



Oil injected
Compressors

Oil-free
Compressors



Smart. Clever. Cost efficient.





MODEL:

SMART (TD)

4-9

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Warranty.

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Made in Germany

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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



SMART 7

SMART 11

Screw compressor SMART:

Model	Nominal power	Volume flow			Dimensions			Weight	Sound level
	[kW]	8 bar	10 bar	12 bar*	Length	Width	Height		
		[m³/min]			[mm]	[mm]	[mm]	[kg]	[dB(A)]
SMART 4	4	0,63	0,62	0,37	900	600	1.040	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	18,5	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

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

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

- You can install this compressor almost anywhere thanks to its low noise level



SMART 11



SMART 7

TD systems Oil-injected screw compressors on receiver with dryer 4-18,5 kW



SMART 7 TD Plus

Screw compressor SMART TD on receiver with dryer

Model	Nominal power	Volume flow			Dimensions			Weight	Sound level
	[kW]	[m³/min]			[mm]	[mm]	[mm]	[kg]	[dB(A)]
SMART 4 TD *	4	0,63	0,62	0,37	1.879	765	1.670	425	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*	18,5	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

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

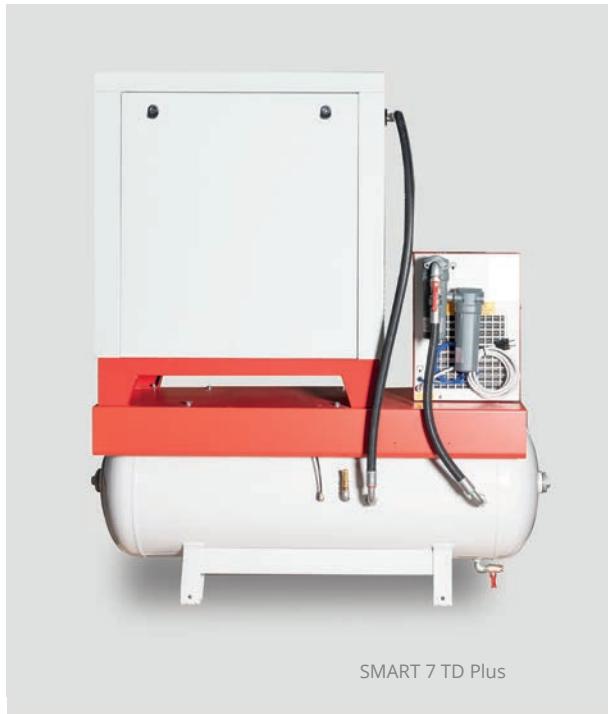
- Due to the low noise emissions this compressor can be installed almost anywhere

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



SMART 7 TD Plus



SMART 7 TD Plus

FOCUS

FOCUS 22

FOCUS 30

FOCUS 37

FOCUS 45

FOCUS 55

FOCUS 75

FOCUS 90

FOCUS 110

FOCUS 132

FOCUS 160

FOCUS 200

FOCUS 250

FOCUS 315

The Thrifty

Oil-injected screw compressors 22-315 kW



FOCUS 75

FOCUS Oil-injected screw compressors with direct drive 22-315 kW



FOCUS 55

Screw compressor FOCUS

Model	Nominal power	Volume flow			Dimensions			Weight	Sound level
		8bar	10bar	12 bar*	Length	Width	Height		
	[kW]	[m³/min]			[mm]	[mm]	[mm]	[kg]	[dB(A)]
FOCUS 22	22	3,74	3,33	2,70	1.300	850	1.210	484	70 +/-2
FOCUS 30	30	5,29	4,50	4,17	1.530	970	1.350	753	68 +/-2
FOCUS 37	37	6,30	5,60	5,11	1.530	970	1.350	780	68 +/-2
FOCUS 45	45	7,70	7,07	6,24	1.680	1.000	1.490	826	72 +/-2
FOCUS 55	55	9,50	9,12	7,72	1.800	1.150	1.654	1.260	72 +/-2
FOCUS 75	75	13,52	11,80	10,19	2.000	1.210	1.545	1.880	72 +/-2
FOCUS 90	90	15,40	14,90	11,40	2.100	1.300	1.900	2.080	65 +/-2
FOCUS 110	110	20,00	17,00	14,60	2.800	1.900	1.690	2.850	68 +/-2
FOCUS 132	132	23,00	21,00	18,60	2.800	1.900	1.690	3.200	75 +/-2
FOCUS 160	160	27,60	24,60	20,40	3.200	2.030	2.100	3.850	75 +/-2
FOCUS 200	200	29,98	29,80	20,60	3.500	2.100	2.100	4.500	82 +/-2
FOCUS 250	250	40,74	40,60	on request	3.820	2.100	2.165	4.800	85 +/-2
FOCUS 315	315	49,36	49,20	on request	4.100	2.000	2.200	8.500	75 +/-2

