

MINI SILENT

Electric



MINI SILENT 100 EM

MINI SILENT 100 ET

MINI SILENT 150 EM

MINI SILENT 150 ET

Charging rate **100** l/min

Filling time¹ **20** min

Engine power **2,2** kW Single-phase electric **3** kW Three-phase electric

Dimensions² (L x D x H) **71,5 × 67 × 110 cm** **28.1 × 26.4 × 43.4 in**

Weight² (dry weight) **84,5 kg** **186 lb** **105 kg** **231 lb**

1 Filling time 10 l empty cylinder - 0/200 bar (tolerance ±5%)
2 Standard model. Weight and dimensions may vary depending on accessories.

150 l/min

13.5 min

3 kW Single-phase electric **3** kW Three-phase electric

71,5 × 67 × 110 cm **28.1 × 26.4 × 43.4 in**

84,5 kg **186 lb** **105 kg** **231 lb**

Small, quiet and powerful

Coltri's breathing air compressors of the **Mini SILENT** series, equipped with 100 and 125 l/min pumping units, are characterized by extreme silence, obtained without sacrificing performance. The large space offered by the frame allows the use of a filtering system with Maxifilter. These compressors are available with single-phase or three-phase electric motor and integrated control panel with hour meter, they have automatic condensate drain and autostop as standard. The equipment includes a filling connection for flexible hose with working pressure from 232 to 330 bar.

Working pressure from 232 to 330 bar

Standard equipments



Filling connection
DRV DIN 232 bar



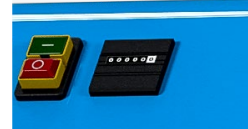
Filling connection
DRV DIN 300 bar



Filling connection
DRV INT/YOKE 232 bar



Filling hose of 1.2 m
length



Hour meter



Pressure maintaining
valve



Autostop



MAXIFILTER
filtration system



Auto-drain Condensate
System with condensate
collection tank



Frame color
RAL 7035 +
RAL 6018

Optional



C-Monitor

SMART

Electric



	SMART 125 EM ¹	SMART 210 EM ¹	SMART 235 ET	SMART 270 EM ¹	SMART 315 ET
Charging rate	150 l/min	210 l/min	230 l/min	270 l/min	315 l/min
Filling time ²	13.5 min	10 min	8.30 min	7.20 min	6.20 min
Engine power	3 kW Single-phase electric	4 kW Single-phase electric	4 kW Three-phase electric	5,5 kW Single-phase electric	5,5 kW Three-phase electric
Dimensions ³ (L x D x H)	100 × 46 × 70 cm 39.4 × 18.1 × 27.6 in				
Weight ³ (dry weight)	93 kg 205 lb	100 kg 220 lb	95 kg 210 lb	105 kg 231 lb	

¹ Data referred to the maximum pressure of 232 bar

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

³ Standard model. Weight and dimensions may vary depending on accessories.

The evolution of the species

SMART breathing air compressors represent the evolution of the **STANDARD**, one of the best known and biggest selling models in the world. They are equipped with two connections for high pressure hoses, a single or three phase electric motor, indestructible pumping units and a compact frame with handles for easier transport. Available options: external refilling panels, electrical display with automatic condensate drainage, and autostop pressure gauge.

Working pressure from 232 to 420 bar

Standard equipments



2 filling connections
DRV DIN 232 bar



2 filling connections
DRV DIN 300 bar



2 filling connections
DRV INT/YOKE 232 bar



2 filling hoses of 1.2 m
length



Pressure maintaining
valve



MAXIFILTER
filtration system



Oil sight glass with
autostop



Carrying handles



Frame color
Blue RAL 5015

Optional



C-Monitor



Remote control
panel

MARK III SILENT

Electric



	MARK III SILENT 210 EM ¹	MARK III SILENT 235 ET	MARK III SILENT 270 EM ¹	MARK III SILENT 315 ET
Charging rate	210 l/min	235 l/min	270 l/min	315 l/min
Filling time ²	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
Dimensions ³ (L x D x H)	103 × 73 × 91 cm 40.5 × 28.7 × 35.8 in			
Weight ³ (dry weight)	162 kg 357 lb		168 kg 370 lb	

¹ Data referred to the maximum pressure of 232 bar

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

³ Standard model. Weight and dimensions may vary depending on accessories.

