

HIGH AND LOW PRESSURE COMPRESSORS FOR PURE
BREATHING AIR - NITROX AND TECHNICAL GASES

CATALOGUE
2019

FILLING STATIONS

BREATHING AIR



COLTRI
COMPRESSORS
MADE IN ITALY

COMPANY



The company has constantly evolved by closely following the rapid progress of production tools, thus creating more and more reliable products using cutting-edge equipment, such as robots and mechanical equipment with numerical controls.

In the Aerotecnica Coltri workshops, designing new products is predominately aimed at the quest for quality in order to create absolutely reliable and long-lasting products.

Every component of our pumping units is designed and manufactured in the Aerotecnica Coltri workshops. All the compressors found in this catalogue are assembled entirely within the company.

Aerotecnica Coltri's readiness to foresee advanced technology has led us to improve the operational quality and precision of our compressors.



PRODUCTION



The production of high quality mechanical parts in Aerotecnica Coltri workshops is guaranteed by an efficient quality control system in the production cycle.

■ DEA®, our equipment, has a significant role in measuring dimensions since it can detect the geometrical characteristics of the parts and anticipate their behaviour when used as pieces of more complex components.

■ DEA® makes it possible to carry out precise measurements of objects with extremely variable dimensions and geometrical configurations as well as guaranteeing the production of the precise mechanical parts present in Coltri's compressors.

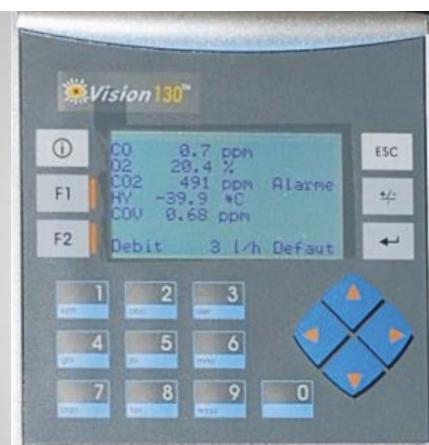
Through continuous refinement, Aerotecnica Coltri obtains quality certificates recognised around the world.

QUALITY

UNI EN ISO 9001:2015



SISTEMA DI GESTIONE
QUALITÀ CERTIFICATO



Breathing-Air Quality Testing Regulations EN12021

SMART LINE: EFFICIENT



MCH 16 ET THREE-PHASE ELECTRIC MOTOR

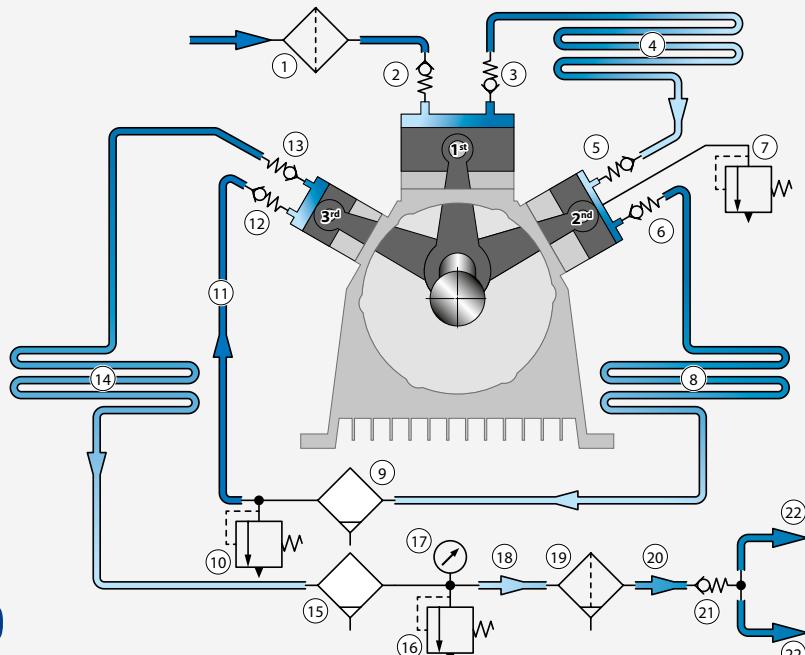
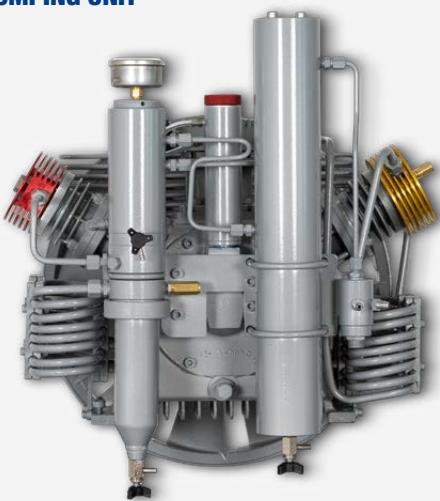
DESCRIPTION

