



Serie ↗ **EN COMPACT**

BELT-DRIVEN

LUBRICATED SCREW COMPRESSORS

ELGI

Always Better.

by **ROTAIR**®

www.rotairspa.com



CE



PATENTED UNIQUE PROFILE

ETA V

3 - 15 kW / 4 - 20 HP

ELGi

Always Better.

FROM A
LEADING
COMPANY

A UNIQUE

PRODUCT

FOR INNOVATION
AND PERFORMANCE

ELGI, industrial multinational Group, stands among the global leaders in production of air compressors, with a wide variety of applied technologies and models, to satisfy the most exigent and demanding necessities from its Customers

The constant and continuous research for innovative technologies, aimed at ensuring the maximum efficiency and productivity of ELGI compressors, warrants a profitable investment to our Customers, backed by a professional aftersales service, with dedicated, highly professional technicians, to ensure a long and efficient lifecycle to our compressors.

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www.rotairspa.com

TOTAL QUALITY AT YOUR SERVICE

Unique, modern and captivating design



PERFORMANT AND RELIABLE

Robust and functional for a long work life



HIGH PERFORMANCES AND LOW LYFCYCLE COST

Fast return of your investment (R.O.I)



ULTRA-SILENT from 61 to 68 dB(A)

Low acoustic impact on the environment





SIMPLIFIED MAINTENANCE, ALL UNDER CONTROL WITH THE ENCAP CONCEPT

The encapsulated ENCAP-type compressor unit is compact and functional, Avoids oil leakage from sealing and incorporates all essential components for its correct operation

Thanks to a pre-separation element into the tank, the quality of delivered air has a quantity of oil inferior to 2 PPM (parts per million)!



➤ TECHNOLOGY

EXCLUSIVE PROFILE:

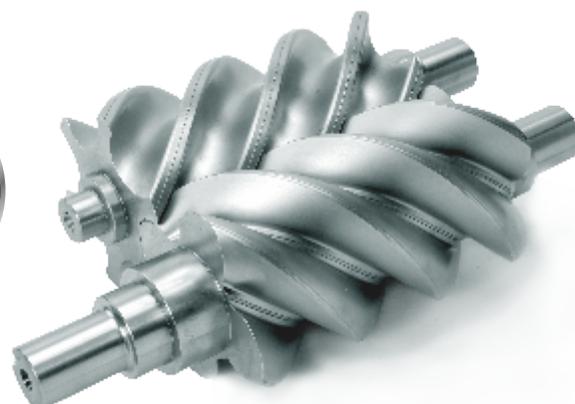
The peculiar profile of the rotors, ELGI patented ETA V type, assures performance, longer duration and absorbed energy consumes significantly reduced in respect to the consumptions that are common on the market.

High-yield and low energy consumption!

High reliability

High competitive purchase

Easy maintenance



EN - COMPACT

TOTAL ACCESS TO THE CORE IN FEW SECONDS...

➤ EASY MAINTENANCE

Thanks to the wide panels, soundproof yet removable from the main frame, full accessibility is granted to all parts of the compressor in few seconds

➤ EQUIPMENT

- **STANDALONE COMPRESSOR**
- **COMPRESSOR ON TANK**
- **COMPRESSOR ON TANK WITH DRYER**



➤ COMPLETE STANDARD EQUIPMENT

ALL COMPRESSORS ARE SERIE EQUIPPED WITH IN-BUILT AFTERCOOLER FOR AIR

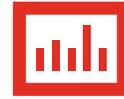
HIGH EFFICIENCY ELECTRIC MOTORS = LOW CONSUMES AND BETTER PERFORMANCE



EASY
MAINTENANCE



CONTROL
POWER SYSTEM



SUPER
SILENT



EASY
INSTALLATION

serie EN 53 V3



COUPLING SYSTEM :

Easy to check and tension, ensures long operation cycles before maintaining the belts



example serie EN 53 V3

VENTILATION AND COOLING SYSTEM OF ORIGINAL CONCEPT AND HIGH EFFICIENCY

The cooling system "per areas" (hot/cold air) enables operations with ambient temperatures between 0°C and 45° C



NEURON XT

ALL UNITS ARE EQUIPPED IN SERIE WITH MULTI-FUNCTIONS ELECTRONIC CONTROL PANEL

Intuitive and easy to read, it includes several functions for the complete monitoring of the unit.