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 equipments



2 filling connections
DRV DIN 232 bar



2 filling connections
DRV DIN 300 bar



2 filling connections
DRV INT/YOKE 232 bar



2 filling hoses of 1.2 m
length



Pressure maintaining
valve



Interstage control
gauges



MAXIFILTER
filtration system



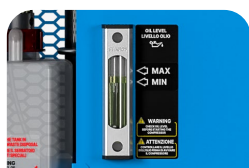
Cabin temperature with
automatic switch-off



Phase controller that
prohibits reverse
rotation



Pressure switch with
automatic switch-off



Oil sight glass with
autostop



Auto-drain Condensate
System with condensate
collection tank



Frame color Blue
RAL 5015

Optional



C-Monitor



Presec, filter
control system



SAM sensors
CO + CO₂ + H₂O.
Available in version
with VOC



Tornado
refrigerator
Available in
350 bar
or 420 bar

ERGO

Electric



	ERGO 210 EM ¹	ERGO 235 ET	ERGO 270 EM ¹	ERGO 315 ET
Charging rate	210 l/min	235 l/min	270 l/min	315 l/min
Filling time ²	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
Dimensions ³ (L x D x H)	112 × 63 × 77 cm 44.1 × 24.8 × 30.3 in			
Weight ³ (dry weight)	159 kg 350 lb		147 kg 324 lb	152 kg 335 lb

¹ Data referred to the maximum pressure of 232 bar

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

³ Standard model. Weight and dimensions may vary depending on accessories.

Maximum efficiency in motion

Practical and lightweight, **ERGO** combines robustness and great operational efficiency. Equipped with two different pumping units, it can be powered by electric motors or Honda petrol/Kohler diesel engines. It is equipped with a monitoring panel complete with interstage pressure gauges, autostop with adjustable pressure switch, automatic condensate drain and rotation direction control. There are two connections for high pressure hoses (from 232 to 330 bar) and a Maxifilter filter system. The remote charging panel is available as an option.

Working pressure from 232 to 420 bar

Standard equipments



2 filling connections
DRV DIN 232 bar



2 filling connections
DRV DIN 300 bar



2 filling connections
DRV INT/YOKE 232 bar



2 filling hoses of 1.2 m
length



Pressure maintaining
valve



Interstage control
gauges



MAXIFILTER filtration
system



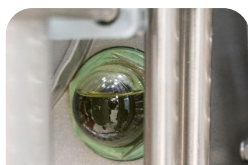
Cabin temperature with
automatic switch-off



