



Smart. Clever. Cost efficient.



# Model: Smart

## The Price Optimized

Oil injected screw compressors 4-18,5 kW



SMART 7



SMART 7

Our range of Smart compressors is the customer friendly answer for a simple, but efficient supply of compressed air with the highest quality. Easy to install, extremely silent, customer friendly maintenance and with a small footprint for easy installation where space is limited.

### Advantages to our customers:

#### ✓ Belt drive

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- Efficient transmission of power
- Easy maintenance for changing the belts
- Double protection for the motor

#### ✓ Big air end

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- Slow speed and therefore longer lifetime
- Lower temperature and therefore longer maintenance intervals

#### ✓ Motor efficiency class IE3, IP 54 and ISO class F

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- Helps to protect the environment by using less energy
- Protected against dust and water
- Due to ISO class F wiring high efficiency

#### ✓ Fulfil the rules of ECO design rule 2020

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- Over fulfilling of efficiency limits set by the European commission for consuming energy (ECO design rule 2020) means lower electricity costs compared with standard screw compressors

# Model: Smart

## Performance & Dimensions

Oil injected screw compressors 4-18,5 kW

### ✓ Long maintenance intervals

- Due to longer maintenance intervals for the exchange of oil filter, air filter and oil separation element, maintenance costs are reduced

### ✓ Low noise level, super noise isolation

- You can install this compressor almost anywhere due to the low noise level

## Screw compressor Smart

| Model    | Nominal Power | Pressure range | Free Air Delivery     |           |            | Dimensions |       |        | Weight | Noise   |
|----------|---------------|----------------|-----------------------|-----------|------------|------------|-------|--------|--------|---------|
|          |               |                | @7bar(g)              | @10bar(g) | @12bar(g)* | Length     | Width | Height |        |         |
|          | [kW]          | [bar]          | [m <sup>3</sup> /min] |           |            | [mm]       | [mm]  | [mm]   | [kg]   | [db(A)] |
| Smart 4  | 4             | 7-12           | 0,69                  | 0,42      | 0,37       | 820        | 730   | 880    | 190    | 63 +/-2 |
| Smart 5  | 5.5           | 7-12           | 0,90                  | 0,64      | 0,48       | 900        | 600   | 1.040  | 235    | 63 +/-2 |
| Smart 7  | 7.5           | 7-12           | 1,39                  | 0,98      | 0,85       | 900        | 600   | 1.040  | 240    | 63 +/-2 |
| Smart 11 | 11            | 7-12           | 1,79                  | 1,30      | 1,26       | 1.030      | 850   | 1.280  | 360    | 65 +/-2 |
| Smart 15 | 15            | 7-12           | 2,73                  | 1,84      | 1,79       | 1.030      | 850   | 1.280  | 360    | 65 +/-2 |
| Smart 18 | 18.5          | 7-12           | 3,15                  | 2,36      | 2,10       | 1.130      | 850   | 1.360  | 460    | 68 +/-2 |

Performance data according to ISO 1217, Annexe C

Reserve for technical modifications

\* as option



**Warranty: 2 years or 5 years with our extended warranty program**

Realistic and plannable service costs and no unexpected surprises by unplanned repairs

# Model: TD-Units

## The “All in One” Solution

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



SMART 11 TD



SMART 11 TD

Our TD compressors are the ideal “all in one” solution for our customers who are looking for a turnkey solution. No piping required, all ready for commissioning, only connect to electricity and compressed air net and you can start operation...

### The advantages to our customers:

- ✓ **Compact design, small foot print**

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  - Due to the small foot print you can install this unit almost anywhere
- ✓ **Plug & Play**

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  - No expensive piping necessary and easy to connect
- ✓ **High quality of compressed air with integrated dryer**

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  - No condensed water in the compressed air which is good for all compressed air consuming machines
  - Low residual oil content helps to protect the environment
- ✓ **Low noise level, super noise isolated**

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  - Due to low noise levels you can operate this compressor almost anywhere
- ✓ **Integrated filters**

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  - With the pre and after filter you have a guaranteed high quality of compressed air

# Model: TD-Units

## Performance & Dimensions

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

### ✓ With or without speed control

- TD units are available as fixed speed or as an option with variable speed allowing the user the flexibility of only generating the amount of compressed air required thus saving energy and electricity.

