

Efficient line

Mark III Silent

Electric



Mark III Silent
210 EM¹

Mark III Silent
235 ET

Mark III Silent
270 EM¹

Mark III Silent
315 ET

Charging rate

210 l/min

235 l/min

270 l/min

315 l/min

Refill time²

10 min

8.30 min

7.20 min

6.20 min

Engine power

4 kW

Single-phase electric

4 kW

Three-phase electric

5,5 kW

Single-phase electric

5,5 kW

Three-phase electric

¹ Data referred to the maximum pressure of 232 bar

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

Control is everything.

The **Mark III Silent** model is designed with control systems to effectively monitor all operations: interstage pressure, oil level, internal cabin temperature and rotation direction detector. With two connections for high pressure flexible hoses, it is equipped with electric motors and powerful pumping units, automatic condensate drain and electrical panel for managing the automatic compressor shutdown. Available options include the remote charging panel.

Working pressure from 232 to 420 bar

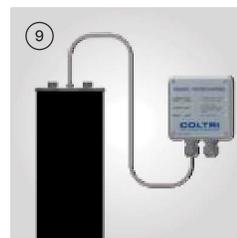
Standard equipment

1	2 filling connections to choose between (1a) DIN 232, (1b) DIN 300 o (1c) INT/YOKE 232 bar	7	Phase controller that prohibits reverse rotation
2	2 filling hoses of 1.2 m length	8	Pressure switch with automatic switch-off
3	Pressure maintaining valve	9	Oil sight glass
4	Interstage control gauges	10	Auto-drain Condensate System with condensate collection tank
5	Maxifilter filtration system	11	Frame color Blue RAL 5015
6	Cabin temperature with automatic switch-off		



Optional

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



Dimensions

Width 103 cm (40.5")

Depth 73 cm (28.7")

Height 91 cm (35.8")

Dry weight

MARK III SILENT 210 EM

162 kg (357 lb)

MARK III SILENT 235 ET

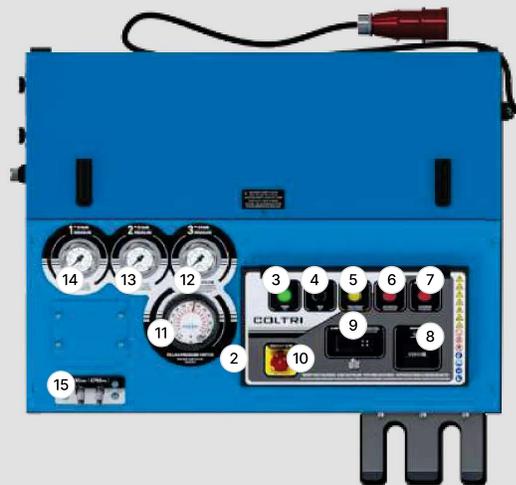
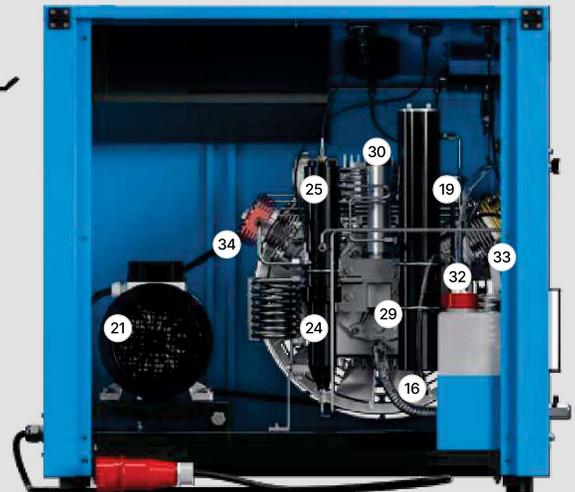
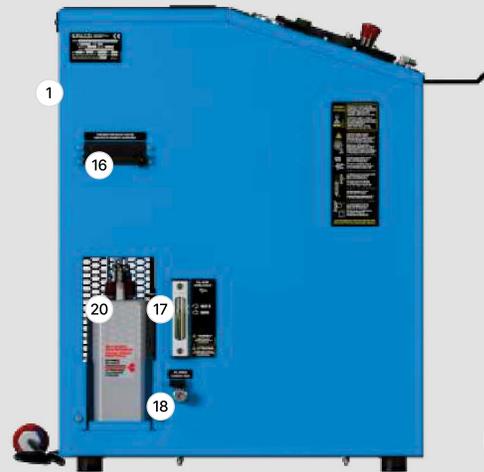
162 kg (357 lb)

MARK III SILENT 270 EM

168 kg (370 lb)

MARK III SILENT 315 ET

168 kg (370 lb)



Machine parts

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