays an important role.



GENTLE SOFT START AND LOW CURRENT PEAKS

The integrated soft start enables the motor to start up gently and significantly reduces current peaks. This protects electrical components and ensures more stable operation of the entire system. At the same time, the load on the electricity grid is reduced.



STRONG THE POWERFUL ONE

Its solid construction and high-quality components ensure reliable operation in two- and three-shift operations, even under demanding conditions. Constant temperatures and powerful cooling ensure stable compressed air—the STRONG combines robustness with sustainable operational efficiency.



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LONGER SERVICE LIFE AND GREATER OPERATIONAL RELIABILITY

Gentle operation and intelligent partial load control mean that mechanical components are subjected to less stress. This extends the service life of the motor and increases the reliability of the entire system. Companies benefit from lower maintenance costs and higher availability.



EFFICIENT COOLING THANKS TO HIGH RESIDUAL PRESSURE OF THE FAN

Another advantage of the STRONG compressor is the high residual pressure of the fan, which ensures reliable and effective cooling. This ensures that all relevant components are kept at the optimum temperature, even under high loads or in demanding environments. The improved cooling capacity contributes significantly to operational safety, reduces the risk of overheating and supports the compressor's consistently high performance.



LOW ENERGY COSTS

The IE4 permanent magnet motor ensures high efficiency and optimum power output – especially in the partial load range, where many compressors waste energy.



5-YEAR FREE WARRANTY

If the maintenance intervals are adhered to with SCC original parts and oils.



C80 control unit

THE C80 CONTROL UNIT

The SPEED 2S is equipped with the C80 control unit, which SCC also uses in other compressors rated at 30 kW or higher—for intelligent control and monitoring during daily operation.



REMOTE CONTROL

Remote start and stop—via switches, pushbuttons, or separate on/off signals.



AUTOMATIC RESTART

Automatic restart after a power outage, without manual intervention.



PARALLEL OPERATION OF UP TO 16 COMPRESSORS (BLOCK MODE/GLW)

Without an additional master controller, with integrated base-load switching to ensure even load distribution across all units.



MODBUS COMMUNICATION

Integration into higher-level systems via Modbus RTU (RS485) – for centralized data exchange and monitoring.



PROGRAMMABLE INPUTS

External warning and error signals can be individually assigned and linked to other systems.



TIME AND PRESSURE SCHEDULES

Operating hours and pressure ranges can be customized—for demand-driven, energy-efficient operation.



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STRONG PERFORMANCE VALUES

Model	Nominal Power	Nominal Flow			Dimensions			Weight	Sound Level
		8 bar	10 bar	12 bar	Length	Width	Height		
	[kW]	[m³/min]			[mm]	[mm]	[mm]	[kg]	[dB(A)]
STRONG 7*	7,5	0,23 - 1,05	0,19 - 0,95	0,43-0,77	952	650	1.050	205	62 +/-3
STRONG 11	11	0,78 - 1,83	0,76 - 1,61	-	1.232	800	1.215	350	65 +/-3
STRONG 15*	15	0,78 - 2,35	0,76 - 2,11	1,22 - 1,90	1.232	800	1.215	350	65 +/-3
STRONG 18*	18,5	1,89 - 3,18	1,87 - 2,77	1,42 - 2,27	1.352	900	1.350	500	65 +/-3
STRONG 22**	22	1,89 - 3,64	1,87 - 3,16	1,42 - 2,89	1.352	900	1.350	500	65 +/-3
STRONG 30*	30	2,16 - 5,25	2,13 - 4,62	1,35 - 4,10	1.432	1.000	1.480	670	68 +/-3
STRONG 37*	37	2,77 - 6,00	2,38 - 5,08	2,36 - 4,62	1.432	1.000	1.480	675	68 +/-3
STRONG 45	45	2,84 - 8,13	2,83 - 7,33	2,50 - 6,10	1.830	1.260	1.843	1.350	72 +/-3
STRONG 55	55	3,56 - 9,96	3,55 - 9,25	2,80 - 7,40	1.830	1.260	1.843	1.400	73 +/-3
STRONG 75	75	4,89 - 12,50	4,85 - 11,22	3,20 - 9,30	1.830	1.260	1.843	1.450	74 +/-3
STRONG 90	90	5,52 - 15,78	4,59 - 13,14	4,54 - 12,23	2.082	1.710	2.060	2.000	75 +/-3
STRONG 110	110	7,60 - 18,54	5,45 - 16,53	5,41 - 15,57	2.714	1.910	1.870	2.500	75 +/-3
STRONG 132	132	7,40 - 21,30	7,31 - 20,62	7,19 - 19,20	2.714	1.910	1.870	2.800	78 +/-3
STRONG 160	160	10,01 - 25,13	9,95 - 23,63	-	2.934	2.300	1.980	3.850	82 +/-3
STRONG 200	200	11,6 - 30,5	11,5 - 30,4	-	3.532	2.200	2.095	4.800	82 +/-3
STRONG 250	250	14,6 - 40,7	14,5 - 37,0	-	4.110	2.162	2.662	5.900	84 +/-3

Leistungsdaten gemäß ISO 1217, Annexe E.

Technische Änderungen und Irrtum vorbehalten.

*Als Option auch in 13 bar Ausführung erhältlich.