### Screw compressor Smart/Flexi TD with dryer on receiver

| Model        | Nominal Power | Pressure range | Free Air Delivery     |           |                 | Dimensions |       |        | Weight | Noise   |
|--------------|---------------|----------------|-----------------------|-----------|-----------------|------------|-------|--------|--------|---------|
|              |               |                | @7bar(g)              | @10bar(g) | @12bar(g)<br>** | Length     | Width | Height |        |         |
|              | [kW]          | [bar]          | [m <sup>3</sup> /min] |           |                 | [mm]       | [mm]  | [mm]   | [kg]   | [db(A)] |
| Smart 4 TD*  | 4             | 7-12           | 0,69                  | 0,42      | 0,37            | 1.879      | 765   | 1.670  | 464    | 63 +/-2 |
| Smart 5 TD*  | 5.5           | 7-12           | 0,90                  | 0,64      | 0,48            | 1.879      | 765   | 1.670  | 425    | 63 +/-2 |
| Smart 7 TD*  | 7.5           | 7-12           | 1,39                  | 0,98      | 0,85            | 1.879      | 765   | 1.670  | 430    | 63 +/-2 |
| Smart 11 TD* | 11            | 7-12           | 1,79                  | 1,30      | 1,26            | 1.962      | 920   | 1.765  | 580    | 66 +/-2 |
| Flexi 11 TD* | 11            | 7-12           | 1,87                  | 1,73      | 1,36            | 1.960      | 915   | 1.850  | 580    | 69 +/-2 |
| Smart 15 TD* | 15            | 7-12           | 2,73                  | 1,84      | 1,79            | 1.962      | 920   | 1.765  | 580    | 66 +/-2 |
| Flexi 15 TD* | 15            | 7-12           | 2,30                  | 2,00      | 1,68            | 1.960      | 915   | 1.850  | 600    | 69 +/-2 |
| Smart 18 TD* | 18.5          | 7-12           | 3,15                  | 2,36      | 2,10            | 2.120      | 990   | 1.840  | 710    | 69 +/-2 |
| Flexi 18 TD* | 18.5          | 7-12           | 2,78                  | 2,30      | 1,99            | 2.235      | 1.060 | 1.950  | 725    | 71 +/-2 |

\* Receiver 1\*270 l horizontal for 4-7,5 kW, 2\*125 l for 11-18,5 kW  
 Dryer Dewpoint + 5°C  
 Performance data according to ISO 1217, Annexe C  
 Reserve for technical modifications

\*\* as option



**Warranty: 2 years or 5 years with our extended warranty program**

Realistic and plannable service costs and no unexpected surprises by unplanned repairs

# Model: Focus

## The Economical

Oil injected screw compressors with direct drive 22-75 kW



FOCUS 22



FOCUS 22

Our range of Focus compressors are designed for energy saving. So our customers can save energy and costs and do something good for the environment by saving our energy resources.

### The advantages to our customers:

- ✓ **Zero loss of energy transmission between motor and air end**

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  - An energy efficient compressor lowers your electricity bill
- ✓ **Small footprint**

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  - Space-saving technology that also allows installation in confined spaces
  - Good accessibility for all service and maintenance work
- ✓ **Lower maintenance costs**

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  - No need to exchange the belt and therefore lower maintenance costs
  - Longer life time of the air end due to lower radial forces on the bearings
- ✓ **High reliability**

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  - No risk due to the failure of belts
- ✓ **High efficient IE3 motors help to reduce energy consumption**

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- ✓ **Controller easy to handle, showing all necessary and important parameters on a clear display**

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# Model: Focus

## Performance & Dimensions

Oil injected screw compressors with direct drive 22-75 kW

- ✓ **Good accessibility of 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 big sized air ends resulting in long maintenance intervals and reduction of maintenance costs**