Performance data according to ISO 1217, annexe C

Technical changes and mistakes reserved

* optional



Warranty: 2 years or 5 years

Calculable service costs and no unpleasant surprises due to unforeseen repairs

Our FOCUS series is fully designed for energy saving. This gives our customers a great cost-benefit effect and contributes to the careful use of our energy resources.

The advantages for our customers:

Loss-free power transmission from motor to Compressor stage

- Energy efficient thus reducing electricity costs

Small footprint

- Space-saving technology, which also allows installation in confined spaces
- Good accessibility for all service and maintenance work

Reduced wear and tear

- No need to replace the drive belts and therefore lower maintenance costs
- Longer service life of the compressor stage due to a significant reduction of the radial load on the bearings

Reliability

- No risk of drive belt failure due to breakage or wear

Highly efficient IE3 motors contribute to significant energy reduction

Easy to use control system that shows you all important values in a clear and concise display

Good accessibility to the compressor

- Clear and structured design of compressor guarantees easy access from all directions

Considerable reduction of noise emissions due to direct drive

- Considerable lower investment costs due to no need of additional protection against noise

Motors operate with low speed and oversized air ends resulting in long maintenance intervals and reduction of maintenance costs



FOCUS 30



FOCUS 30

The Powerful One

Oil-injected screw compressors with
direct drive, speed control and permanent
magnet motor 7,5-250 kW



STRONG 55

STRONG

STRONG 7

STRONG 11

STRONG 15

STRONG 18

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 Speed-controlled screw compressors with direct drive and permanent magnet motor 7,5-75 kW



STRONG 55

Screw compressor STRONG

Model	Nominal power [kW]	Volume flow		Dimensions			Weight [kg]	Sound level [dB(A)]
		8 bar [m³/min]	10 bar * [m³/min]	Length [mm]	Width [mm]	Height [mm]		
STRONG 7	7,5	0,32-1,15	0,32-1,12	900	650	1.050	205	68 +/-2
STRONG 11	11	0,51-1,85	0,51-1,73	1.232	800	1.215	365	68 +/-2
STRONG 15	15	0,69-2,23	0,69-2,10	1.232	800	1.215	365	68 +/-2
STRONG 18	18,5	1,10-3,05	1,10-3,01	1.352	900	1.350	485	68 +/-2
STRONG 22	22	1,10-3,89	1,10-3,75	1.352	900	1.350	490	68 +/-2
STRONG 30	30	1,77-5,25	1,74-4,62	1.432	1.000	1.480	699	68 +/-2
STRONG 37	37	2,55-6,30	2,53-5,63	1.432	1.000	1.480	705	68 +/-2
STRONG 45	45	3,33-8,05	3,31-7,22	1.800	1.210	1.834	1.315	72+/-2
STRONG 55	55	2,80-9,82	2,76-8,97	1.800	1.210	1.834	1.400	72+/-2
STRONG 75	75	4,21-12,67	4,21-11,30	1.830	1.290	1.855	1.430	72+/-2

Performance data according to ISO 1217, annexe C

Technical changes and mistakes reserved

* Also available as a 12/13 bar version

Warranty: 2 years or 5 years



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



STRONG Speed-controlled screw compressors with direct drive and permanent magnet motor 90-250 kW



STRONG 160

Screw compressors STRONG

Model	Nominal power	Volume flow		Dimensions			Weight	Sound level
	[kW]	8 bar	10 bar *	Length	Width	Height		
		[m³/min]		[mm]	[mm]	[mm]	[kg]	[dB(A)]
STRONG 90	90	4,70-16,53	4,66-15,03	2.332	1.550	2.168	2.450	75 +/-2
STRONG 110	110	6,95-20,00	6,95-17,00	2.500	1.750	1.800	2.500	75 +/-2
STRONG 132	132	6,50-22,20	6,40-19,80	2.500	1.750	1.800	2.600	75 +/-2
STRONG 160	160	8,54-27,60	8,54-24,50	3.230	2.060	2.100	3.850	75 +/-2
STRONG 200	200	12,68-31,00	12,68-30,36	3.500	2.100	2.100	4.500	82 +/-2
STRONG 250	250	16,58-41,40	16,58-40,60	3.860	2.160	2.660	6.000	82 +/-2

