

Nitrox line

# LP 250

# ROTARY SILENT

Electric



CONTACT US

CERTIFICATION: CE UNI EN ISO 9001:2015





## Technical data

Type of gas	Nitrox 40% max O <sub>2</sub>
Intake pressure	Atmospheric
Working pressure	8 - 10 bar
Permissible ambient temperature range	-10 ÷ +40°
Permissible altitude	0 ÷ 1.500 m AMSL
Max permissible tilt	15°
Design	Silenced
Oil	Coltri Oil LP 46
Oil change interval	Every year / 2.000 h

## Compressor

### LP 250

Delivery rate screw compressor	950 l/min
Weight	215 kg 474 lb
<small>Standard model. Weight and dimensions may vary depending on accessories.</small>	
Dimensions (W x D x H)	76,5 × 86 × 132 cm - 30.1 × 33.8 × 52 in

## Motor

### LP 250

Power	7,5 kW - 10 hp
Type	Three-phase electric
Operating voltage/frequency	400 V, 50 Hz
<small>Different voltage / frequency available on request.</small>	
Rated current	13,2 A
Speed (RPM)	2.960 1/min

## Oxygen Percentages and HP compressor to connect

### LP 250

% O <sub>2</sub>	32%	36%
l/min Compressor HP to be connected	315 l/min	235 l/min

## Dimensions

Width 76,5 cm (30.1")

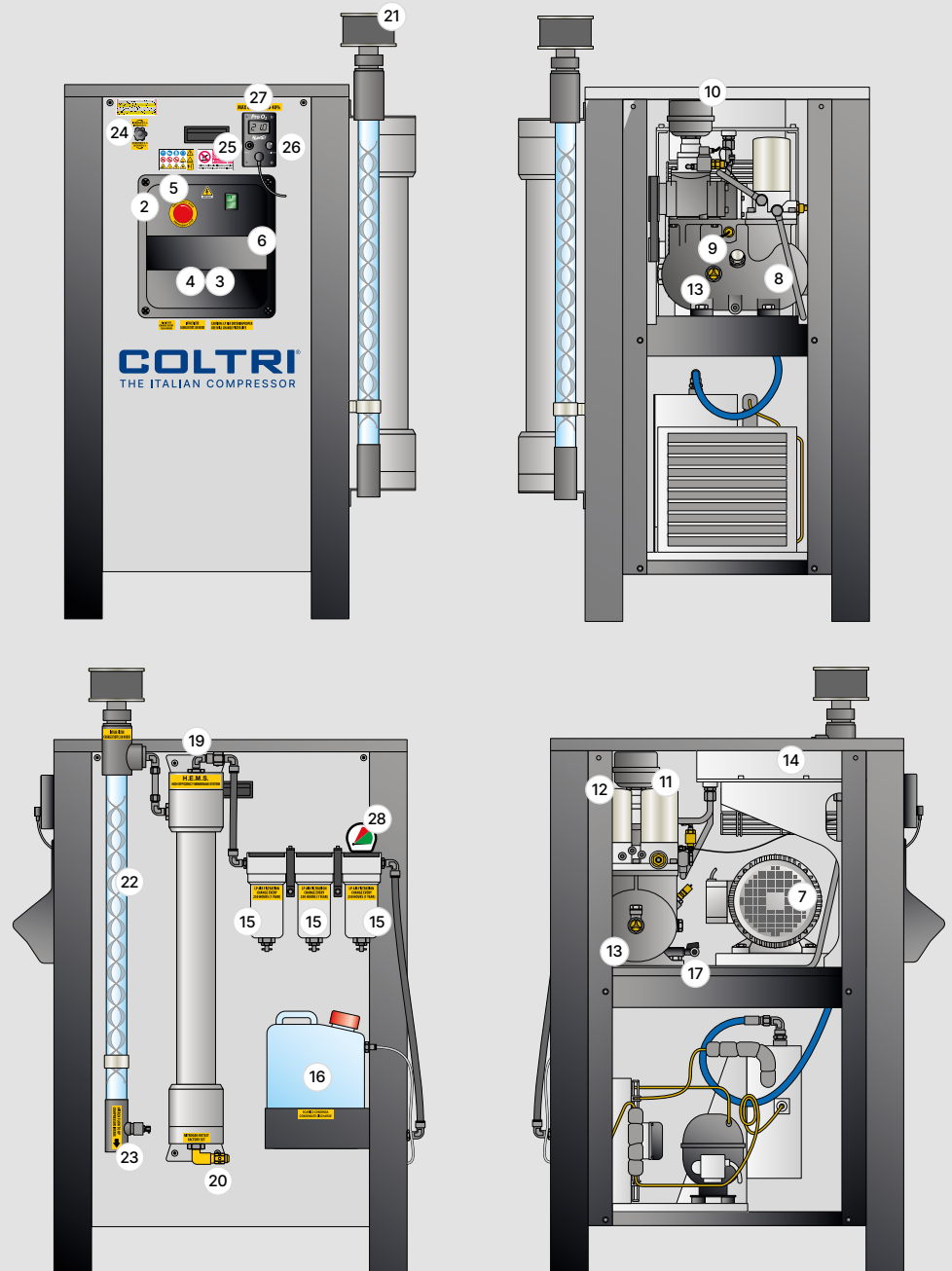
Depth 86 cm (33.8")

Height 132 cm (52")

## Weight

LP 250 ROTARY SILENT

215 kg / 474 lb



## Machine parts

- |    |                          |    |                                   |    |                            |
|----|--------------------------|----|-----------------------------------|----|----------------------------|
| 1  | Frame                    | 11 | De-oiler filter                   | 21 | Intake filter              |
| 2  | Control panel            | 12 | Oil filter                        | 22 | Mixer pipe                 |
| 3  | Start/Stop pushbutton    | 13 | Oil level indicator               | 23 | Nitrox outlet              |
| 4  | Electronic controller    | 14 | Heat exchanger                    | 24 | Oxygen percentage adjuster |
| 5  | Emergency pushbutton     | 15 | Membrane protection filter set    | 25 | ON/OFF pushbutton          |
| 6  | Heater temperature       | 16 | Condensate collection receptacles | 26 | Calibrator                 |
| 7  | Electric motor           | 17 | Oil drain cap                     | 27 | Membrane Oxygen control    |
| 8  | Screw compressor         | 18 | Heater                            | 28 | Filter clog indicator      |
| 9  | Oil filler cap           | 19 | Membrane                          |    |                            |
| 10 | Compressor intake filter | 20 | Nitrogen release                  |    |                            |

# Standard equipment

## Electrical panel



## Automatic condensate drain



## 2 analyzers



On HP compressor

## Thermostat



Connection with  
HP compressor

# 1 Parker Enoxy SA 708 oxygen membrane



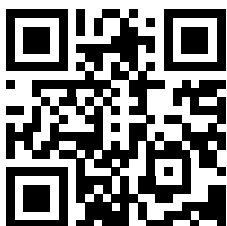
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THE ITALIAN COMPRESSOR