### Screw compressor Focus

| Model    | Nominal Power | Pressure range | Free Air Delivery     |           |            | Dimensions |       |        | Weight | Noise   |
|----------|---------------|----------------|-----------------------|-----------|------------|------------|-------|--------|--------|---------|
|          |               |                | @7bar(g)              | @10bar(g) | @12bar(g)* | Length     | Width | Height |        |         |
|          | [kW]          | [bar]          | [m <sup>3</sup> /min] |           |            | [mm]       | [mm]  | [mm]   | [kg]   | [db(A)] |
| Focus 22 | 22            | 7-12           | 3,95                  | 3,33      | 2,70       | 1.300      | 850   | 1.210  | 475    | 70 +/-2 |
| Focus 30 | 30            | 7-12           | 5,51                  | 4,46      | 4,17       | 1.530      | 970   | 1.350  | 760    | 68 +/-2 |
| Focus 37 | 37            | 7-12           | 6,23                  | 5,49      | 5,11       | 1.530      | 970   | 1.350  | 760    | 68 +/-2 |
| Focus 45 | 45            | 7-12           | 7,70                  | 7,07      | 6,24       | 1.682      | 1.000 | 1.490  | 890    | 72 +/-2 |
| Focus 55 | 55            | 7-12           | 10,71                 | 8,84      | 7,90       | 1.800      | 1.150 | 1.654  | 1.260  | 72 +/-2 |
| Focus 75 | 75            | 7-12           | 14,14                 | 11,34     | 10,19      | 2.000      | 1.210 | 1.755  | 1.520  | 72 +/-2 |

Performance data according to ISO 1217, Annexe C  
Reserve for technical modifications

\* as option



**Warranty: 2 years or 5 years with our extended warranty program**

Realistic and plannable service costs and no unexpected surprises by unplanned repairs

# Model: Flexi

## The Professional for Energy Saving

Oil injected screw compressors with variable speed drive 11-75 kW



FLEXI 22



FLEXI 22

Compressors in our Flexi range are first class in energy saving. They save up to 35% of energy costs compared with a standard compressor.

The total potential of energy saving compared with a standard compressor comes from three areas:

- Approximately 10 percent of savings can be realised by using more efficient motors
- Approximately 30 percent can be saved by using electronic controlled frequency of the drive
- The biggest potential comes from optimisation of the design, which can be realised by using frequency control.

All these possible savings have been realised with our Flexi compressors:

### The advantages to our customers:

- ✓ Highly efficient IE3 motors saving energy considerably
- ✓ Energy saving up to 35% by using frequency control combined with an optimised design of compressor
- ✓ By using less electricity and lower costs the return of investment is surprisingly short. And the environment will be thankful.
- ✓ Production of compressed air according to requirement; the compressor only delivers the exact amount of compressed air that is required
- ✓ No continuously load-unload change means, protection of material, lower electricity costs and longer lifetime.



# Model: Flexi

## Performance & Dimensions

Oil injected screw compressors with variable speed drive 11-75 kW

- ✓ Motors running with low speed and safely dimensioned air ends result in longer maintenance intervals and reduced maintenance costs
- ✓ The clear design of our Flexi compressors makes the maintenance and service easy, and that means lower maintenance costs

### Screw compressor Flexi

| Model    | Nominal Power | Pressure range | Free Air Delivery     |           |            | Dimensions |       |        | Weight | Noise   |
|----------|---------------|----------------|-----------------------|-----------|------------|------------|-------|--------|--------|---------|
|          |               |                | @7bar(g)              | @10bar(g) | @12bar(g)* | Length     | Width | Height |        |         |
|          | [kW]          | [bar]          | [m <sup>3</sup> /min] |           |            | [mm]       | [mm]  | [mm]   | [kg]   | [db(A)] |
| Flexi 11 | 11            | 7-12           | 1,87                  | 1,73      | 1,36       | 1.030      | 850   | 1.380  | 365    | 68 +/-2 |
| Flexi 15 | 15            | 7-12           | 2,30                  | 2,00      | 1,68       | 1.030      | 850   | 1.380  | 365    | 68 +/-2 |
| Flexi 18 | 18            | 7-12           | 2,78                  | 2,30      | 1,99       | 1.170      | 980   | 1.460  | 500    | 70 +/-2 |
| Flexi 22 | 22            | 7-12           | 3,47                  | 3,08      | 2,90       | 1.300      | 850   | 1.210  | 480    | 65 +/-2 |
| Flexi 30 | 30            | 7-12           | 5,61                  | 5,39      | 3,40       | 1.530      | 970   | 1.350  | 780    | 65 +/-2 |
| Flexi 37 | 37            | 7-12           | 6,22                  | 5,49      | 4,59       | 1.530      | 970   | 1.350  | 760    | 65 +/-2 |
| Flexi 45 | 45            | 7-12           | 7,55                  | 7,30      | 5,27       | 1.682      | 1.000 | 1.490  | 910    | 65 +/-2 |
| Flexi 55 | 55            | 7-12           | 8,98                  | 8,77      | 6,99       | 1.800      | 1.150 | 1.654  | 1.250  | 72 +/-2 |
| Flexi 75 | 75            | 7-12           | 12,16                 | 11,95     | 8,61       | 2.000      | 1.210 | 1.755  | 1.555  | 72 +/-2 |