** Als Option auch in 15 bar Ausführung erhältlich.



ABOUT US

SCC air compressors is a provider of innovative compressed air solutions specialising in maximum efficiency, reliability and quality at the best price-performance ratio. With a wide range of industrial air compressors and compressed air accessories, we offer customised solutions for various industries, from manufacturing to medical technology.

Our products are characterised by advanced technology and environmental awareness. We focus on long-term partnerships with our customers and suppliers in order to achieve sustainable success together. We combine the tried and tested with the new and focus on loyalty, responsibility and environmental protection. Open to innovation and reliable in all areas - these are our principles.

Our employees are the driving force behind our success, and their motivation helps us to find solutions and dare to try new things. Our customers are at the centre of everything we do, and we build on respect, honesty and long-term relationships. Thanks to carefully selected suppliers, we can guarantee the quality of our products and work together successfully.

Our mission: quality, innovation and sustainability – for compressed air solutions that increase efficiency and create real added value.



SMART. CLEVER. COST EFFICIENT.

These characteristics are reflected in every component. Our technologies not only offer outstanding efficiency, but also help you to reduce operating costs. So you benefit from reliable performance and a sustainable investment for the future.



UNBEATABLE PRICE-PERFORMANCE RATIO

Our compressors combine top performance, high efficiency and low operating costs – for a long-term profitable investment.



HIGHEST QUALITY

Quality is our top priority – thanks to state-of-the-art technology and stringent controls, our compressors offer maximum reliability and durability.



TÜV ISO 9001 CERTIFIED

Tested top quality – TÜV ISO 9001 certification makes SCC air compressors a safe choice.



VDMA AND BRITISH COMPRESSED AIR SOCIETY MEMBER

As a member of the VDMA and the British Compressed Air Society, we benefit from a strong international network and dialogue with industry experts.

OUR SERVICES

Our services and performance offer you customised solutions for maximum efficiency and reliability. As experts in compressor technology, we understand the requirements of your industry and ensure that you always get the best performance. From selecting the right compressor to long-term maintenance, we offer you everything you need to optimise your operations. Rely on our many years of experience and innovative technology to make your production processes safe and sustainable.



COMPREHENSIVE ADVICE

SCC is your competent partner for all aspects of your compressed air station and compressed air application, whether it is a planned new purchase, addition or revision of the existing compressed air system or because you simply want to be sure that your compressed air system is running efficiently. With our expertise and experience, we can help you to find the best possible solution to your problem.



MAINTENANCE AND SERVICE

From checking the installation to optimising energy consumption, we offer comprehensive services for your compressed air station. We check your system for faults and leaks, analyse the compressed air demand with our data logger and simulate the optimum setting for your compressors. In this way, we help you to reduce costs and extend the service life of your devices.



TRAINING

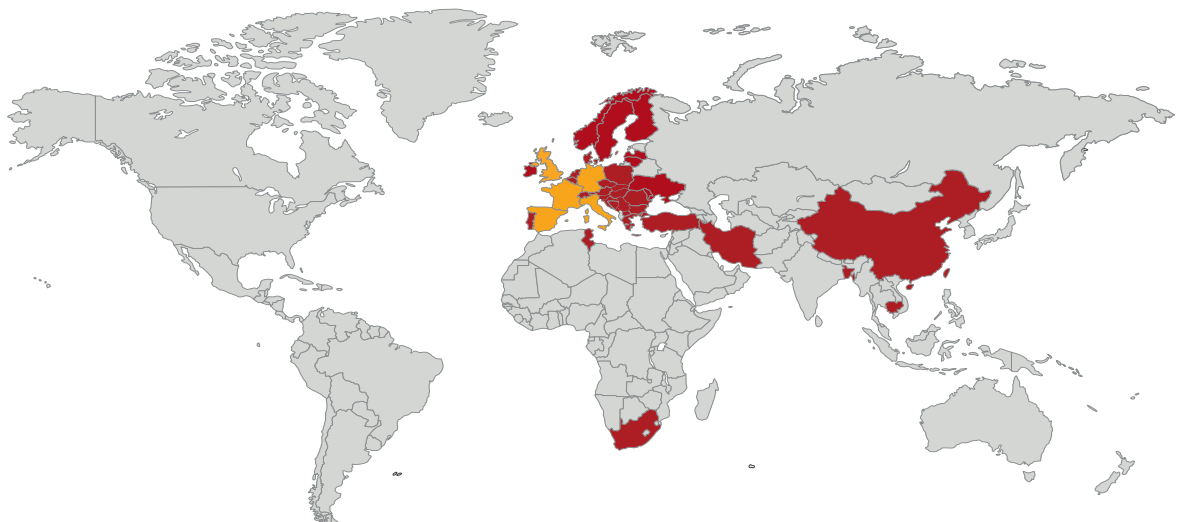
We provide you with practical knowledge and specialised knowledge of compressors, compressed air systems and their maintenance. This enables you to increase the efficiency of your systems, recognise potential faults at an early stage and reduce operating costs in the long term. Contact us to find out more about our training programme.

Our services increase your efficiency and ensure the long-term operation of your systems.



EUROPE-WIDE SALES AND SERVICE NETWORK

Our head office is located in Wendlingen am Neckar near Stuttgart. We support our Europe-wide dealer network and our direct customers via our branches in the UK, Italy and Spain as well as our sales organisation in France. This ensures that you always have a competent contact person close to you.





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