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

* Also available as a 12/13 bar version



Warranty: 2 years or 5 years

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 10 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 90-250 kW



Fixed piping for a long service life



High-performance compressor airend 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

Calculable service costs and no unpleasant surprises due to unforeseen repairs

The king of efficiency

Two Stage, Oil Injected Rotary Screw Compressors
with Direct Drive, Speed Control and Permanant
Magnet Motors 22 – 315 kW



STRONG 2S

STRONG 2S 22

STRONG 2S 30

STRONG 2S 37

STRONG 2S 45

STRONG 2S 55

STRONG 2S 75

STRONG 2S 90

STRONG 2S 110

STRONG 2S 132

STRONG 2S 160

STRONG 2S 200

STRONG 2S 250

STRONG 2S 280

STRONG 2S 315

STRONG 2S Two Stage, Oil Injected Rotary Screw Compressors with Direct Drive, Speed Control and Permanent Magnet Motors 22 – 315 kW



STRONG 2S 315

Screw Compressor STRONG 2S

Model	Nominal power	Volume flow		Dimensions			Weight	Sound level
	[kW]	8 bar	10 bar	[mm]	[mm]	[mm]	[kg]	[dB(A)]
STRONG 2S 22	22	1,4 - 4,1	1,4 - 3,4	1.620	1.100	1.450	850	75 +/-2
STRONG 2S 30	30	2,4 - 5,9	1,6 - 4,0	1.900	1.250	1.550	980	73 +/-2
STRONG 2S 37	37	2,7 - 6,8	2,3 - 5,7	1.900	1.250	1.550	1.150	73 +/-2
STRONG 2S 45	45	3,7 - 9,4	2,7 - 6,7	2.050	1.550	2.050	2.050	73 +/-2
STRONG 2S 55	55	4,8 - 12,1	3,7 - 9,3	2.050	1.550	2.050	2.120	73 +/-2
STRONG 2S 75	75	6,1 - 15,1	4,8 - 12,0	2.180	1.720	2.100	2.450	75 +/-2
STRONG 2S 90	90	7,6 - 18,9	6,1 - 15,2	2.650	1.850	1.950	2.750	75+/-2
STRONG 2S 110	110	9,2 - 22,9	7,5 - 18,8	2.350	2.000	1.980	2.825	75+/-2
STRONG 2S 132	132	10,8 - 26,9	8,8 - 22,2	2.720	2.200	2.000	3.680	75+/-2
STRONG 2S 160	160	12,8 - 31,8	10,7 - 26,7	2.720	2.200	2.000	4.230	75+/-2
STRONG 2S 200	200	15,4 - 38,5	14,0 - 34,9	3.800	2.100	2.650	5.900	78+/-2
STRONG 2S 250	250	18,1 - 45,3	16,3 - 40,8	3.500	2.100	2.250	7.150	80+/-2
STRONG 2S 280	280	20,4 - 51,1	18,0 - 45,1	4.100	2.100	2.650	7.200	85+/-2
STRONG 2S 315	315	22,4 - 56,1	20,4 - 50,2	3.579	2.100	2.567	7.330	85+/-2

Performance data according to ISO 1217, Annex C

Technical changes and errors excepted

Highest efficiency through two-stage compression – for the sake of the environment

Saving resources is the fundamental issue of our time. The generation of compressed air costs money. In order to reduce costs over the lifetime of a compressor system, we have developed the STRONG 2S. Due to the two-stage compression, we have reduced the temperature increase in the compression process and therefore require less energy. Significant savings can be achieved over the life cycle of the compressor. A second factor is the speed control of the compressor. Variable speed drive ensures the compressor produces just the right amount of air needed.