Coltri's SMART line of breathing air compressors are STANDARD line evolution, the world's best known and sold. All models are equipped with two connections for high pressure hoses (from 232 to 330 bar), a single-phase or three-phase electric motor, robust pumping units (MCH 8, MCH 13 or MCH 16 depending on the specific model) and a compact frame with handles, suitable for transport. External refilling panels and an electrical display are available as optional extras, with various automatic features including automatic condensate drainage and an autostop pressure gauge.



MCH 16 ET THREE-PHASE ELECTRIC MOTOR

MCH 8 STANDARD PUMPING UNIT



MCH 11-13-16 STANDARD PUMPING UNIT



1	Intake filter	12	Intake valve 3rd stage
2	Intake valve 1st stage	13	Outlet valve 3rd stage
3	Outlet valve 1st stage	14	Aftercooler
4	Cooling pipe 1st-2nd stage	15	Condensate separator HP
5	Intake valve 2nd stage	16	Safety valve
6	Outlet valve 2nd stage	17	Pressure gauge
7	Safety valve 1st stage	18	Pipe separator/filter
8	Cooling pipe	19	Purifier filter
	2nd/condensate separator LP	20	Pipe filter/ pressure maintenance valve
9	Condensate separator LP	21	Pressure maintenance valve
10	Safety valve 2nd stage	22	Flex hoses
11	Pipe separator/3rd stage		

TECHNICAL DATA

	MCH 8	MCH 11	MCH 13	MCH 16
DRIVEN BY	SINGLE-PHASE ELECTRIC MOTOR	SINGLE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR
CHARGING RATE	135 l/min - 8 m ³ /h 4.7 CFM FAD	195 l/min - 11 m ³ /h 6.9 CFM FAD	235 l/min - 14.1 m ³ /h 8.3 CFM FAD	315 l/min - 18.9 m ³ /h 11.1 CFM FAD
FILLING TIME*	15 min.	10 min.	8 min. 30 sec.	6 min. 20 sec.
WORKING PRESSURE	232 - 300 - 330 bar 3365 - 4351 - 4786 psig	232 - 300 - 330 bar 3365 - 4351 - 4786 psig	232 - 300 - 330 bar 3365 - 4351 - 4786 psig	232 - 300 - 330 bar 3365 - 4351 - 4786 psig
NET WEIGHT APPROX.	93 kg - 205 lb	100 kg - 220 lb	95 kg - 209 lb	105 kg - 231 lb
NOISE	79 dB	79 dB	80.7 dB	82.3 dB

*Filling time cylinder 10 l-0/200 bar (measured by filling cylinder from 0 to 200 bar $\pm 5\%$)

Available on request: MCH 13 SINGLE-PHASE ELECTRIC MOTOR / MCH 16 SINGLE-PHASE ELECTRIC MOTOR.

