

Heavy Duty line

# Silent

Electric



Silent 400 EM<sup>1</sup>

Silent 450 ET

Silent 550 ET

Silent 650 ET

Silent 750 ET

Charging rate

**400** l/min

**450** l/min

**550** l/min

**650** l/min

**750** l/min

Refill time<sup>2</sup>

**5** min

**4.30** min

**4** min

**3** min

**2.40** min

Engine power

**7,5** kW

Single-phase electric

**7,5** kW

Three-phase electric

**9** kW

Three-phase electric

**11** kW

Three-phase electric

**15** kW

Three-phase electric

<sup>1</sup> Data referred to the maximum pressure of 300 bar

<sup>2</sup> Filling time 10 l empty cylinder - 0/200 bar (tolerance ±5%)

# What you don't feel is his greatest performance.

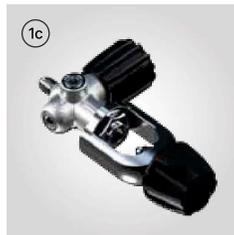
The **SILENT** model reaches new heights in terms of soundproofing, falling below the 70 dB operating threshold. Built to meet the demands of intensive use when large refill capacities are required, it has 4 front filling connections with high pressure hoses and an intuitive control panel. It also has an electric motor and powerful pumping units. For longer filter life, we recommend the Tornado high pressure dryer. Available option: Presec system for filter saturation control or the SAM system for multigas analysis and remote charging panel.

**Working pressure from 232 to 420 bar**

## Standard equipment

- |   |                                                                                               |
|---|-----------------------------------------------------------------------------------------------|
| 1 | 4 filling connections to choose between<br>(1a) DIN 232, (1b) DIN 300 o (1c) INT/YOKE 232 bar |
| 2 | 4 filling hoses of 1.2 m length                                                               |
| 3 | Pressure maintaining valve                                                                    |
| 4 | Interstage control gauges                                                                     |
| 5 | Double filtering system Hyperfilter certified PED                                             |
| 6 | Cabin temperature with automatic switch-off                                                   |
| 7 | Automatic condensate drain                                                                    |

- |    |                                                              |
|----|--------------------------------------------------------------|
| 8  | Phase controller that prohibits reverse rotation             |
| 9  | Electronic pressure switch with automatic switch-off         |
| 10 | Oil sight glass                                              |
| 11 | Oil pump                                                     |
| 12 | Auto-drain Condensate System with condensate collection tank |
| 13 | Frame color Black RAL 9005                                   |



## Optional

1	Remote filling panel Single pressure 4 filling connections DIN 232	7	Filling connection with gauge DRV DIN 300 bar
2	Remote filling panel Single pressure 4 filling connections DIN 300	8	DIN/INT adapter
3	Remote filling panel Double pressure 2 DIN 232 + 2 DIN 300	9	Filling connection DRV DIN/INT
4	Remote filling panel with lever taps Pressure Single 4 INT + 4 DIN 232 + 4 DIN 300	10	Presec, filter control system
5	Remote filling panel with lever taps Pressure Double 2 INT + 1 DIN 232 + 1 DIN 300	11	SAM sensors CO + CO <sub>2</sub> + H <sub>2</sub> O Available in version with VOC.
6	Filling connection with gauge DRV DIN 232 bar	12	Tornado refrigerator - Dryer Available in 350 bar or 420 bar versions.
		13	Filling hose. Available: 1,5 m - 2,0 m 3,0 m - 4,0 m - 5,0 m - 8,0 m - 10,0 m
		14	Stainless steel frame with MOQ



## Dimensions

Width 93,5 cm (36.8")  
 Depth 130 cm (51.3")  
 Height 173,5 cm (68.3")

## Dry weight

**SILENT 450 EM** 446 kg (983 lb)  
**SILENT 450 ET** 446 kg (983 lb)  
**SILENT 550 ET** 451 kg (994 lb)

**SILENT 650 ET** 455 kg (1.003 lb)  
**SILENT 760 ET** 463 kg (1.020 lb)



## Machine parts

- |                                               |                                                |                          |
|-----------------------------------------------|------------------------------------------------|--------------------------|
| 1 Frame                                       | 14 1st stage pressure gauge                    | 28 1st stage             |
| 2 Control panel                               | 15 2nd stage pressure gauge                    | 29 2nd stage             |
| 3 ON pushbutton                               | 16 3rd stage pressure gauge                    | 30 3rd stage             |
| 4 Stop pushbutton                             | 17 4th stage pressure gauge / working pressure | 31 4th stage             |
| 5 Condensate discharge pushbutton             | 18 Refill hoses connection                     | 32 Monoblock             |
| 6 Power indicator light                       | 19 Oil level                                   | 33 Oil filler plug       |
| 7 Direction of rotation indicator light       | 20 Oil discharge valves                        | 34 Safety valve          |
| 8 Oil level warning light                     | 21 Purification system                         | 35 Maintenance valve     |
| 9 Hour counter                                | 22 Condensate collection container             | 36 Cooling fan           |
| 10 Cabinet interior / cooling air temperature | 23 Condensate collection tank                  | 37 Belt                  |
| 11 Emergency pushbutton                       | 24 Electric motor                              | 38 Anti-vibration device |
| 12 Automatic shutdown pressure switch         | 25 Pumping unit                                | 39 Condensate separator  |
| 13 Oil pressure gauge                         | 26 Air filter                                  | 40 Oil pump              |
|                                               | 27 Final condensate separator                  | 41 Oil filter            |