

SIMPLEXX

Oilfree air – efficient, proven & quiet



Application

Industry

Power output

132 - 275 kW

Volume flow acc. to ISO 1217
(Annex C-2009)

9,04 - 48,6 m³/min

Operating pressure

4 - 10.4 bar

Cooling

Air-cooled & water-cooled

Drive

Gear,

fix and speed controlled

Motor

Energy efficiency class IE 3;

IP 55 protection, protection
class F

With SIMPLEXX series, ALMiG expands its oil-free range with a two-stage compressor that supplies customers with 100% oil-free compressed air at low operating costs.

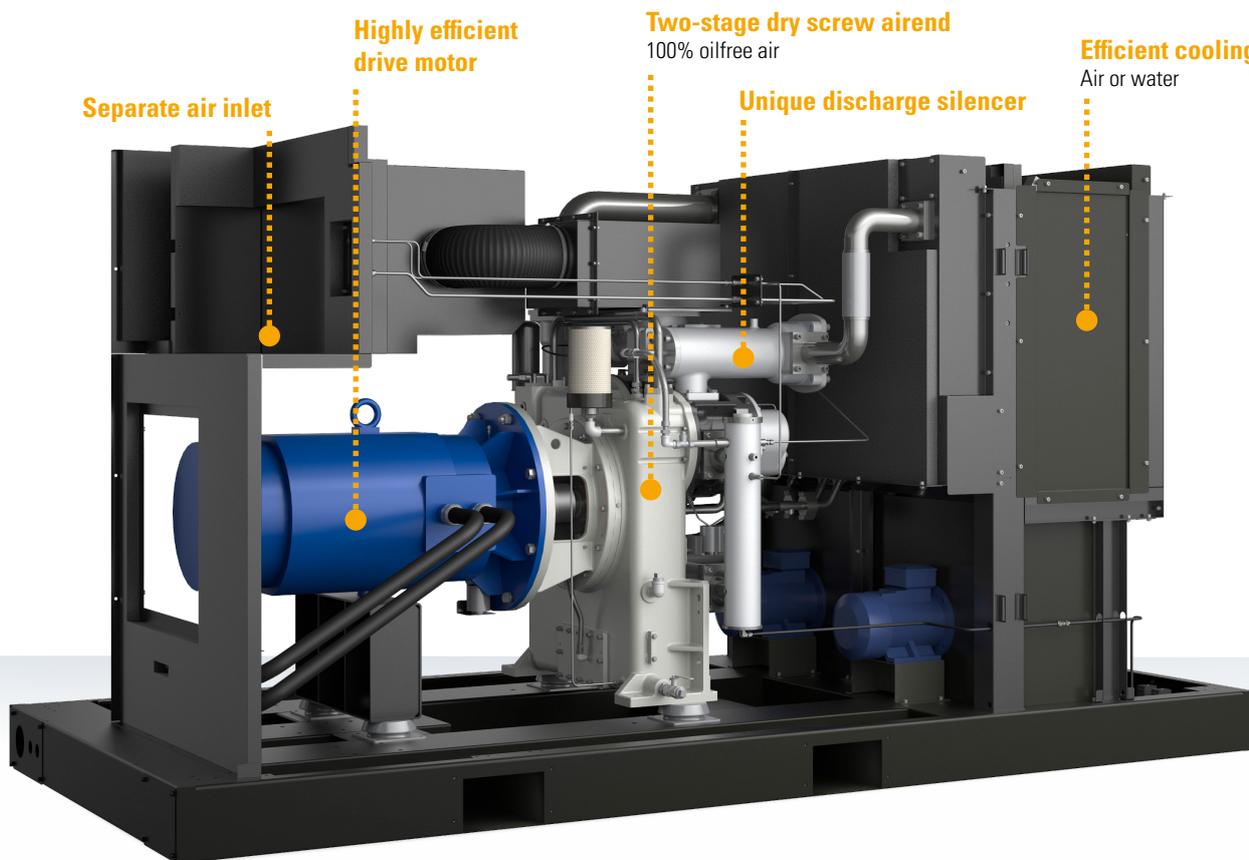
The series is offered with fixed speed as well as speed controlled version and covers a volume flow requirement of 9,04 - 48,6 m³/min. The compressors are offered both with air cooling and optionally with water cooling. A well-thought-out design of the machine using high-quality materials to achieve a noise level that is market leading in the field of two-stage oil-free technology.