STANDARD



BC DIN 232 bar - 3365 psig
BC DIN 300 bar - 4351 psig
2 valves BC (Pag. 65)



BC INT
2 valves BC
(Pag. 65)



Filling hoses
2 filling hoses 1.2 m - 3.9 ft lenght



Maxifilter
Filtration
(Pag. 66)

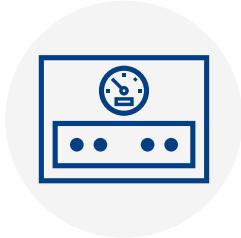
OPTIONAL



Pressure switch
auto shut off



Automatic condensate drain



Remote filling panels
(Pag. 64-65)

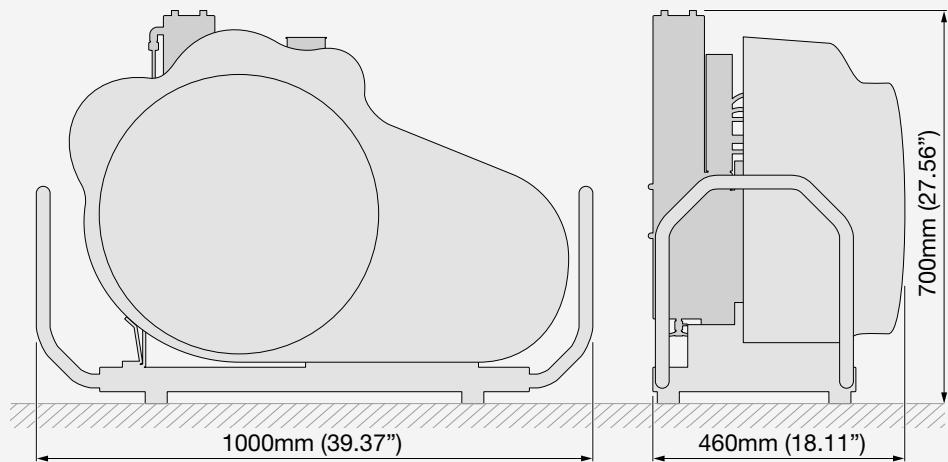


Automatic switchboard
(Pag. 9)

