



# SMART SMART TD

OIL-INJECTED  
SCREW COMPRESSOR • 4 - 22 KW

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

SCC air compressors stand 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.

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## **SMART - The reliable one** **Robust in continuous operation –** **insensitive to dust, moisture and** **voltage fluctuations**



SMART 4-7 TD

## OVERVIEW OF SMART AND SMART TD MODELS

|             |                                 |    |
|-------------|---------------------------------|----|
| SMART 4     | 4 kW · 8 bar · 10 bar           | 01 |
| SMART 5     | 5,5 kW · 8 bar · 10 bar         | 02 |
| SMART 7     | 7,5 kW · 8 bar · 10 bar         | 03 |
| SMART 11    | 11 kW · 8 bar · 10 bar          | 04 |
| SMART 15    | 15 kW · 8 bar · 10 bar          | 05 |
| SMART 18    | 18 kW · 8 bar · 10 bar          | 06 |
| SMART 22    | 22 kW · 8 bar · 10 bar · 15 bar | 07 |
| SMART 4 TD  | 4 kW · 8 bar · 10 bar           | 08 |
| SMART 5 TD  | 5,5 kW · 8 bar · 10 bar         | 09 |
| SMART 7 TD  | 7,5 kW · 8 bar · 10 bar         | 10 |
| SMART 11 TD | 11 kW · 8 bar · 10 bar          | 11 |
| SMART 15 TD | 15 kW · 8 bar · 10 bar          | 12 |
| SMART 18 TD | 18,5 kW · 8 bar · 10 bar        | 13 |

Find out more about the technical performance values on page 9.

# OVERVIEW OF CUSTOMER BENEFITS

The SMART is a reliable screw compressor designed for the demanding day-to-day use in workshops and industrial settings—robust and space-saving. With a fixed speed and a belt-driven IE3 motor, it is designed for continuous full-load operation and delivers stable compressed air even under consistently high loads. The generously sized compressor stage operates at low speeds—which reduces wear and extends service life.



## EASY MAINTENANCE AND EFFICIENT POWER TRANSMISSION

The belt-driven drive ensures reliable and efficient power transmission. At the same time, the design enables easy maintenance and quick adjustment during service work.



## HIGH EFFICIENCY THANKS TO LOW SPEEDS

The generously dimensioned compressor stage operates at low speeds. This reduces wear, improves efficiency and increases service life.



## STABLE IN CONTINUOUS FULL-LOAD OPERATION

The construction is designed for continuous operation under constant load and is particularly suitable for applications with permanently high compressed air requirements where stable performance is required.



## SET UP, CONNECT AND SWITCH ON



Our compressors offer maximum performance and efficiency and undergo stringent ISO quality testing at our headquarters in Wendlingen. This ensures that you receive a flawless device that is ready for immediate use - without additional commissioning

# SMART THE RELIABLE ONE

Resistant to dust and moisture, it remains reliable even in demanding environments. Thanks to simple maintenance and intuitive controls, the SMART is the reliable choice for small to medium-sized businesses.



## RELIABLE MOTOR

The powerful IE3 motor offers high efficiency and is protected against dust and splash water. This makes it ideal for continuous use in demanding environments.



## PLANNED MAINTENANCE, HIGH AVAILABILITY

Long maintenance intervals for oil, air filters and oil separator elements reduce running costs and increase operational reliability.



## TRANSPARENCY AT A GLANCE

The SCC control system clearly displays all relevant operating data, including pressure, temperature, maintenance status and running times.

SMART 11-15

## 5-YEAR FREE WARRANTY



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

# SMART TD – THE “ALL-IN-ONE” SOLUTION ON CONTAINER WITH DRYER

Our TD series is the ideal all-in-one solution for anyone looking for a compact compressed air supply that is ready for immediate use. Thanks to the sophisticated design, there is no need for time-consuming piping work - simply connect the power supply, connect the compressed air connection to the consumer network or appliance and start straight away. The oil-injected screw compressors on containers with integrated dryer offer a nominal output of 4 to 18.5 kW. Choose from eight models, from the SMART 4



## PLUG & PLAY

Our SMART-TD series offers a complete compressed air solution that is ready for immediate use. No time-consuming piping, no complicated installation - simply connect the compressor to the power supply, connect the compressed air connection to the consumer network or appliance and get started straight away.



## COMPACTNESS

The compact design saves space, while the integrated dryer ensures dry, high-quality compressed air. Perfect for anyone looking for a reliable, efficient and uncomplicated solution!