Performance data according to ISO 1217, Annexe C  
Reserve for technical modifications

\* as option



**Warranty: 2 years or 5 years with our extended warranty program**

Realistic and plannable service costs and no unexpected surprises by unplanned repairs

# Model: Strong

## The Powerful

Oil injected screw compressors with variable speed drive and permanent magnet motor 7,5-75 kW



STRONG 30



STRONG 30

**Our Strong compressors are the champions among the energy efficient compressors.**

By using highly efficient Permanent Magnet Motors compressors can save an additional 10% of energy compared with a frequency controlled compressor with an asynchronous motor.

### **The advantages to our customers:**

- ✓ By using Permanent Magnet Motors the efficiency of such a compressor is up to 10 percent better than of a compressor with a asynchronous motor.
- ✓ Of course the Permanent Magnet Motor is classified as IE4, the highest efficiency class
- ✓ Due to much higher energy density of a Permanent Magnet Motor, compared with an asynchronous motor, such a motor has a much smaller dimension at the same power. As a consequence it is possible to reduce the dimensions of the compressor, which for you means: lower costs and smaller foot print
- ✓ Thanks to the special design of Permanent Magnet Motors the efficiency of the compressor is constant over the whole speed range, which means you save energy no matter how much compressed air the compressor is producing
- ✓ The fan is controlled by a frequency inverter so that the compressor keeps the exact temperature which is needed while you are saving energy again by avoiding unnecessary cooling
- ✓ Our Strong compressors are not only silent, they always deliver exactly the amount of air you require.

# Model: Strong

## Performance & Dimensions

Oil injected screw compressors with variable speed drive and permanent magnet motor 7,5-75 kW

- ✓ Thanks to the super intelligent controller you are always up to date with the condition of the compressor. An intuitive operator guidance combined with a touch screen makes it easy to operate.

### Screw compressor Strong

| Model     | Nominal Power | Pressure range | Free Air Delivery     |           |            | Dimensions |       |        | Weight | Noise   |
|-----------|---------------|----------------|-----------------------|-----------|------------|------------|-------|--------|--------|---------|
|           |               |                | @7bar(g)              | @10bar(g) | @12bar(g)* | Length     | Width | Height |        |         |
|           | [kW]          | [bar]          | [m <sup>3</sup> /min] |           |            | [mm]       | [mm]  | [mm]   | [kg]   | [db(A)] |
| Strong 7  | 7.5           | 7-10           | 1,12                  | 0,86      | ---        | 900        | 650   | 1.050  | 205    | 62 +/-2 |
| Strong 11 | 11            | 7-10           | 1,93                  | 1,54      | ---        | 1.232      | 800   | 1.215  | 365    | 65 +/-2 |
| Strong 15 | 15            | 7-12           | 2,38                  | 2,01      | 1,83       | 1.232      | 800   | 1.215  | 365    | 65 +/-2 |
| Strong 22 | 22            | 7-12           | 3,89                  | 3,11      | 2,77       | 1.352      | 900   | 1.350  | 440    | 65 +/-2 |
| Strong 30 | 30            | 7-12           | 5,80                  | 4,79      | 3,47       | 1.432      | 1.000 | 1.478  | 699    | 68 +/-2 |
| Strong 37 | 37            | 7-12           | 6,64                  | 5,65      | 4,50       | 1.432      | 1.000 | 1.478  | 705    | 68 +/-2 |
| Strong 45 | 45            | 7-12           | 7,65                  | 6,44      | 5,17       | 1.800      | 1.210 | 1.854  | 1.255  | 72 +/-2 |
| Strong 55 | 55            | 7-12           | 9,71                  | 7,95      | 7,37       | 1.800      | 1.210 | 1.854  | 1.255  | 72 +/-2 |
| Strong 75 | 75            | 7-12           | 13,16                 | 11,21     | 9,23       | 1.830      | 1.290 | 1.855  | 1.430  | 72 +/-2 |