Phase controller that
prohibits reverse
rotation



Pressure switch with
automatic switch-off



Oil sight glass with
autostop



Auto-drain Condensate
System with condensate
collection tank



Frame color
Blue RAL 5002

Optional



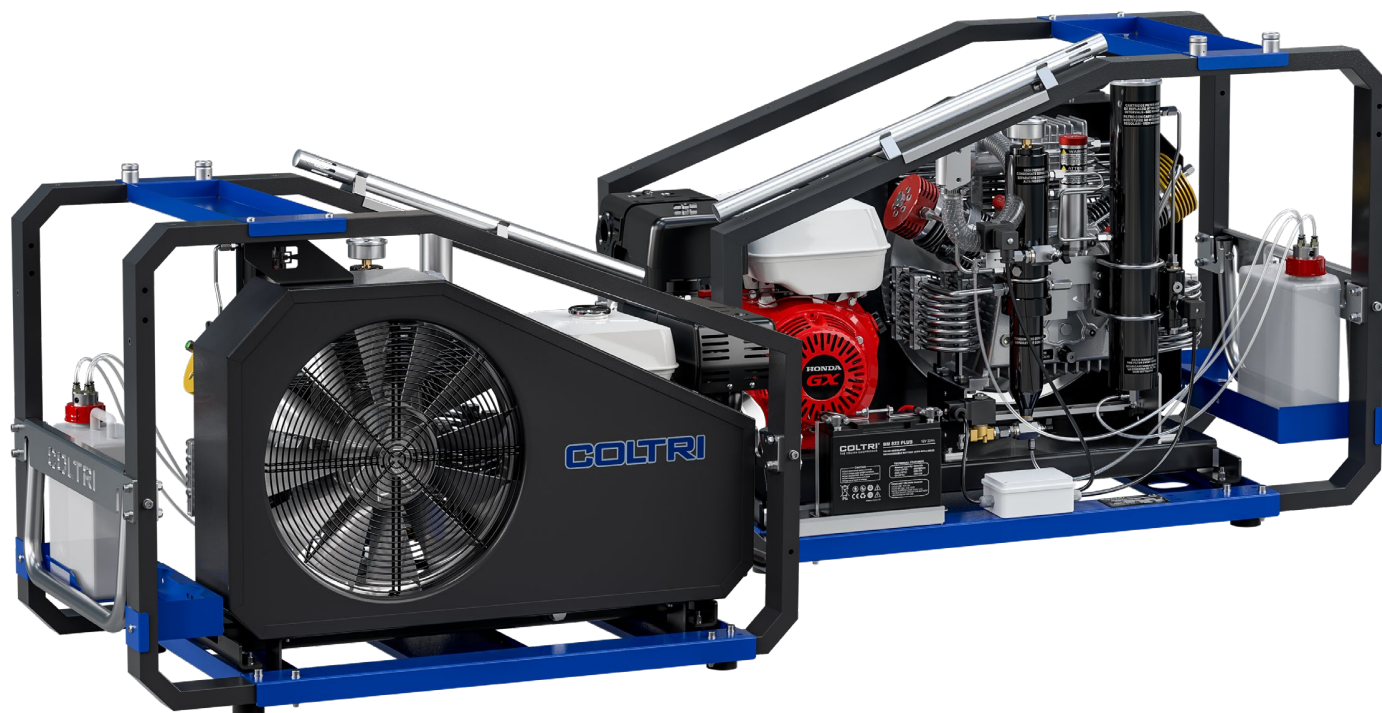
C-Monitor



Wheel kit

ERGO

Petrol



ERGO 270 SH
Petrol HONDA GX 270

ERGO 270 SH FA
Petrol HONDA GX 270

Charging rate

270 l/min

270 l/min

Filling time¹

7.20 min

7.20 min

Engine power

6,6 kW
Petrol HONDA GX 270

6,6 kW
Petrol HONDA GX 270 electric starter

Dimensions²
(L x D x H)

112 × 63 × 77 cm
44.1 × 24.8 × 30.3 in

Weight²
(dry weight)

160 kg
353 lb

¹ Filling time 10 l empty cylinder - 0/200 bar (tolerance ±5%)

² Standard model. Weight and dimensions may vary depending on accessories.


ERGO 270 SH
Petrol HONDA GX 270

ERGO 270 SH FA
Petrol HONDA GX 270


Fuel tank capacity	5,3 liters
Fuel consumption at continuous power	2,4 l/hour – 3600 giri/min