The advantages for our customers:

Two-Stage Compression

- Exceptionally high energy savings compared to single-stage compression. Due to the intermediate cooling of the air in the compression process, less energy is required. In some cases, more than 10% of energy can be saved compared to single-stage compression

Permanent Magnet Motor

- PM motors are characterized by improved efficiency compared to asynchronous motors. Our PM motors meet or exceed class IE4. Our motors are air-cooled. There is no additional oil circuit for motor cooling and therefore less oil is needed in the system



Warranty: 2 years or 5 years

Calculable service costs and no unpleasant surprises due to unforeseen repairs



STRONG 2S Two Stage, Oil Injected Rotary Screw Compressors with Direct Drive, Speed Control and Permanent Magnet Motors 22 – 315 kW



STRONG 2S 90

STRONG 2S 315



Warranty: 2 years or 5 years

Calculable service costs and no unpleasant surprises due to unforeseen repairs

Speed control

- The motor speed is automatically adjusted to ensure the correct volume of air is delivered. As a result, high energy savings are possible and expensive idle times are reduced to a minimum

Intelligent reinforcement

- SCC controllers already have many options as standard. For example, the connection of the controller via the ModBus protocol is already available, as well as the possibility to connect and control up to 10 compressors

Highest reliability

- Increase slow-rotating compressor stages, below 3,500 rpm, and a generously dimensioned ventilation system the service life of the compressor is considerably extended

Accessibility for maintenance

- When developing new compressors, we understand the importance of having sufficient access to the compressor for maintenance work. This reduces the time required for maintenance work and makes it easier for service technicians

Heat recovery

- With the heat recovery option, you can make your compressor even more efficient with integrated heat exchangers. By re-directing hot oil to the oil to water heat exchangers, the heat from the oil can be used to raise the temperature of the water as required by the application

Low noise level

- The low speed of the compressor stage and an adapted air flow ensures extremely low noise levels are achieved



STRONG 2S 37



STRONG 2S 22

STORM

STORM 5

STORM 7

STORM 11

STORM 15

STORM 18

STORM 22

STORM 30

STORM 37

The Space Miracle

Speed-controlled screw compressors with
Direct drive and permanent magnet motor
5,5 - 37 kW



STORM 11

STORM Speed-controlled screw compressors with direct drive and permanent magnet motor 5,5-37 kW



STORM 11

Screw compressor STORM

Model	Nominal power [kW]	Volume flow		Dimensions			Weight [kg]	Sound level [dB(A)]
		8 bar [m³/min]	10 bar [m³/min]	Length [mm]	Width [mm]	Height [mm]		
STORM 5	5,5	0,19-0,71	0,18-0,58	650	610	1.285	162	60 +/-2
STORM 7	7,5	0,19-1,14	0,18-0,93	650	610	1.285	162	60 +/-2
STORM 11	11	0,57-2,16	0,56-1,84	742	682	1.450	245	62 +/-2
STORM 15	15	0,57-2,13	0,56-2,10	742	682	1.450	245	62 +/-2
STORM 18	18,5	0,92-3,04	0,89-2,69	810	790	1.635	340	63 +/-2
STORM 22	22	0,92-3,73	0,89-3,20	810	790	1.635	340	63 +/-2
STORM 30	30	1,88-5,00	1,77-4,37	900	890	1.730	480	65 +/-2
STORM 37	37	1,88-6,16	1,77-5,44	900	890	1.730	480	65 +/-2

Performance data according to ISO 1217, annexe C

Technical changes and mistakes reserved



Warranty: 2 years or 5 years

Calculable service costs and no unpleasant surprises due to unforeseen repairs

Our STORM series compressors combine high efficiency with a small footprint. Particular attention has been paid to good accessibility for service and maintenance work.

The advantages for our customers:

Small footprint

- Space-saving technology, which also allows installation in confined spaces
- Good accessibility for all service and maintenance work

Large compressor stage

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

Long maintenance intervals of consumables

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

Low noise emissions

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

Solid pipework instead of hoses guarantees a longer service life

Generously dimensioned filters and separator cartridges ensure a high degree of separation of the lubricant. This means lower oil consumption and less impact on the environment

Speed control

- By using a speed control with the aid of a frequency converter, exactly the amount of compressed air is always produced that is actually required
- Significantly fewer switching cycles for the motor and thus extended service life
- Lower power consumption than conventional fixed speed systems and therefore lower operating costs



