

SCC air compressors

90-315 kW



Smart. Clever. Cost efficient.



# Model: Focus 90-315 kW

## Focus

The machines of the FOCUS series are designed for optimum efficiency. This is achieved by a direct drive between the motor and the compressor stage. In addition, the compressor stage is designed precisely for the operating pressure, so that the compressor stage works with the highest efficiency.

### Advantages for our customers:

- ✓ No energy losses due to the direct drive compared to machines that use a gearbox between the motor and the compressor stage
- ✓ No additional maintenance costs for a gearbox
- ✓ Optimal design of the compressor stage to the operating pressure and thus an operation with the highest possible efficiency with the lowest possible energy consumption
- ✓ Manageable maintenance costs due to maintenance intervals of 4,000 operating hours

## Strong

Our large machines > 75 kW of the STRONG series are not only directly driven and speed-controlled, but also all equipped as standard with IE4 efficiency permanent magnet motors.

### Advantages for our customers:

- ✓ No energy losses due to the direct drive compared to machines that use a gearbox between the motor and the compressor stage
- ✓ No additional maintenance costs for a gearbox
- ✓ Due to the speed control, the machine automatically adapts to the required compressed air consumption automatically
- ✓ The use of permanent magnet motors with the highest efficiency class IE4 guarantees highest efficiency over the entire control range. In comparison to conventional compressors, the STRONG series compressor works with optimum efficiency while operating across the compression range.
- ✓ Manageable maintenance costs due to maintenance intervals of 4,000 operating hours

**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 90-250 kW

## Controller. Focus & Strong.

Compressors of the FOCUS and STRONG series are equipped as standard with our 6080 control unit.

### Advantages for our customers:

- ✓ 6 digital inputs and 6 relay outputs
- ✓ Large color 7" touchscreen
- ✓ Integrated operation as master or slave with up to 15 other compressors
- ✓ Storage temperature monitoring and phase sequence monitoring
- ✓ Monitoring and display of the current consumption as well as display of the accumulated energy requirement
- ✓ MODBUS interface
- ✓ Remote on / off
- ✓ Assignment of the inputs / outputs with different messages

### Oil injected screw compressors Focus

Model	Nominal Power	Pressure range	Free Air Delivery			Dimension			Weight	Noise
			@8bar(g)	@10bar(g)	@12bar(g)	Length	Width	Height		
	[kW]	[bar]	[m <sup>3</sup> /min]			[mm]	[mm]	[mm]	[kg]	[dB(A)]
Focus 90	90	8-12	15,40	11,50	11,40	2.100	1.300	1.900	2.080	65 +/-2
Focus 110	110	8-12	18,90	14,70	14,60	2.800	1.900	1.690	2.850	68 +/-2
Focus 132	132	8-12	20,80	18,80	18,60	2.800	1.900	1.690	3.200	75 +/-2
Focus 160	160	8-12	23,90	20,60	20,40	3.200	2.030	2.100	3.850	75 +/-2
Focus 200	200	8-12	30,00	23,80	23,40	3.500	2.100	2.100	4.500	82 +/-2
Focus 250	250	8-12	40,70	upon request	upon request	3.820	2.100	2.165	4.800	85 +/-2
Focus 315	315	8-12	upon request	upon request	upon request	3.800	2.000	2.100	7.200	82 +/-2

Performance data acc. ISO 1217, Annexe C, Technical modifications reserved

### Oil injected screw compressors Strong

Model	Nominal Power	Pressure range	Free Air Delivery			Dimension			Weight	Noise
			@8bar(g)	@10bar(g)	@12bar(g)	Length	Width	Height		
	[kW]	[bar]	[m <sup>3</sup> /min]			[mm]	[mm]	[mm]	[kg]	[dB(A)]
Strong 90	90	8-12	16,53	13,04	12,11	2.500	1.750	1.800	2.450	75 +/-2
Strong 110	110	8-12	19,81	16,43	14,21	2.500	1.750	1.800	2.500	75 +/-2
Strong 132	132	8-12	22,47	19,65	16,32	2.500	1.750	1.800	2.600	75 +/-2
Strong 160	160	8-12	24,30	20,92	18,89	3.230	2.060	2.100	3.850	75 +/-2
Strong 200	200	8-12	30,48	24,09	20,64	3.500	2.100	2.100	4.500	82 +/-2
Strong 250	250	8-12	51,38	37,38	upon request	3.860	2.160	2.660	6.000	82 +/-2

Performance data acc. ISO 1217, Annexe C, Technical modifications reserved

# Model: Strong

## The Powerful

Oil injected screw compressors 90-250 kW



Fixed piping for a long service life



High-performance compressor air end for highly efficient compression



Oversized coolers for excellent cooling

Oil tank with integrated highly efficient oil fine separation



# Model: Focus

## The Economical

Oil injected screw compressors 90-315 kW



Intelligent controller with many options



Powerful frequency converter for optimal operation



High efficient permanent magnet motor



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

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



## 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. On top of that you have a price advantage by ordering kits compared with ordering parts.

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. Orders which we receive before 11.00 am will be delivered the same day.

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

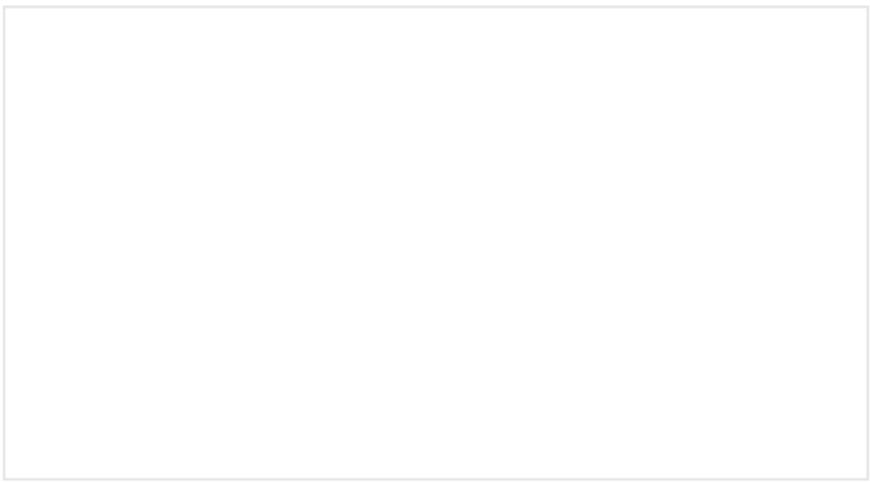
In our webshop you can order parts and machines at any time of the day or night. So you are flexible and we can take care of your orders without delay.





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