

# Technology at the service of efficiency

WINAIR has been offering its expertise, experience and flexibility to the construction, crafts and public works industries since 1997.

The production plant situated in Genas (Rhône) is characterized by high technology and is constantly at the service of its customers. Winair offers compact screw compressors of high technological value, immediately available and operational. Become one of our many customers worldwide who use WINAIR compressors.



WINAIR®

## Strengths:

Our range of compact compressors stands out by its progressive control system which adjusts the engine power to the air consumption of the pneumatic tools that are used, without the need for a tank to adjust the airflow. In the same capacity, our compact compressors have a weight and a reduced volume of 35% compared to a conventional compressor and represent the real answer to the problems of transport and of theft on construction sites. Compact, handy and efficient, the WINAIR compressors stand out as multi-purpose compressors for professionals in construction and public works.

## Numerous application fields:

Our compressors meet a very wide range of application and demanding trades of compressed air, with complete autonomy:

Construction/ Road works/ Restructuring : stripping, sandblasting  
air pressure cleaning, Hydro cleaning, chiselling, water resistance test, demolition.  
Mobile Workshop: tire repair, workshop trucks .

## Technical design:

- Variable speed rotary screw air compressor
- Adjustable air flow for your needs
- Powerful & compact
- Petrol engine
- No bulky fuel tank



- 1 Protective cover
- 2 Handle for transport
- 3 Oil mist separator
- 4 Compression block
- 5 Cooling system
- 6 Inflatable wheels
- 7 Honda engine
- 8 "Roll Bar" structure

## A compact range:

- Saves space and weight
- Manageable and transportable
- The answer to transportation problems and theft on construction sites



■ **SC 1200 HDM/HD**  
8,7 kW - 1200 lt./mn - 7/8 bar  
Adequate protection for excellent durability



■ **ECO 800 HDM/HDE**  
6,3 kW - 800 lt./mn - 6/7 bar  
The lighter on the market



■ **SC 1900 HDE**  
15,5 kW - 1900 lt./mn - 7/8 bar  
All components are designed to integrate and facilitate the use of the device (same for SC 2200 HDE)



■ **ECO 1200 HDM/HDE**  
8,7 kW - 1200 lt./mn - 7/8 bar



■ **SC 2200 HDE**  
16,5 kW - 2200 lt./mn - 7/8 bar

## Technological choices:



**COMPRESSOR**  
The WINAIR range of self-contained compressors uses lubricated screw compressors with high airflow. The progressive adjustment of the airflow constantly maintains an operating pressure between 7 and 8 bar, thus avoiding the use of a cumbersome air tank.



**THERMIC ENGINE**  
Our choice of HONDA petrol engines, known for their high reliability and excellent sound level, guarantees the longevity of our compressors and a great ease of use. The engine speed is reduced automatically when the compressor is not stressed (control valve + pneumatic jack group).



**COOLING**  
Our compressors are equipped with an improved cooling system. Temperature control guarantees optimum longevity.



**OIL MIST SEPARATOR**  
Our compressors are equipped with an oil mist separator that guarantees excellent air quality.



**TRANSPORTATION**  
Large diameter inflatable wheels and large handle for easy moving and transportation.



**SECURITY**  
The "ROLL BAR" system fully protects the compressor and facilitates maintenance. The anti-vibration pads provide excellent stability and limit vibration.



**FUEL TANK**  
The SC 1500 and SC 1800 models are equipped with a mobile tank that enables simple and safe filling.



**AIR PRESSURE**  
All of our compressors are available with an optional pressure of 9/10 or 11/12 bar

# Fixed compressors:

- Not require air tank
- Saves space
- Ideal for embedded systems
- 4 vibration dampers



- SC 800 HDE - fixed option
- SC 1200 HDE - fixed option



- SC 1900 HDE - fixed option
- SC 2200 HDE - fixed option



- Platines SC 800 HDE / SC 1200 HDE  
Delivered with fixed portable fuel tank

- Platines SC 1900 HDE / SC 2200 HDE  
Delivered with portable fuel tank, equipped with a quick coupling Marine Safety category.