SCROLI

SCROLI 2

SCROLI 3

SCROLI 7

SCROLI 11

SCROLI 15

Our specialist for 100% oil-free air

Oil-free scroll compressors 2,2-14,8 kW



SCROLI 15

SCROLL Oil-free scroll compressors 2,2-14,8 kW



SCROLI 15

Scroll compressor SCROLI

Model	Nominal power	Volume flow	Dimensions			Weight	Sound level
	[kW]	10 bar [m³/min]	Length [mm]	Width [mm]	Height [mm]	[kg]	[dB(A)]
SCROLI 2	2,2	0,21	750	635	852	150	49 +/-3
SCROLI 3	3,7	0,34	750	635	852	160	50 +/-3
SCROLI 7	7,4	0,68	800	1.100	950	335	56 +/-3
SCROLI 11	11,1	1,02	1.150	830	1.380	520	56 +/-3
SCROLI 15	14,8	1,36	1.300	870	1.730	620	56 +/-3

Scroli 2 and 3 are available also as tank mounted Version with dryer

Performance data according to ISO 1217, annexe C

Technical changes and mistakes reserved



Warranty: 2 years

Calculable service costs and no unpleasant surprises due to unforeseen repairs

Our SCROLLI series provides you with 100% oil-free air. Due to the selected modular design you can adapt the size of the compressor exactly to your needs.

Our multilevel software always selects the optimum operating condition. And if one module has a problem, the software automatically switches to another module, so that you always get the air you need.

The noise level is so low that the compressor can be placed almost anywhere. With the small size it is also no problem to place the compressor even where there is not much space available.

The advantages for our customers:

100% oil-free air according to ISO 8573-1 Class 0

Modular design provides additional operational reliability, as the compressor switches automatically

Optimal operation through intelligent control
"Multilevel"

Very quiet operation allows installation even in sensitive locations

Small dimensions make space-saving installation possible



SCROLLI 3



SCROLLI 3

AQUARIUS

AQUARIUS 15

AQUARIUS 18

AQUARIUS 22

AQUARIUS 30

AQUARIUS 31

AQUARIUS 37

AQUARIUS 45

AQUARIUS 46

AQUARIUS 56

AQUARIUS 75

The oil-free genius

Oil-free, water-injected screw compressor with
direct drive and permanent magnet motor
15 -75 kW



AQUARIUS 75

AQUARIUS Oil-free, water-injected screw compressor with direct drive and permanent magnet motor 15-75 kW



AQUARIUS 56

Model	Nominal power	Volume flow		Dimensions			Weight	Sound level
	[kW]	8 bar	10 bar	Length [mm]	Width [mm]	Height [mm]	[kg]	[dB(A)]
AQUARIUS 15	15	0,50 - 1,90	0,45 - 1,52	1.650	980	1.850	1.000	69
AQUARIUS 18	18,5	0,50 - 2,45	0,45 - 2,06	1.650	980	1.850	1.050	70
AQUARIUS 22	22	0,50 - 3,00	0,45 - 2,60	1.650	980	1.850	1.110	70
AQUARIUS 30	30	0,50 - 3,78	0,45 - 3,34	1.650	980	1.850	1.200	73
AQUARIUS 31	30	1,25 - 4,34	1,24 - 3,72	2.014	1.500	1.700	1.400	70
AQUARIUS 37	37	1,25 - 5,28	1,20 - 4,64	2.014	1.500	1.700	1.450	71
AQUARIUS 45	45	1,25 - 6,40	1,20 - 5,50	2.014	1.500	1.700	1.550	74
AQUARIUS 46	45	2,72 - 7,67	2,61 - 6,64	2.448	1.330	1.930	1.950	73
AQUARIUS 56	55	2,72 - 9,43	2,61 - 8,08	2.448	1.330	1.930	2.000	76
AQUARIUS 75	75	2,30 - 12,00	2,10 - 10,40	2.448	1.330	1.930	2.050	79

Performance data according to ISO 1217, annexe C

Technical changes and mistakes reserved

Clean and oil-free compressed air is not only a quality feature in many areas of industrial production, but also an absolute must. No compromises can be made here.

Based on decades of experience in this field, SCC has developed a new series that meets all the requirements for oil-free compressed air generation. The AQUARIUS series relies on water-injected screw compressors, which means that no oil (or other lubricant) is required for the compression process. The water is taken from the ambient air and no fresh water including water treatment is required.

The AQUARIUS compressors meet all requirements for pure, oil-free compressed air with maximum efficient compression and thus excellent energy balance. The speed control also helps to save energy by adapting the power to the actual demand.

Our aim is to make our contribution to reducing the CO₂ footprint through improved technology and the highest demands on energy efficiency. For this reason, we continue to work on new solutions for compressed air generation at our location in Wendlingen near Stuttgart.