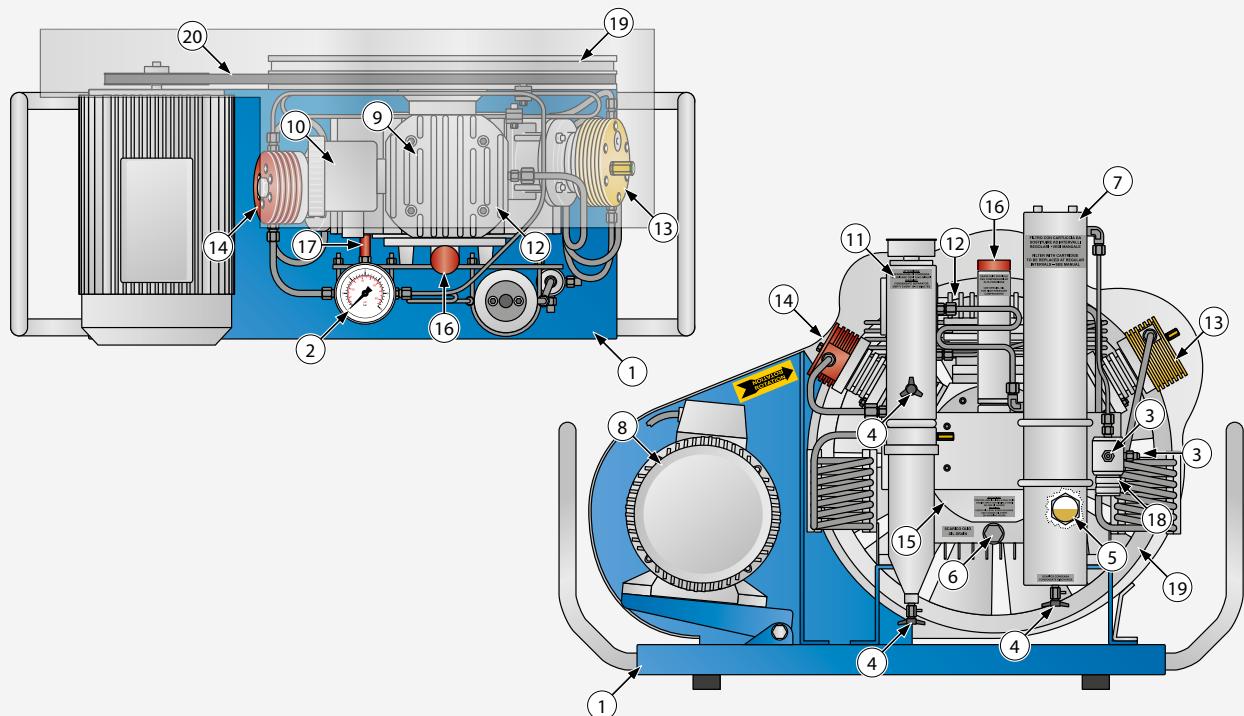


Filling hoses
length: 1.5 - 2 - 3 - 4 - 5 - 8 - 10 m
4.9 - 6.5 - 9.8 - 13.1 - 16.4 - 26.2 - 32.8 ft

DIMENSIONS



MACHINE PARTS



- 1** Frame
- 2** Pressure gauge
- 3** Refill hoses connection
- 4** Condensate discharge valves
- 5** Oil level
- 6** Oil discharge valves
- 7** Purifier filter
- 8** Motor
- 9** Compressor
- 10** Air filter

- 11** Condensate separator
- 12** 1st stage
- 13** 2nd stage
- 14** 3rd stage
- 15** Monobloc
- 16** Oil filler plug
- 17** Safety valve
- 18** Maintenance valve
- 19** Cooling fan
- 20** Belt

AUTOMATIC SWITCHBOARD

FOR STANDARD VERSION
THREE-PHASE ELECTRIC MOTOR



AUTOSTOP + AUTODRAIN WITH TIMER



CODE	SC000500/440/60	SC000500/400/50	SC000500/230/50
VOLTAGE	440 V/60 Hz	400 V/50 Hz	230 V/50 Hz
FOR VERSION	THREE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR
DIMENSIONS (W x H x D)	300 x 400 x 150 cm 118 x 157.5 x 59"	300 x 400 x 150 cm 118 x 157.5 x 59"	300 x 400 x 150 cm 118 x 157.5 x 59"



Pressure switch
auto shut off



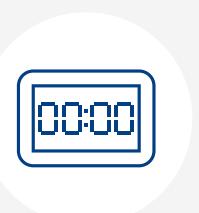
Automatic condensate drain

**START
STOP**

Start/Stop



Autostop



Timer

COMPACT EVO

LINE: EFFICIENT



MCH 16 ET THREE-PHASE ELECTRIC MOTOR

DESCRIPTION

COMPACT EVO has been designed with control systems that allow all the operations to be effectively monitored. The models in this series are equipped with two connections for high pressure hoses (from 232 to 330 bar), an interstage pressure gauge, oil level switch, cabin temperature thermostat and a rotation direction detector. They are equipped with three-phase motors and powerful pumping units (MCH 13, MCH 16 or MCH 18 depending on the specific model), an automatic condensate drain and electric switchboard to control the compressor's automatic shut-off. A remote filling panel can be added as an optional extra.