Working pressure from 232 to 420 bar


Standard equipments




2 filling connections
DRV DIN 232 bar
with pressure gauge




2 filling connections
DRV DIN 300 bar
with pressure gauge




2 filling connections
DRV INT/YOKE 232 bar




2 filling hoses of 1.2 m
length



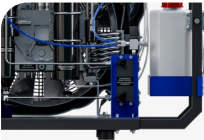
Pressure maintaining
valve




MAXIFILTER
filtration system




Oil sight glass with
autostop




Auto-drain Condensate
System with condensate
collection tank. Only for FA
model



Electric starter
Only for FA model




Fixed pressure switch
with automatic
shutdown.
Only for FA model




Frame color
Blue RAL 5002


Optional



C-Monitor



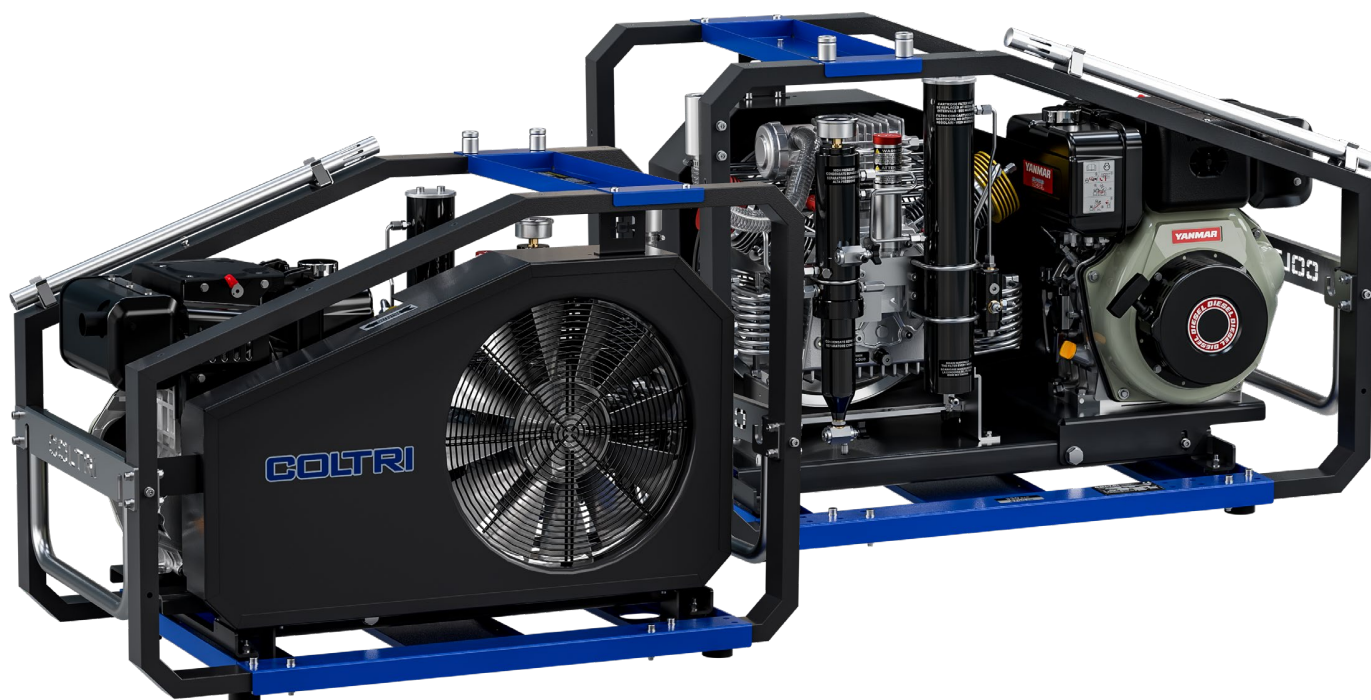
Digital hour meter



Wheel kit

ERGO

Diesel



ERGO 280 DY
Diesel YANMAR

ERGO 280 DY FA
Diesel YANMAR Elt. Str.

Charging rate

280 l/min

280 l/min

Filling time¹

7.20 min

7.20 min

Engine power

6,8 kW
Diesel YANMAR

6,8 kW
Diesel YANMAR electric starter

Dimensions²
(L x D x H)

118 × 63 × 77 cm
46.5 × 24.8 × 30.3 in

Weight²
(dry weight)

180 kg
397 lb


¹ Filling time 10 l empty cylinder - 0/200 bar (tolerance ±5%)

² Standard model. Weight and dimensions may vary depending on accessories.


	ERGO 280 DY Diesel YANMAR	ERGO 280 DY FA Diesel YANMAR Elt. Str.
Fuel tank capacity	5,4 liters	
Fuel consumption at continuous power	2,4 l/hour – 3600 giri/min	

Working pressure from 232 to 420 bar


Standard equipments




2 filling connections
DRV DIN 232 bar
with pressure gauge




2 filling connections
DRV DIN 300 bar
with pressure gauge



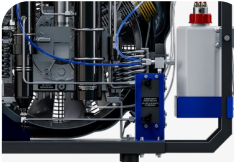
2 filling connections
DRV INT/YOKE 232 bar




2 filling hoses of 1.2 m
length




MAXIFILTER filtration
system




Auto-drain Condensate
System with condensate
collection tank.
Only for FA model



Electric starter.
Only for FA model




Fixed pressure switch
with automatic
shutdown.
Only for FA model




Frame color
RAL 5002
RAL 9005


Optional



C-Monitor



Digital hour meter



Wheel kit

SUPER SILENT

Electric



SUPER SILENT 235 ET

SUPER SILENT 315 ET

SUPER SILENT 330 ET

Charging rate	210 l/min	235 l/min	270 l/min
Filling time ¹	8.30 min	6.20 min	6 min
Engine power	4 kW Three-phase electric	5,5 kW Three-phase electric	7,5 kW Three-phase electric
Dimensions ² (L x D x H)		90 × 91 × 132 cm 35.4 × 35.8 × 352 in	
Weight ² (dry weight)	192 kg 423 lb		202 kg 445 lb

¹ Filling time 10 l empty cylinder - 0/200 bar (tolerance ±5%)

² Standard model. Weight and dimensions may vary depending on accessories.

Super, without the noise

The **SUPER SILENT** model stands out for its outstanding noise reduction. Easy to use, it features a high monitoring capability through control systems that track compressor operations. Standard equipment includes: two connections for high pressure hoses, interstage pressure gauge, oil level and internal cabin temperature control, rotation detector, electric motor, automatic condensate drain and autostop. Choose the best pumping group for your needs.