Air End

The advantages for our customers:

Oil-free compression

- The compressor in the Aquarius series produce 100% oil-free compressed air according to ISO 8573-1 Class 0. Low temperatures in the compression process increase energy efficiency. Impurities such as dust particles are washed out by the water. The screw compressor block is made of bronze and therefore does not corrode

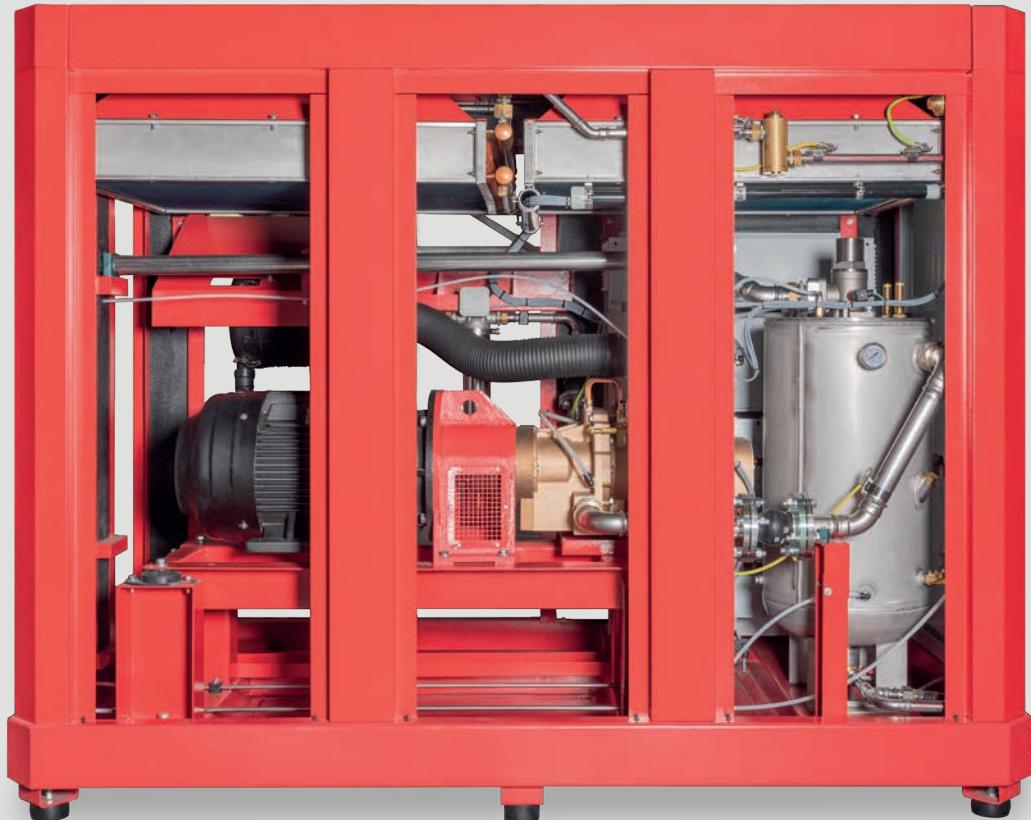
Permanent magnet motor

- Permanent magnet motors (PM motors) are characterized by a significantly better efficiency compared to the asynchronous motors used as standard. Our PM motors have an efficiency better than efficiency class IE4 according to Standard EN 60034-30:2009 and thus offer the best possible energy efficiency for industrial motors today



Permanent Magnet Motor

AQUARIUS Oil-free, water-injected screw compressor with direct drive and permanent magnet motor 15-75 kW



AQUARIUS 56

Maximum efficiency through direct drive

- Our AQUARIUS compressors are all „directly“ driven, i.e., the motor is directly connected to the compressor element. This avoids efficiency losses in power transmission from the motor to the compressor element in the order of up to 2%. In addition, we reduce maintenance costs because no power transmission components such as gearboxes or belts which need to be replaced



Warranty: 2 years or 5 years

Calculable service costs and no unpleasant surprises due to unforeseen repairs

Intelligent control

- SCC controllers already have many functions as standard. For example, the connection of the controller to higher-level monitoring systems or controllers is not a problem, as this is already pre-installed. There is also the possibility to connect up to 10 compressors to our standard SCC controller

Noise levels

- The low speed of the compressor element and an optimised guidance of the cooling air, result in very low noise levels