Performance data according to ISO 1217, Annexe C  
Reserve for technical modifications

\* as option



**Warranty: 2 years or 5 years with our extended warranty program**

Realistic and plannable service costs and no unexpected surprises by unplanned repairs

# Model: Strong 2S

## The King of Energy Saving

Oil injected 2-stage screw compressors with variable speed drive and permanent magnet motor 22-150 kW



STRONG 2S



**Warranty: 2 years or 5 years with our extended warranty program**

Realistic and plannable service costs and no unexpected surprises by unplanned repairs

By using a two-stage compression process the air is compressed in two steps from environmental pressure to final pressure. Between the two stages the air is cooled down. In this way the compression process needs considerably less energy than with the one stage compression process.

### The advantage to our customers:

- ✓ By using Permanent Magnet Motors the efficiency of such a compressor is up to 10 percent better than of a compressor with a asynchronous motor.
- ✓ By using two stage compression the compressor can save additional energy.
- ✓ Thanks to the super intelligent controller you are always up to date about the condition of the compressor. An intuitive operator guidance combined with a touch screen makes it easy to operate.

## Screw compressor Strong 2S

| Model         | Nominal Power | Pressure range | Free Air Delivery     |           |            | Dimensions |       |        | Weight | Noise   |
|---------------|---------------|----------------|-----------------------|-----------|------------|------------|-------|--------|--------|---------|
|               |               |                | @7bar(g)              | @10bar(g) | @12bar(g)* | Length     | Width | Height |        |         |
|               | [kW]          | [bar]          | [m <sup>3</sup> /min] |           |            | [mm]       | [mm]  | [mm]   | [kg]   | [db(A)] |
| Strong 2S 22  | 22            | 7-12           | 4,20                  | 3,50      | 3,20       | 1.450      | 780   | 1.180  | 730    | 72 +/-2 |
| Strong 2S 30  | 30            | 7-12           | 7,20                  | 5,74      | 5,40       | 1.650      | 880   | 1.280  | 1.080  | 72 +/-2 |
| Strong 2S 45  | 45            | 7-12           | 9,80                  | 7,80      | 6,50       | 2.000      | 1.260 | 1.560  | 1.980  | 72 +/-2 |
| Strong 2S 55  | 55            | 7-12           | 12,80                 | 9,60      | 8,60       | 2.150      | 1.360 | 1.800  | 2.180  | 75 +/-2 |
| Strong 2S 75  | 75            | 7-12           | 17,50                 | 12,50     | 11,20      | 2.150      | 1.360 | 1.800  | 2.280  | 75 +/-2 |
| Strong 2S 90  | 90            | 7-12           | 20,80                 | 16,90     | 14,30      | 2.665      | 1.730 | 1.920  | 3.200  | 75 +/-2 |
| Strong 2S 110 | 110           | 7-12           | 24,50                 | 19,70     | 17,60      | 2.665      | 1.730 | 1.920  | 3.360  | 75 +/-2 |
| Strong 2S 125 | 125           | 7-12           | 34,50                 | 30,00     | 23,80      | 3.000      | 1.800 | 1.920  | 3.850  | 82 +/-2 |
| Strong 2S 150 | 150           | 7-12           | 44,60                 | 38,50     | 32,80      | 3.200      | 1.800 | 1.970  | 5.890  | 82 +/-2 |

Performance data according to ISO 1217, Annexe C

Reserve for technical modifications

\* as option

# Model: Scrolli

## The Champion for 100% Oil Free Air

Oil free scroll compressors 3,7-37 kW

Our range of Scroll compressors will deliver 100% oil free air. By using a module design you can choose exactly the size of compressor that you require. Our "Multilevel" software makes sure that the compressor continues to run in the optimum operation mode. And if one module shows a failure the software switches automatically to another module, so you always get the air that is needed.