## SUPER SILENCED

Thanks to its low noise emissions, this compressor can be installed almost anywhere without affecting the working environment. Whether in workshops or directly in production halls - the quiet operation enables flexible use, even in noise-sensitive areas. So you benefit from efficient compressed air without disturbing noise.



TD to the SMART 18 TD, to find the right solution for your needs. Thanks to their compact design, the TD units can be installed in a space-saving manner. The integrated dryer ensures high compressed air quality by preventing the formation of condensation and protecting downstream devices. At the same time, the low residual oil content in the compressed air contributes to environmental protection.



SMART 4-7 TD



### HIGH QUALITY COMPRESSED AIR

Thanks to the integrated drying technology, no condensation forms in the compressed air, which protects all downstream devices and extends their service life. In addition, the low residual oil content in the compressed air ensures more environmentally friendly operation and protects the environment from unnecessary pollution. This means you benefit from reliable, clean compressed air while protecting the environment at the same time.



### INTEGRATED PRE- AND AFTER-FILTER

The pre- and after-filters (fine filters) ensure a consistently high compressed air quality by reliably removing impurities. This keeps the compressed air clean and protects your devices from wear. This guarantees optimum performance and longer maintenance intervals for greater efficiency and reliability.



### FIXED SPEED

The SMART and SMART TD series always operates at a constant output and reliably delivers the full flow rate as soon as the compressor is switched on. This proven technology ensures a robust, simple and low-maintenance solution. Ideal for applications with a constant air requirement – efficient, uncomplicated and economical.

## APPLICATION IN THE INDUSTRY

Compressed air is an indispensable part of modern industrial processes - from manufacturing and construction to automotive and metalworking. Our oil-lubricated compressors provide a reliable, powerful and energy-efficient compressed air supply for numerous industrial applications.



### WORKSHOPS & TRADE

Reliable compressed air for typical applications in day-to-day operations.



### PRODUCTION HALLS

Supply of machines and consumers in small to medium-sized companies.



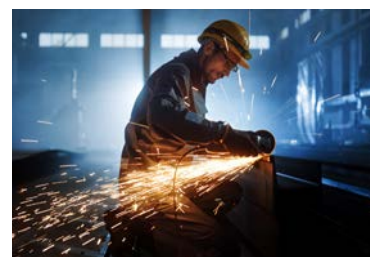
### OPERATING BUILDING/TECHNICAL ROOM

Flexible installation thanks to low noise emissions.



### ANY MANY MORE

Our compressors provide reliable, pure compressed air for numerous industries such as painting, electronics, energy supply and chemicals, as well as many other applications.





SMART 18

## SMART & SMART TD PERFORMANCE VALUES

| Model        | Nominal Power | Nominal Flow |        |         |        | Dimensions |       |        | Weight | Sound Level |
|--------------|---------------|--------------|--------|---------|--------|------------|-------|--------|--------|-------------|
|              |               | 8 bar        | 10 bar | 12 bar* | 15 bar | Length     | Width | Height |        |             |
|              | [kW]          | [m³/min]     |        |         |        | [mm]       | [mm]  | [mm]   | [kg]   | [dB(A)]     |
| SMART 4      | 4             | 0,63         | 0,51   | 0,45    | -      | 900        | 600   | 1040   | 190    | 62 +/-3     |
| SMART 5      | 5,5           | 0,73         | 0,56   | 0,48    | -      | 900        | 600   | 1.040  | 225    | 62 +/-3     |
| SMART 7      | 7,5           | 1,04         | 0,97   | 0,77    | -      | 900        | 600   | 1.040  | 230    | 62 +/-3     |
| SMART 11     | 11            | 1,56         | 1,56   | 1,25    | -      | 1.030      | 850   | 1.280  | 350    | 65 +/-3     |
| SMART 15     | 15            | 2,20         | 1,93   | 1,80    | 1,42   | 1.030      | 850   | 1.280  | 360    | 65 +/-3     |
| SMART 18     | 18,5          | 2,96         | 2,55   | 2,36    |        | 1.130      | 850   | 1.360  | 450    | 68 +/-3     |
| SMART 22     | 22            | 2,33         | 2,31   | 2,28    | 2,23   | 1.230      | 1000  | 1.393  | 500    | 65 +/-3     |
| SMART 4 TD * | 4             | 0,63         | 0,51   | 0,45    | -      | 1.546      | 722   | 1.710  | 380    | 62 +/-2     |
| SMART 5 TD*  | 5,5           | 0,73         | 0,56   | 0,48    | -      | 1.546      | 722   | 1.710  | 415    | 62 +/-2     |
| SMART 7 TD * | 7,5           | 1,04         | 0,97   | 0,77    | -      | 1.550      | 740   | 1.710  | 420    | 62 +/-3     |
| SMART 11 TD* | 11            | 1,56         | 1,56   | 1,25    | -      | 1.996      | 926   | 1.795  | 550    | 65 +/-3     |
| SMART 15 TD* | 15            | 2,20         | 1,93   | 1,80    | 1,42   | 1.996      | 926   | 1.795  | 560    | 65 +/-3     |
| SMART 18 TD* | 18,5          | 2,60         | 2,55   | 2,36    | -      | 2.190      | 1.063 | 1.874  | 700    | 68 +/-3     |

Performance data according to ISO 1217, Annexe C.