Accessibility for maintenance work

- When developing new compressors, we attach particular importance to the accessibility of compressor components for maintenance work. This reduces the time for maintenance work and makes it easier for service technicians

Highest reliability

- With the optional heat recovery, you make your compressor even more efficient through integrated heat exchangers and save additional costs by using the heat directly in the form of hot water

Low noise levels

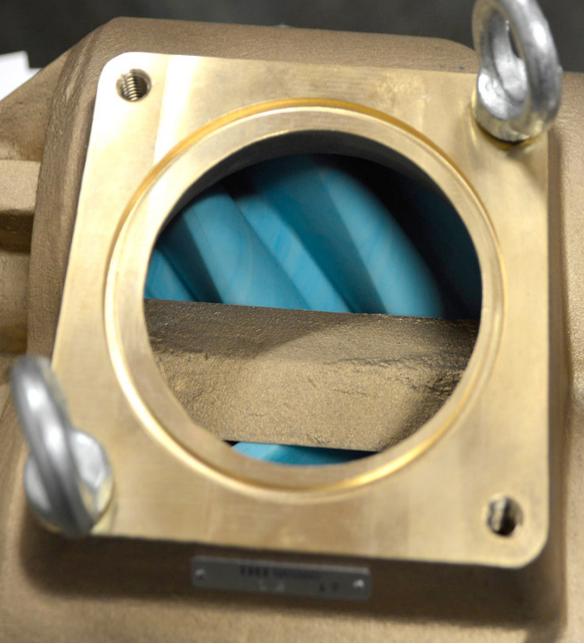
- The low speed of the compressor blade and an optimally adapted guidance of the cooling air result in very low noise levels



AQUARIUS 75



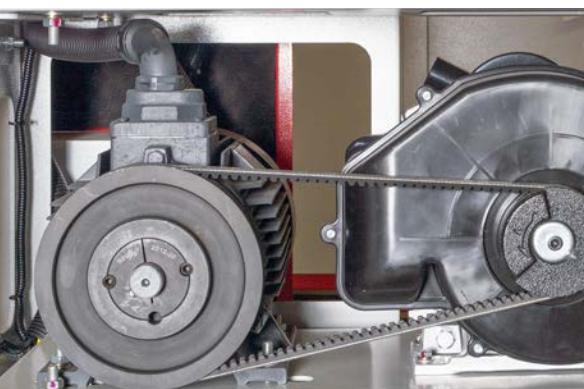
AQUARIUS 75



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

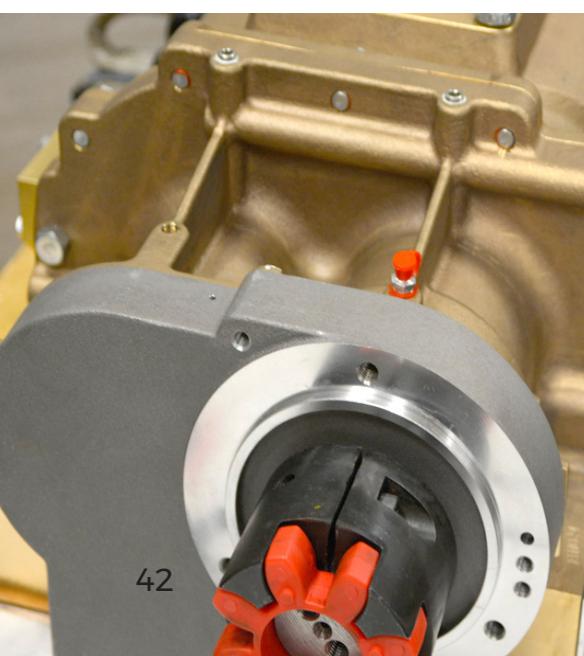
SCC original spare parts are continuously checked and developed to the current state of the art standards

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.

SCC Compressors



**“Made in Germany”
at our headquarters
in Wendlingen near
Stuttgart.**

Made in Germany is not just a designation of origin for us. As a company based in Germany, it is important to us to develop our compressors here and to design them perfectly to meet the requirements of our demanding customers. Our products “Made in Germany” impress with their excellent quality and advanced technology.

But environmentally friendly behaviour is also a significant component of our values, which is why we generally design the machines in such a way that a long service life is guaranteed and all efficiency criteria are met in the near future.

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

Since 2022, we have been a member of the German Engineering Federation (VDMA). This represents another milestone in the sustainable development of the company.





Smart. Clever. Cost efficient.



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