

# SMART

Oil injected  
Compressors



# SMART

SMART 4

SMART 5

SMART 7

SMART 11

SMART 15

SMART 18

SMART 4 TD

SMART 5 TD

SMART 7 TD

SMART 11 TD

SMART 15 TD

SMART 18 TD

# The low cost one

Oil-injected screw compressors 4-18.5 kW



SMART 7

## SMART Oil injected screw compressors 4-18.5 kW



### Screw compressor SMART:

Model	Nominal power	Volume flow			Dimensions			Weight	Sound level
		8 bar	10 bar	12 bar*	Length	Width	Height		
	[kW]	[m <sup>3</sup> /min]			[mm]	[mm]	[mm]	[kg]	[dB(A)]
SMART 4	4	0,63	0,62	0,37	820	730	880	190	62 +/-2
SMART 5	5,5	0,86	0,81	0,48	900	600	1.040	235	62 +/-2
SMART 7	7,5	1,10	1,06	0,85	900	600	1.040	240	62 +/-2
SMART 11	11	1,66	1,64	1,26	1.030	850	1.280	360	65 +/-2
SMART 15	15	2,25	1,97	1,79	1.030	850	1.280	360	65 +/-2
SMART 18	18	2,97	2,94	2,10	1.130	850	1.360	460	68 +/-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 SMART series is the customer-friendly solution for a simple but efficient compressed air supply with high compressed air quality. Easy to install, extremely quiet, customer-friendly in maintenance and space-saving, it is suitable for almost any installation site.

#### Belt drive

- Efficient power transmission
- Easy maintenance by replacing the belt
- Double protection for the motor

#### Large compressor stage

- Slow speeds and therefore longer service life
- Lower temperatures and therefore longer maintenance intervals

#### High motor efficiency

- Contributes to the protection of the environment through low energy consumption
- Is protected against dust and spray water
- Possesses a high efficiency due to its winding

#### Meets the conditions of the Ecodesign Directive 2020

- Exceeds the European Commission limits for energy consumption and has significantly lower electricity costs compared to conventional screw compressors

#### Long maintenance intervals

- Long maintenance intervals for the replacement of the oil filter, air filter and oil separator element reduce maintenance costs

#### Low noise emissions, super silenced

- Calculable realistic service costs and no unpleasant surprises due to unforeseen repairs



## TD-Anlagen TD systems Oil-injected screw compressors on receiver with dryer 4-18.5 kW



SMART 7 TD

### Screw compressor SMART TD on receiver with dryer

Model	Nominal power	Volume flow			Dimensions			Weight	Sound level
		8 bar	10 bar	12 bar **	Length	Width	Height		
	[kW]	[m <sup>3</sup> /min]			[mm]	[mm]	[mm]	[kg]	[dB(A)]
SMART 4 TD*	4	0,63	0,62	0,37	1.879	765	1.670	464	63 +/-2
SMART 5 TD*	5,5	0,86	0,81	0,48	1.879	765	1.670	425	63 +/-2
SMART 7 TD*	7,5	1,10	1,06	0,85	1.879	765	1.670	430	63 +/-2
SMART 11 TD*	11	1,66	1,64	1,26	1.962	920	1.765	580	66 +/-2
SMART 15 TD*	15	2,25	1,97	1,79	1.962	920	1.765	580	66 +/-2
SMART 18 TD*	18	2,97	2,94	2,10	2.120	990	1.840	710	69 +/-2

\* Tank 1\*270 l horizontal for 4-7.5 kW, 2\*125 l horizontal for 11-18.5 kW  
Dryer Dew point +5°C

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 TD series is the ideal “all in one” solution for our customers who prefer a compact solution. No pipe work, everything is ready, just plug in the power, connect the compressed air supply to the consumer network or device and you are ready to go...

### The advantages for our customers:

Compact design, low space requirement

---

Due to the small space requirement this machine fits almost everywhere

---

Plug & Play

---

- No complex piping necessary and easy to connect

High compressed air quality through integrated dryer

---

- No condensation of water in the compressed air and thus protection of all downstream equipment
- Low residual oil content in the compressed air and thus protection of the environment

Low noise emissions, super silenced

---

- Due to the low noise emissions this compressor can be installed almost anywhere

Integrated filters

---

- Due to the already installed pre- and fine filters (option), a consistently high quality of compressed air is guaranteed for the generated compressed air

With or without speed control

---

- Our compact units are also available as speed-controlled units, i.e. the compressor always produces exactly as much compressed air as you need