Working pressure from 232 to 420 bar

Standard equipments



2 filling connections
DRV DIN 232 bar



2 filling connections
DRV DIN 300 bar



2 filling connections
DRV INT/YOKE 232 bar



2 filling hoses of 1.2 m
length



Pressure maintaining
valve



Interstage control
gauges



MAXIFILTER filtration
system



Cabin temperature with
automatic switch-off



Phase controller that
prohibits reverse
rotation



Pressure switch with
automatic switch-off



Oil sight glass with
autostop



Auto-drain Condensate
System with condensate
collection tank



Frame color
Blue RAL 5015

Optional



C-Monitor



SAM sensors
CO + CO₂ + H₂O.
Available in version
with VOC

MAXIFILTER PURIFICATION SYSTEM



- A**
- ① Activated carbon
 - ② Molecular sieve
- (Standard equipment)**

- B**
- ① Activated carbon
 - ② CO-catalyst
 - ③ Molecular sieve
- (Suggested for applications with diesel/gasoline engines)**

MAXIFILTER

Operating pressure (Standard)

232 bar / 330 bar / 360 bar

Operating pressure max. (PS)

420 bar

Processable air capacity
(air inlet temperature in the filter 20° C
at 300 bar)¹

890 m³

¹ When using a filter cartridge without HOPCALITE CO CATALYST.
If a cartridge with CO removal is used, the process air capacity is reduced by about 20%.

MAXIFILTER condensate separation system

Used on Efficient line models.

- Interstage separator after the 2nd stage, forged and anodized aluminum.
- High-pressure final separator for removal of oil/water condensate.
- Final safety valve, PED certified, mounted on the separator housing.
- Pressure maintaining valve/check valve.

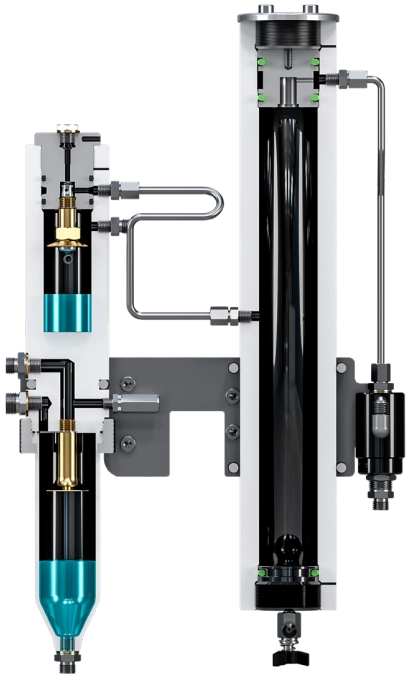
Contamination	Maximum content as per DIN EN 12021:2014	Air quality*
H ₂ O	25 mg/m ³	≤ 10 mg/m ³
CO	5 ppm(v)	≤ 4
CO ₂	500 ppm(v)	≤ 500
Oil	0,5 mg/m ³	≤ 0,5 mg/m ³

* Measured at our facility using ASCO HORA 160 ANALYZER.

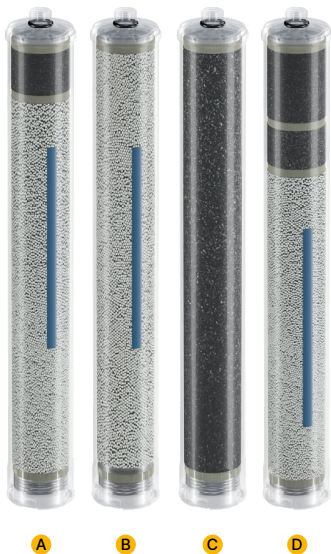
1 Only with special filter cartridge with HOPCALITE CO CATALYST. and up to a maximum concentration of 25 ppm CO in intake air. The compressed clean breathing air then contains a maximum of 5 ppm CO.

2 The level of CO₂ in the intake air must not exceed the maximum level of CO₂ as per EN 12021:2014

3 Reported values exceed ISO 8573-1 standards.



MAXIFILTER cartridge

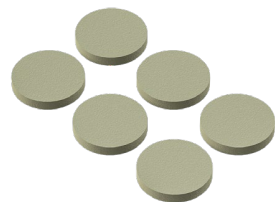


- A** With molecular sieve and activated carbon
- B** With molecular sieve
- C** With activated carbon
- D** With molecular sieve, activated carbon and CO-catalyst

Maxifilter cartridge caps and discs kit



Maxifilter cartridge felts



Standard equipments

Electromechanical pressure switch (Efficient line)

The instrument allows pressure to be displayed in bar/psi.

To be installed with the existing Hyperfilter filter system on the compressor.

Through the adjustment knob, it allows the maximum automatic shutdown pressure to be set.