# Complementary products:



- cyclonic separator filters



- Air Cooled After cooler



- flexible connectors

# Technical features

Reference	Real flow <sup>(1)</sup>	Adjustment pressure <sup>(4)</sup>	HONDA petrol engine	HONDA engine model	Electric start-up (battery included)	Progressive adjustment of engine speed	Sound Power level LwA <sup>(2)</sup>	Mobile fuel tank	Dimensions L x W x H	Weight
	liters/mn	bar	kW/HP	ref.		rpm	dB(A)	liters	mm	kg
ECO 800 HDM	800	6/7	6,3/9	GX 270	-	2500 à 3500	97	5,3	820 X 560 X 610	69
ECO 800 HDE	800	6/7	6,3/9	GX 270	Yes	2500 à 3500	97	5,3	820 X 560 X 610	79
ECO 1200 HDM	1200	7/8	8,7/13	GX 390	-	2400 à 3500	97	6,1	820 X 560 X 610	80
ECO 1200 HDE	1200	7/8	8,7/13	GX 390	Yes	2400 à 3500	97	6,1	820 X 560 X 610	90
SC 800 HDM <sup>(5)</sup>	800	6/7	6,3/9	GX 270	-	2500 à 3500	97	5,3	820 X 560 X 610	79
SC 800 HDE <sup>(5)</sup>	800	6/7	6,3/9	GX 270	Yes	2500 à 3500	97	5,3	820 X 560 X 610	89
SC 1200 HDM <sup>(5)</sup>	1200	7/8	8,7/13	GX 390	-	2400 à 3500	97	6,1	820 X 560 X 610	100
SC 1200 HDE <sup>(5)</sup>	1200	7/8	8,7/13	GX 390	Yes	2400 à 3500	97	6,1	820 X 560 X 610	110
SC 1900 HDE <sup>(5)</sup>	1900	7/8	15,5/20	GX 630	Yes	2200 à 3600	97	20 <sup>(3)</sup>	890 X 635 X 670	145
SC 2200 HDE <sup>(5)</sup>	2200	7/8	16,5/22	GX 690	Yes	2200 à 3500	97	20 <sup>(3)</sup>	890 X 635 X 670	145

Plate mounted compressor with anti-vibration shock absorbers

PLATINE SC 800 HDE	800	6/7	6,3/9	GX 270	Yes	2500 à 3500	97	5,3	740 X 540 X 530	59
PLATINE SC 1200 HDE	1200	7/8	8,7/13	GX 390	Yes	2500 à 3500	97	6,1	740 X 540 X 530	65
PLATINE SC 1900 HDE	1900	7/8	15,5/20	GX 630	Yes	2200 à 3600	98	22 <sup>(3)</sup>	750 X 560 X 560	110
PLATINE SC 2200 HDE	2200	7/8	16,5/22	GX 690	Yes	2200 à 3500	98	22 <sup>(3)</sup>	750 X 560 X 560	110

(1) actual flow at 7 bar according to CE standard 1217 Annex C

(2) sound level in accordance with the European Directive 2000/14 Annex 8

(3) portable fuel tank, with a quick coupling marine Safety category

#### • OPERATING CONDITIONS:

ECO and PLATINE models:  
50° above room temperature (20-25°)

SC model:  
40° above room temperature (20-25°)

#### • OPTIONS:

(4) 9/10 or 11/12 bar pressure upon request

(5) Mounting Kit consisting of 4 shock absorbers + 4 floor mounting plates for commercial vehicle

#### • COMPLIANCE:

All the WINAIR compressors are made in accordance with directives 2006/42/EC on the safety of the machine, 2004/108/EC and 90/4488/EC relating to electromagnetic compatibility (EMC), 2009/105/EC for pressure tanks, 2006/95/EC on the use of electric devices, 97/23/EC of the European Parliament concerning security equipment under pressure. 2000/14/EC for the sound level.

#### • ORIGINAL SPARE PARTS: YOUR QUALITY ASSURANCE

The term "original spare parts" confirms that the components comply with our strict quality criteria. All spare parts are designed and approved to fit the corresponding compressors. The components are subjected to rigorous testing to ensure a high security level, thus allowing to increase the duration of the compressor and minimize the total cost of the investment. When it comes to the reliability of our products, we do not compromise.

Unlike "adaptable" spare parts, the use of our components certified as "original spare parts" ensures greater reliability of use and does not affect your warranty conditions.

Choosing quality guarantees your equipment a longer life.

# WINAIR®

AIR COMPRESSOR ROTARY SCREW, SELF & COMPACT

winair-compressor.com

from 3,9 to 22HP  
up to 2200 l/mn



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## WINAIR

2, rue Louis Renault - ZI de Velin - 69330 JONAGE (FRANCE)

Tel. +33 (0) 4 78 04 05 30 - Fax: +33 (0) 4 78 04 04 26

E mail: saswinair@gmail.com

Web site: winair-compressor.com