



# /// NEW SILVER ROTARY SCREW COMPRESSORS

Performance, simplicity, longevity.  
The next generation of compressed  
air solutions.

*Italian technology since 1977 for a choice that lasts over time.*

**fiac**  
AIR COMPRESSORS

**WILKINSON STAR**

# NEW SILVER ROTARY SCREW COMPRESSORS

When a business demands superior compressed air performance and space is at a premium, FIAC's New Silver range of rotary screw compressors is the perfect choice.



## Key features

- Market-leading power and high performance
- Latest innovation in air end technology
- Easy mobility, installation and operation
- Low noise and vibration
- Compact design for closer point of use
- Simple and reliable digital controller
- Energy efficient with reduced CO2 emissions

Delivering superior performance over piston compressors makes the New Silver range an ideal solution for automotive and industrial applications requiring continuous demand of compressed air, where operating conditions are often challenging and pressure reliability is crucial.



/// Automotive applications



/// Industrial applications

# NEW SILVER NS 3D



## /// Overview

- Superior performance and efficiency over belt-driven piston compressors
- Quiet operation as low as 59 dB(A)
- High reliability and unit longevity delivering improved lifecycle cost of ownership
- Robust air network and tools protected against corrosion and damage
- Quick, easy and cost-effective maintenance
- Space saving design
- Environmentally compliant



## /// Key features

- Latest generation compressor screw technology with fully integrated aluminum block and direct drive transmission
- Maximum pressure up to 10 bar
- Compact and portable for easy mobility
- Low noise and vibration for close point of use and minimum piping
- Plug-and-play operation with no expertise required
- High efficient direct transmission contributes to high reliability and easy maintenance
- WEG motors
- Siemens electrical components



## /// Easy maintenance



## /// Portable



## /// Compact design

Order Code	Model	HP	CFM	Tank (Litres)	Max Pressure (Bar)	Voltage	Noise Level dB(A)	Dimensions (LxWxH) (mm)	Weight (Kg)
4152044001	NS D 3	3	9.9	200	10	230V	59	1430 x 616 x 1268	160

\* Unit performance measured according to ISO1217, Annex C, latest edition

\*\* Noise level measured according to ISO 2151:2004 using ISO 9614/2 (sound intensity method).



# NEW SILVER SCREW COMPRESSORS

## NS 10-270 • NS 15-270 • NS 20-270



### /// Overview

- 3-in-1 compressed air system
- Configurations: Base mounted | Tank mounted | Tank mounted + Dryer
- Innovative eco-friendly vertical oil separation
- High performance and low CO2 emissions
- Superior reliability throughout compressor lifecycle

### /// Key features

- Fully integrated aluminum block
- Superior vertical oil separation
- New generation compact air end
- Highly reliable, energy efficient motor
- Low noise and vibration
- Simple and reliable digital controller
- One of the smallest footprints on the market
- Quick, easy and cost-effective maintenance
- WEG motors
- Siemens electrical components



/// Oil filtration



/// Oil level check



/// Easy maintenance



## Innovation

- New Integrated Block: **Innovative design made of Aluminum**
- Complex architecture with minimum parts and internally casted channels
- Stable oil film on the surface
- Compactness of the integrated oil circuit
- Less risk of all types of corrosion & Less risk of condensation
- Simple maintenance



Order Code	Model	HP	CFM	Tank (Litres)	Max Pressure (Bar)	Voltage	Noise Level dB(A)	Dimensions (LxWxH) (mm)	Weight (Kg)
4152040061	NS 10 270	10	34.1	270	10	400V	69	1533 x 500 x 1447	257
4152040524	NS 15 270	15	49.8	270	10	400V	69	1533 x 678 x 1447	286
4152040530	NS 20 270	20	59.3	270	10	400V	71	1533 x 678 x 1447	305

\* Unit performance measured according to ISO1217, Annex C, latest edition

\*\* Noise level measured according to ISO 2151:2004 using ISO 9614/2 (sound intensity method).



# NEW SILVER SCREW COMPRESSORS WITH REFRIGERATED DRYERS

## NS 10-270D • NS 15-270D • NS 20-270D



### The all-in-one compressor

- 3-in-1 compressed air system
- Base mounted – Tank mounted – Tank mounted + Dryer
- Innovative eco-friendly vertical oil separation
- High performance and low CO2 emissions
- Space-saving installation
- Low noise and vibration
- Robust and reliable
- Simple maintenance



### Delivering the total compressed air solution

#### Energy optimization ///

- Air Energy Control 3B Basic Controller
- Remote Start/Stop and automatic restart
- Temperature and pressure setting
- Running hours indicator
- Service and failure warnings

#### Air quality ///

- Highly efficient 3-stage oil separation
- Modified refrigerant dryer enabling close POU
- Refrigerant gas R410A
- PDP around 3°C
- Intelligent automatic drain with solenoid, no air loss



## Screw compressor technology designed for industry

We continue to innovate our compressed air solutions to meet the demands of businesses in all areas of industry. The latest generation of rotary screw technology delivers greater benefits than ever before, on cost of ownership, sustainability, performance and reliability.

## Superior performance

High performance coupled with lower energy consumption. The CSM generates more air and does so more efficiently thanks to its superior compression technology.

## Improved duty cycle

While piston compressors require cool-down periods, screw compressors can be used all day long, providing compressed air on demand.

## Minimal noise

Piston compressors are typically 20 dB(A) louder than rotary screw compressors, allowing machines to be placed much closer to the point of use, which also reduces piping.

## Cleaner air

With an oil carry-over of less than 5 ppm, our screw compressor range generates much cleaner air than a typical piston compressor (more than 30 ppm), which is more eco-friendly and helps to protect downstream tools and equipment.

Order Code	Model	HP	CFM	Tank (Litres)	Max Pressure (Bar)	Voltage	Noise Level dB(A)	Dimensions (LxWxH) (mm)	Weight (Kg)
4152040185	NS 10 270D	10	34.1	270	10	400V	69	1533 x 500 x 1447	296
4152040641	NS 15 270D	15	49.8	270	10	400V	69	1533 x 678 x 1447	329
4152040647	NS 20 270D	20	59.3	270	10	400V	71	1533 x 678 x 1447	348

\* Unit performance measured in 7,5 e 9,5 bar according to ISO1217, Annex C, latest edition

\*\* Noise level measured according to ISO 2151:2004 using ISO 9614/2 (sound intensity method).





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