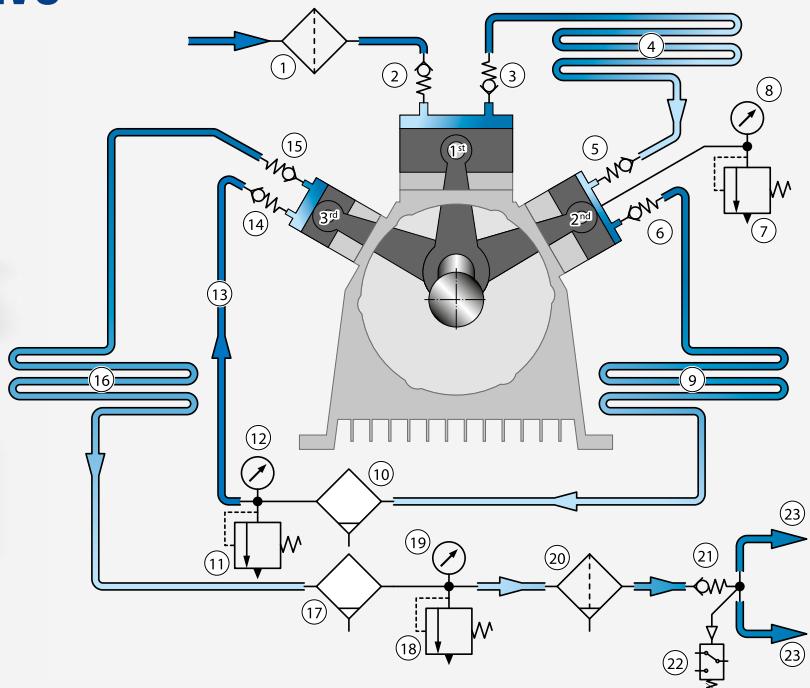


MCH 16 ET THREE-PHASE ELECTRIC MOTOR



MCH 13 ET THREE-PHASE ELECTRIC MOTOR

MCH 13-16-18 COMPACT EVO PUMPING UNIT



- 1 Intake filter
- 2 Intake valve 1st stage
- 3 Outlet valve 1st stage
- 4 Cooling pipe 1st-2nd stage
- 5 Intake valve 2nd stage
- 6 Outlet valve 2nd stage
- 7 Safety valve 1st stage
- 8 1st stage pressure gauge

- 9 Cooling pipe 2nd/condensate separator LP
- 10 Condensate separator LP
- 11 Safety valve 2nd stage
- 12 2nd stage pressure gauge
- 13 Pipe separator/3rd stage
- 14 Intake valve 3rd stage
- 15 Outlet valve 3rd stage

- 16 Aftercooler
- 17 Condensate separator HP
- 18 Safety valve
- 19 Pressure gauge
- 20 Purifier filter
- 21 Pressure maintenance valve
- 22 Pressure switch
- 23 Flex hoses

TECHNICAL DATA

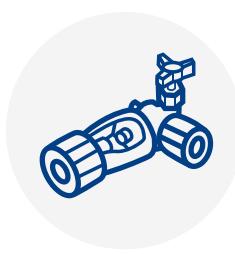
	MCH 13	MCH 16	MCH 18
DRIVEN BY	THREE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR
CHARGING RATE	235 l/min - 14.1 m ³ /h 8.3 CFM FAD	315 l/min - 18.9 m ³ /h 11.1 CFM FAD	330 l/min - 19.8 m ³ /h 11.65 CFM FAD
FILLING TIME*	8 min. 30 sec.	6 min. 20 sec.	6 min.
WORKING PRESSURE	232 - 300 - 330 bar 3365 - 4351 - 4786 psig	232 - 300 - 330 bar 3365 - 4351 - 4786 psig	232 - 300 - 330 bar 3365 - 4351 - 4786 psig
NET WEIGHT APPROX.	153 kg - 337 lb	163 kg - 359 lb	163 kg - 359 lb
NOISE	74,9 dB	81 dB	82 dB

*Filling time cylinder 10 l-0/200 bar (measured by filling cylinder from 0 to 200 bar $\pm 5\%$)

STANDARD



BC DIN 232 bar - 3365 psig
BC DIN 300 bar - 4351 psig
2 valves BC (Pag. 65)



BC INT
2 valves BC
(Pag. 65)