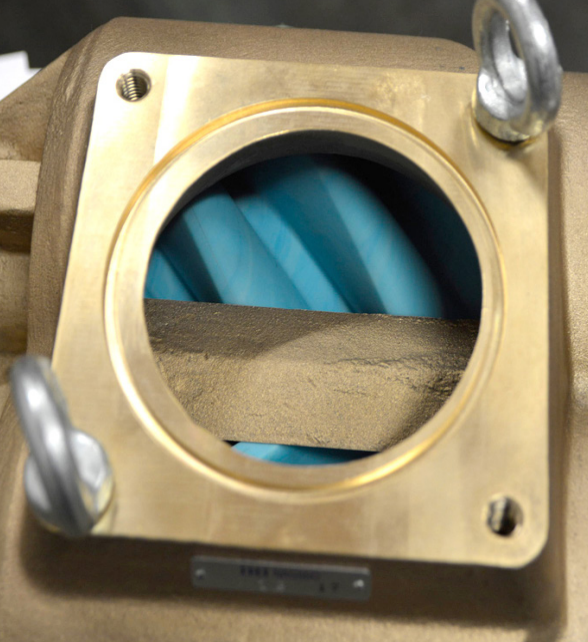


SMART 7 TD



SMART 11 TD

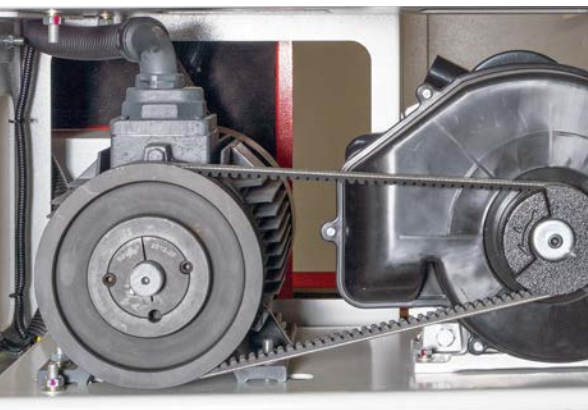




# SCC Original Spare parts

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

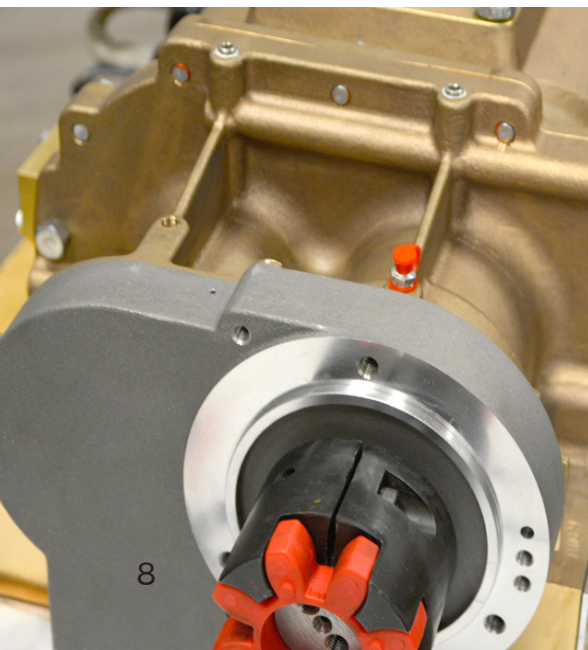
---

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.

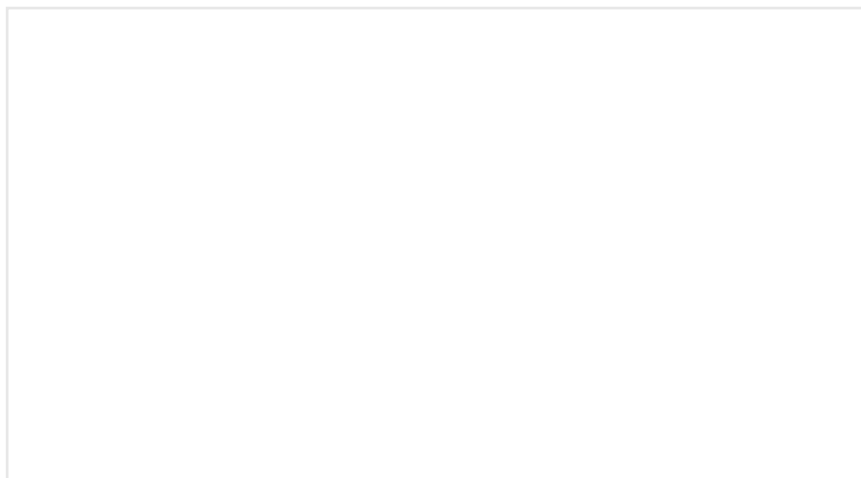
For us, to have a lasting and close relationships with our customers is key. This is the philosophy of our company and our employee's. If our customers are happy, we at SCC Air Compressors, are happy.

## 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.**

**Tolpec GmbH**  
**Wertstr. 44**  
**D-73240 Wendlingen**

T. +49 7022 789 604 0  
M. [contact@scc-aircompressors.com](mailto:contact@scc-aircompressors.com)  
W. [www.scc-aircompressors.com](http://www.scc-aircompressors.com)



Catalogue\_SMART\_EN\_05\_2020