The noise level is so low that the compressor can be placed almost anywhere. With the small footprint it is no problem to place it where space is limited.

### The advantages to our customers:

- ✓ 100% oil free air according ISO 8573-1 Class 0
- ✓ By using the module design additional safety due to automatic switch
- ✓ Optimum operation mode due to "Multilevel" software
- ✓ Low noise level allows placement on sensitive places



SCROLLI 11



**Warranty: 2 years or 5 years with our extended warranty program**

Realistic and plannable service costs and no unexpected surprises by unplanned repairs

### Scroll compressor Scrolli

| Model      | Nominal Power | Pressure range | Free Air Delivery                  | Dimensions |       |        | Weight | Noise   |
|------------|---------------|----------------|------------------------------------|------------|-------|--------|--------|---------|
|            |               |                |                                    | Length     | Width | Height |        |         |
|            | [kW]          | [bar]          | @10bar(g)<br>[m <sup>3</sup> /min] | [mm]       | [mm]  | [mm]   | [kg]   | [db(A)] |
| Scrolli 3  | 3,7           | 8 - 10         | 0,340                              | 750        | 635   | 852    | 160    | 50 +/-3 |
| Scrolli 7  | 7,4           | 8 - 10         | 0,680                              | 800        | 1.100 | 950    | 335    | 53 +/-3 |
| Scrolli 11 | 11,1          | 8 - 10         | 1,020                              | 1150       | 830   | 1.380  | 520    | 56 +/-3 |
| Scrolli 15 | 14,8          | 8 - 10         | 1,300                              | 1.400      | 1.140 | 1.640  | 520    | 58 +/-3 |
| Scrolli 22 | 22,2          | 8 - 10         | 2,130                              | 1.400      | 1.140 | 1.640  | 900    | 59 +/-3 |
| Scrolli 30 | 29,6          | 8 - 10         | 2,840                              | 1.400      | 1.140 | 1.640  | 1.050  | 65 +/-3 |
| Scrolli 37 | 37,0          | 8 - 10         | 3,550                              | 1.400      | 1.140 | 2.550  | 1.250  | 65 +/-3 |

Performance data according to ISO 1217, Annexe C  
Reserve for technical modifications



## 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.



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## 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.



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## Webshop

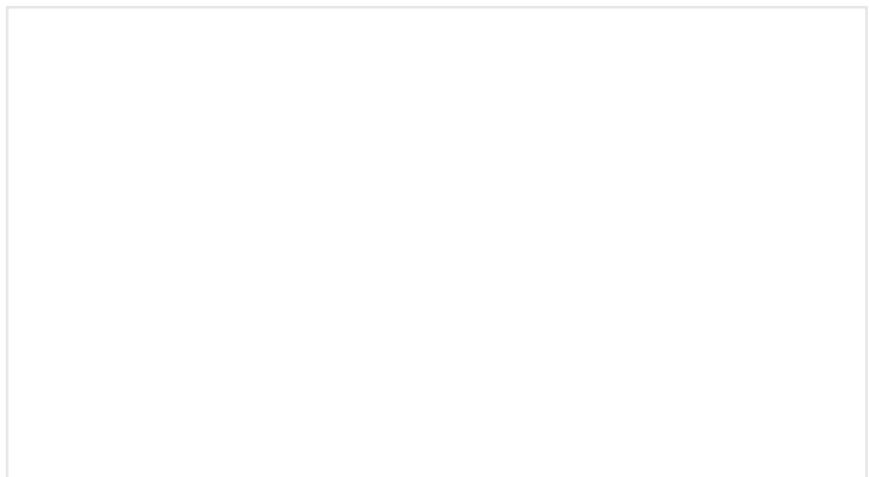
In our webshop you can order parts and machines at any time of the day or night. So you are flexible and we can take care of your orders without delay.





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