Filling hoses
2 filling hoses 1.2 m - 3.9 ft lenght



Automatic condensate drain



Pressure gauges
interstage control



Pressure switch
auto shut off



Thermostat
Cabin temperature
thermostat/auto shut off



Phase controller
that prohibits reverse rotation

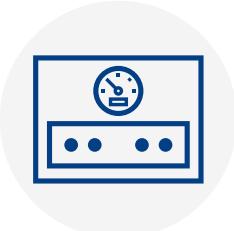


Oil level
switch/auto shut off



Maxifilter
Filtration
(Pag. 66)

OPTIONAL

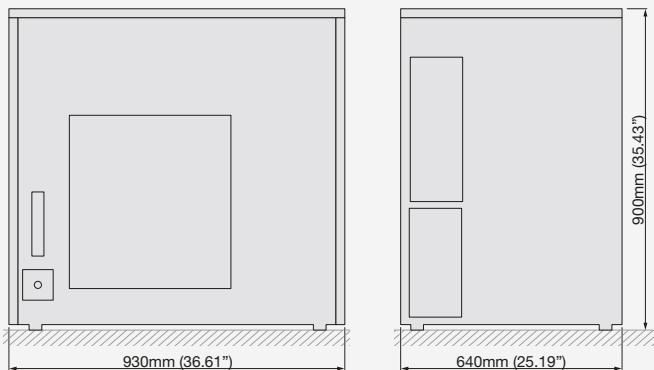


Remote filling panels
(Pag. 64-65)