Subject to technical changes and errors excepted.

\* Tank 1\*270 l horizontal for 4-7.5 kW, 2\*125 l horizontal for 11-18.5 kW

Dryer dew point +5°C

## SCC OIL

To avoid damage and premature wear, you should always use original SCC compressor oil. Due to their high anti-wear properties, SCC compressor oils ensure very good lubrication during operation and therefore 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. Our oils cover both demanding and tough operating conditions.

### SCC-M OIL 100 % - MINERAL OIL

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

### SCC-VS OIL FULLY SYNTHETIC OIL

Fully synthetic oil is a highly developed lubricant. It reduces wear, minimise deposits and ensures stable performance at extreme temperatures, reducing maintenance costs and extending service life.





## SCC ORIGINAL- SPARE PARTS

SCC original spare parts meet the highest quality standards and stand for tested safety and durability. Our manufacturer specifications for spare parts as well as comprehensive checks and tests guarantee maximum functionality, ease of installation and reliability.



### HIGH QUALITY

SCC original spare parts stand for the highest quality, exceptional durability and maximum reliability. Every spare part is regularly subjected to stringent tests to ensure consistently high performance. Thanks to continuous further development, they are always state of the art and fulfil the highest demands.



### FAST DELIVERY

SCC original spare parts are always available quickly and reliably thanks to our extensive dealer network. Our partners ensure that the required parts are delivered quickly and installed professionally. In this way, we guarantee minimum downtimes and smooth maintenance of your systems.



### FAIR PRICE-PERFORMANCE RATIO

SCC original spare parts impress with an excellent price-performance ratio that optimally combines quality and economy. They offer a long service life and reliable performance, which can reduce costs in the long term. Customers benefit from a product that is both technically and financially convincing.



## 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.

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**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.

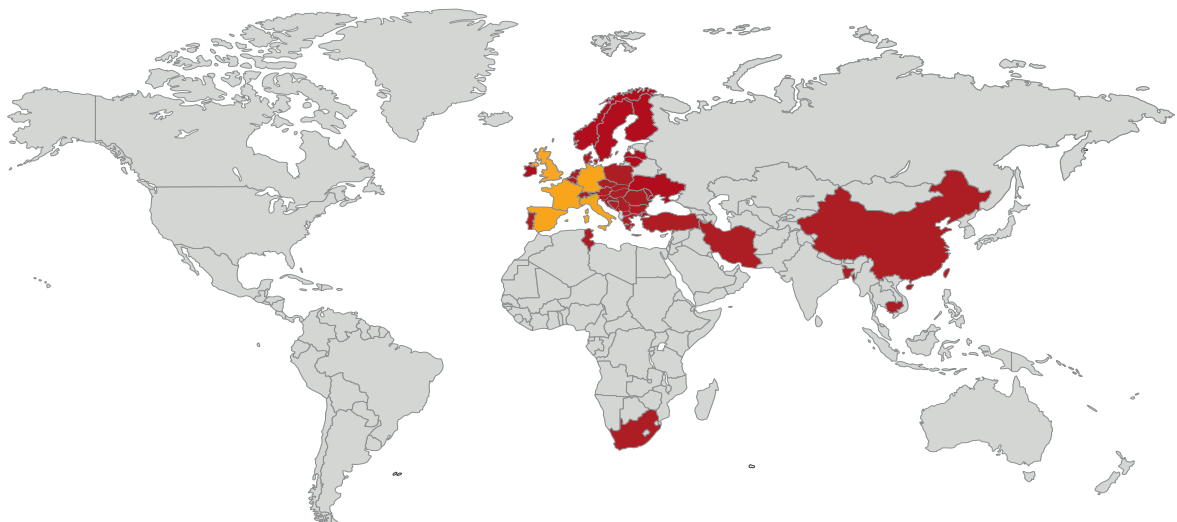
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**Our services increase your efficiency and ensure the long-term operation of your systems.**



## 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.





## CONTACT US



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