MODELS / TECHNICAL FEATURES

MODEL	POWER	AIR OUTPUT		MAX PRESSURE	ACOUSTIC LEVEL	TANK	DRYER	WEIGHT COMPRESSOR	WEIGHT COMPRESSOR WITH TANK	WEIGHT COMP. WITH TANK+DRYER
	kW	M ³ /min	Litri/sec	Bar	dB(A)	Litres	MATCHING	KG	KG	KG
EN 3	3.0	0.45	7.46	7.2	61	270	SI	133	213	235
EN 3	3.0	0.37	6.20	9.7	61	270	SI	133	213	235
EN 3	3.0	0.26	4.40	12.7	61	270	SI	133	213	235
EN 4	4.0	0.51	8.50	7.2	61	270	SI	150	233	256
EN 4	4.0	0.43	7.25	9.7	61	270	SI	150	233	256
EN 4	4.0	0.39	6.53	12.7	61	270	SI	150	233	256
EN 5	5.5	0.75	12.46	7.2	64	270	SI	150	232	256
EN 5	5.5	0.65	10.76	9.7	64	270	SI	150	232	256
EN 5	5.5	0.53	8.83	12.7	64	270	SI	150	232	256
EN 7	7.5	1.15	19.17	7.2	66	270/500	SI	270	342/461	366/475
EN 7	7.5	0.95	15.82	9.7	66	270/500	SI	270	342/461	366/475
EN 7	7.5	0.77	12.94	12.7	66	270/500	SI	270	342/461	366/475
EN 11	11	1.76	29.50	7.2	67	270/500	SI	280	346/468	376/498
EN 11	11	1.47	24.73	9.7	67	270/500	SI	280	346/468	376/498
EN 11	11	1.24	20.72	12.7	67	270/500	SI	280	346/468	376/498
EN 15	15	2.08	34.17	7.2	68	500	SI	320	510	540
EN 15	15	1.78	29.73	9.7	68	500	SI	320	510	540
EN 15	15	1.57	26.43	12.7	68	500	SI	320	510	540

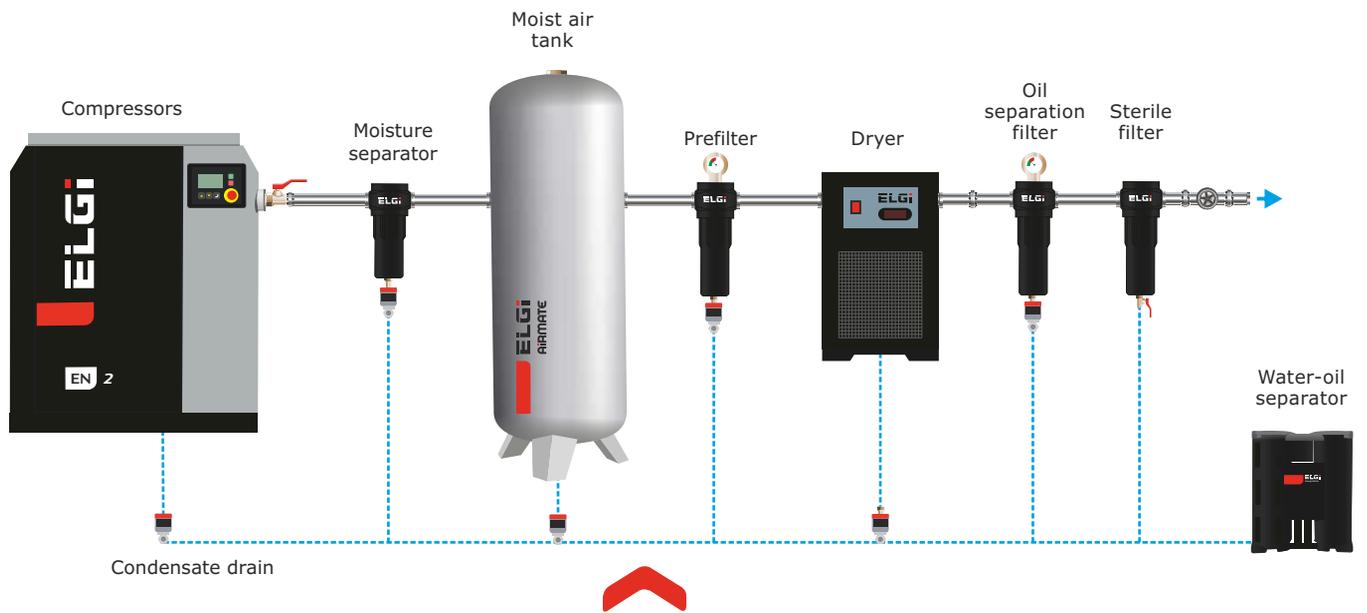
EN Serie - Dimensions

Model	Standalone compresseur	Compressor on 270 lt Tank and/or with dryer	Compressor on 500 lt. Tank and/or with dryer
EN 3 - EN 5	715 x 615 x 840 (mm)	1690 x 615 x 1590 (mm)	
EN 5 - EN 15	875 x 800 x 1008 (mm)	1690 x 820 x 1730 (mm)	1950 x 820 x 1830 (mm)

Note :

- Air output is tested according to ISO 1217 : 2009 Annexure C ED. 4.
- Maximum pressure or discharge pressure of all models is 1 bar higher than the working pressure.
- Start: direct up to model EN04 included – Star Delta from model EN05 onwards
- The acoustic level is measured according to ISO 2151, Second Edition, at a distance of 1 m in working conditions, +/- 3 dB(A).
- Thanks to the continuous improvement, specifications are subject to modifications without prior advice.

TENSION 400 V // IE3 MOTORS – IP 55 - 50Hz



KIT
Heat recovery system

KIT
Pre-heating for low temperatures

KIT
Water-oil separator

VALVE
Liquid drain

NETWORK CARDS
For compressor rooms

DRYERS
Direct expansion

FILTERS
For compressed air

TANKS
For compressed air



WARRANTY, DURATION AND RELIABILITY ARE ASSURED WITH THE EXCLUSIVE USE OF ORIGINAL SPARE PARTS

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Further information are available upon request. The manufacturer reserves its right to modify without prior notice the above indicated technical features.



Company certified ISO 9001:2008

ISO 9001
BUREAU VERITAS
Certification