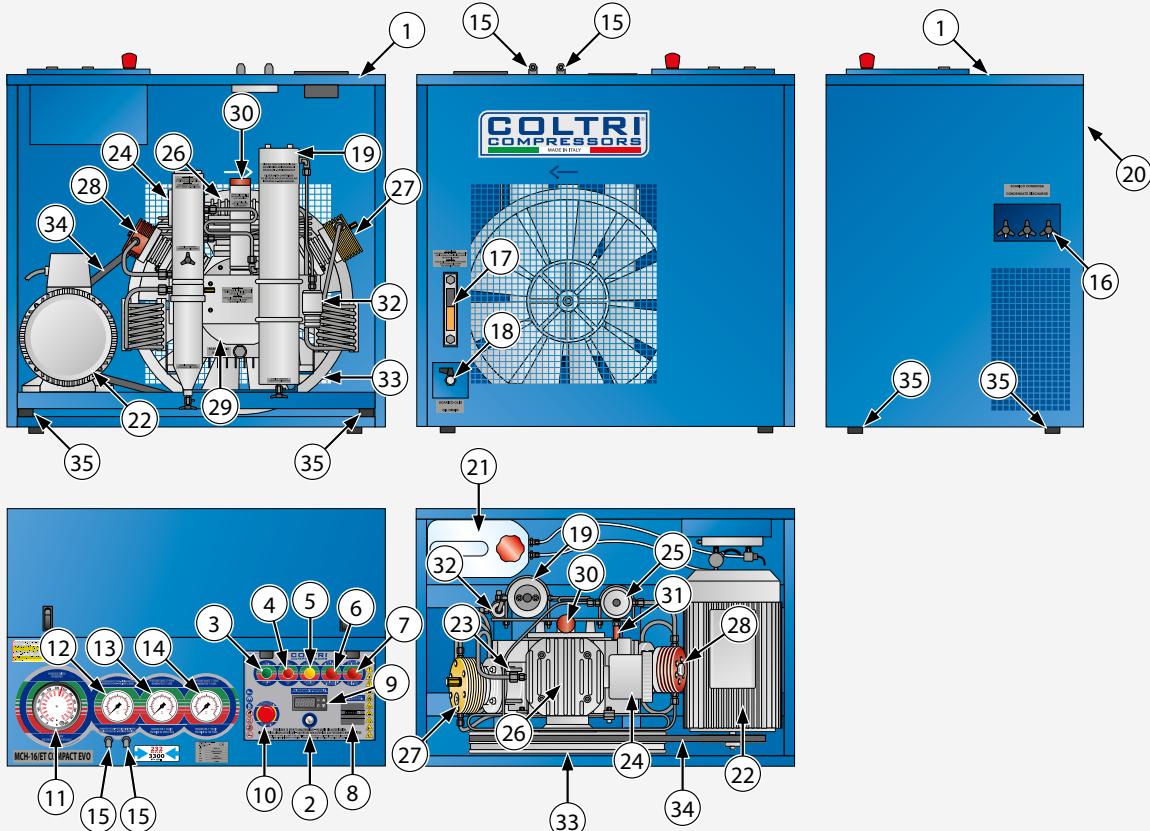


Filling hoses
length: 1.5 - 2 - 3 - 4 - 5 - 8 - 10 m
4.9 - 6.5 - 9.8 - 13.1 - 16.4 - 26.2 - 32.8 ft

DIMENSIONS



MACHINE PARTS



1 Frame	19 Purifier filter
2 Control panel	20 Intake extension hole
3 ON pushbutton	21 Condensate collection can
4 Stop pushbutton	22 Motor
5 Condensate discharge pushbutton	23 Compressor
6 Oil level warning light	24 Air filter
7 Direction of rotation indicator light	25 Final condensate separator
8 Hour counter	26 1st stage
9 Cabinet interior / cooling air temperature	27 2nd stage
10 Emergency pushbutton	28 3rd stage
11 Automatic shutdown pressure switch	29 Monobloc
12 3rd stage pressure gauge	30 Oil filler plug
13 2nd stage pressure gauge	31 Safety valve
14 1st stage pressure gauge	32 Maintenance valve
15 Refill hoses connection	33 Cooling fan
16 Condensate discharge valves	34 Belt
17 Oil level	35 Anti-vibration device
18 Oil discharge valves	

MINI SILENT EVO

LINE: EFFICIENT



MCH 13 ET THREE-PHASE ELECTRIC MOTOR

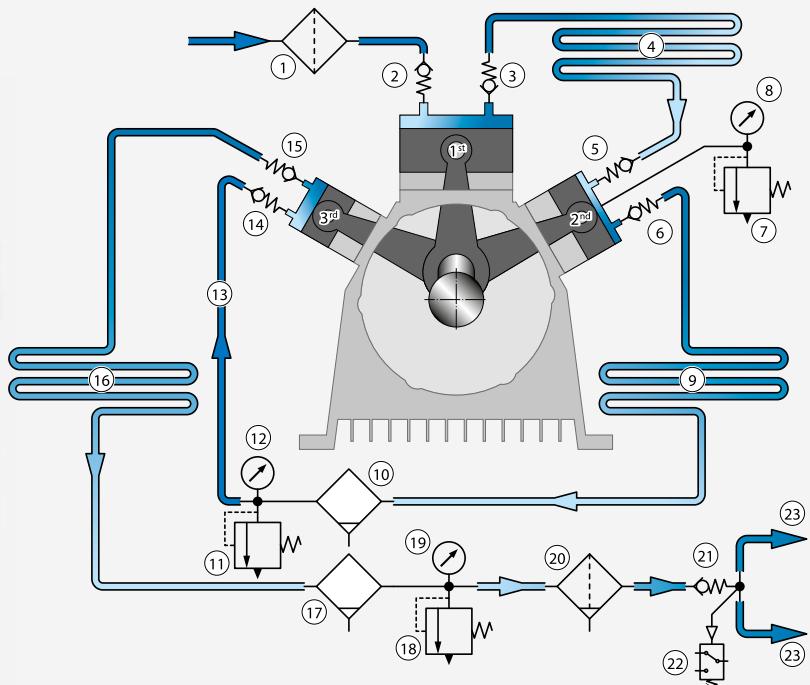
DESCRIPTION

The MINI SILENT EVO series consists of silent and compact Coltri breathing air compressors. Easy to use, the compressors can be equipped with two pumping units, MCH 13 or MCH 16, with a Maxifilter system and two connections for high pressure hoses (from 232 to 330 bar). Both models in the range are equipped with a control panel complete with various automatic features such as automatic condensate drain and controls for the automatic shut-off of the compressor.