The SIMPLEXX series is also equipped with a control system which continuously monitors all important parameters, thus ensuring efficient operation and offering the customer additional options such as regulating the operation of several compressors in one station.

With the introduction of SIMPLEXX, ALMiG expands its product range for 100% oil-free compressed air and offers a very efficient compressor series for the highest demands. It can be adapted to varying compressed air requirements and convinces through its design with a very low noise level.

Advantages:

- Two-stage dry screw technology
- Guaranteed 100% oilfree air
- Fix speed & speed controlled
- Market leading sound level
- Air & water cooling
- Air Control HE controller as standard



| SIMPLEXX | Operating overpressure bar | Volume flow acc. to ISO 1217 (Annex C-2009) max. at 7 bar | | Rated motor power kW | Length mm | Width mm | Height mm | Weight kg |
|-----------------------------|-------------------------------|--|---------------------|-------------------------|--------------|-------------|--------------|--------------|
| | | m ³ /min | m ³ /min | | | | | |
| 50 Hz - air-cooled | | | | | | | | |
| 132 | 4 - 10,4 | 23,8 | | 132 | 3730 | 1700 | 1995 | 4700 |
| 145 | 4 - 10,4 | 25,6 | | 145 | 3730 | 1700 | 1995 | 4700 |
| 160 | 4 - 10,4 | 28,2 | | 160 | 3730 | 1700 | 1995 | 4700 |
| 200 | 4 - 10,4 | 35,4 | | 200 | 4300 | 1900 | 2180 | 6200 |
| 250 | 4 - 10,4 | 44,0 | | 250 | 4300 | 1900 | 2180 | 6200 |
| 275 | 4 - 10,4 | 47,6 | | 275 | 4300 | 1900 | 2180 | 6250 |
| 50 Hz - water-cooled | | | | | | | | |
| 132 | 4 - 10,4 | 24,8 | | 132 | 2705 | 1545 | 1845 | 4100 |
| 145 | 4 - 10,4 | 26,5 | | 145 | 2705 | 1545 | 1845 | 4200 |
| 160 | 4 - 10,4 | 29,2 | | 160 | 2705 | 1545 | 1845 | 4200 |
| 200 | 4 - 10,4 | 37,4 | | 200 | 3150 | 1600 | 2180 | 5950 |
| 250 | 4 - 10,4 | 45,0 | | 250 | 3150 | 1600 | 2180 | 5950 |
| 275 | 4 - 10,4 | 48,6 | | 275 | 3150 | 1600 | 2180 | 6000 |

| SIMPLEXX | Operating overpressure bar | Volume flow acc. to ISO 1217 (Annex C-2009) | | Rated motor power kW | Length mm | Width mm | Height mm | Weight kg |
|--|-------------------------------|---|-----------------------------|-------------------------|--------------|-------------|--------------|--------------|
| | | min. m ³ /min | max. m ³ /min | | | | | |
| 50 Hz - speed controlled - air-cooled | | | | | | | | |
| SC 132 | 4 - 8,6 | 10,4 | 24,0 | 132 | 3730 | 1700 | 1995 | 4300 |
| SC 160 | 4 - 8,6 | 9,4 | 28,3 | 160 | 3730 | 1700 | 1995 | 4300 |
| SC 250 | 4 - 8,6 | 15,4 | 44,4 | 250 | 4300 | 1900 | 2180 | 5600 |
| 50 Hz - speed controlled - water-cooled | | | | | | | | |
| SC 132 | 4 - 10,4 | 11,0 | 24,9 | 132 | 2705 | 1545 | 1845 | 3700 |
| SC 160 | 4 - 10,4 | 10,1 | 29,3 | 160 | 2705 | 1545 | 1845 | 3800 |
| SC 250 | 4 - 10,4 | 15,4 | 45,4 | 250 | 3150 | 1600 | 2180 | 5350 |