MCH 16 ET THREE-PHASE ELECTRIC MOTOR

MCH 13-16 MINI SILENT PUMPING UNIT



- 1 Intake filter
- 2 Intake valve 1st stage
- 3 Outlet valve 1st stage
- 4 Cooling pipe 1st-2nd stage
- 5 Intake valve 2nd stage
- 6 Outlet valve 2nd stage
- 7 Safety valve 1st stage
- 8 1st stage pressure gauge

- 9 Cooling pipe 2nd/condensate separator LP
- 10 Condensate separator LP
- 11 Safety valve 2nd stage
- 12 2nd stage pressure gauge
- 13 Pipe separator/3rd stage
- 14 Intake valve 3rd stage
- 15 Outlet valve 3rd stage

- 16 Aftercooler
- 17 Condensate separator HP
- 18 Safety valve
- 19 Pressure gauge
- 20 Purifier filter
- 21 Pressure maintenance valve
- 22 Pressure switch
- 23 Flex hoses

TECHNICAL DATA

	MCH 13	MCH 16
DRIVEN BY	THREE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR
CHARGING RATE	235 l/min - 14.1 m ³ /h - 8.3 CFM FAD	315 l/min - 18.9 m ³ /h - 11.1 CFM FAD
FILLING TIME*	8 min. 30 sec.	6 min. 20 sec.
WORKING PRESSURE	232 - 300 - 330 bar 3365 - 4351 - 4786 psig	232 - 300 - 330 bar 3365 - 4351 - 4786 psig
NET WEIGHT APPROX.	177 kg - 390 lb	187 kg - 412 lb
NOISE	71.9 dB	74.5 dB

*Filling time cylinder 10 l-0/200 bar (measured by filling cylinder from 0 to 200 bar $\pm 5\%$)

STANDARD



BC DIN 232 bar - 3365 psig
BC DIN 300 bar - 4351 psig
2 valves BC (Pag. 65)



BC INT
2 valves BC
(Pag. 65)



Filling hoses
2 filling hoses 1.2 m - 3.9 ft lenght



Automatic condensate drain



Pressure gauges
interstage control



Pressure switch
auto shut off



Thermostat
Cabin temperature
thermostat/auto shut off



Phase controller
that prohibits reverse rotation

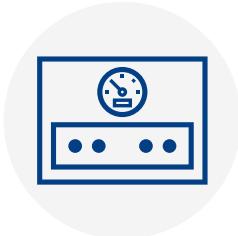


Oil level
switch/auto shut off



Maxifilter
Filtration
(Pag. 66)

OPTIONAL

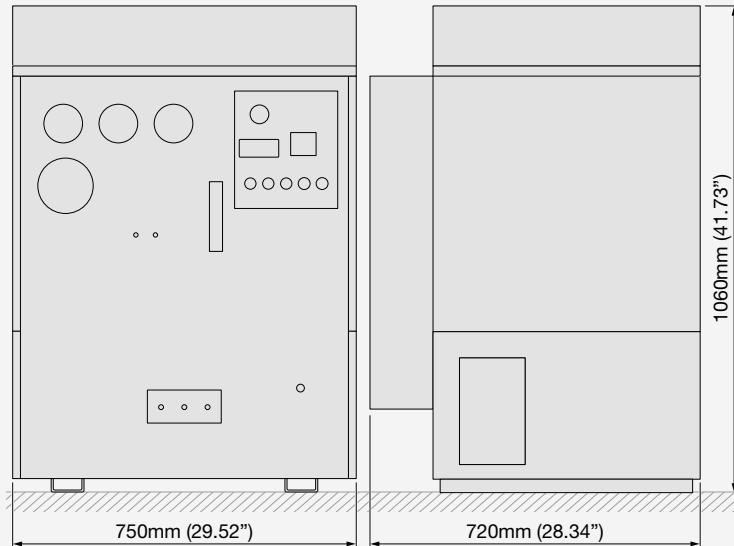


Remote filling panels
(Pag. 64-65)

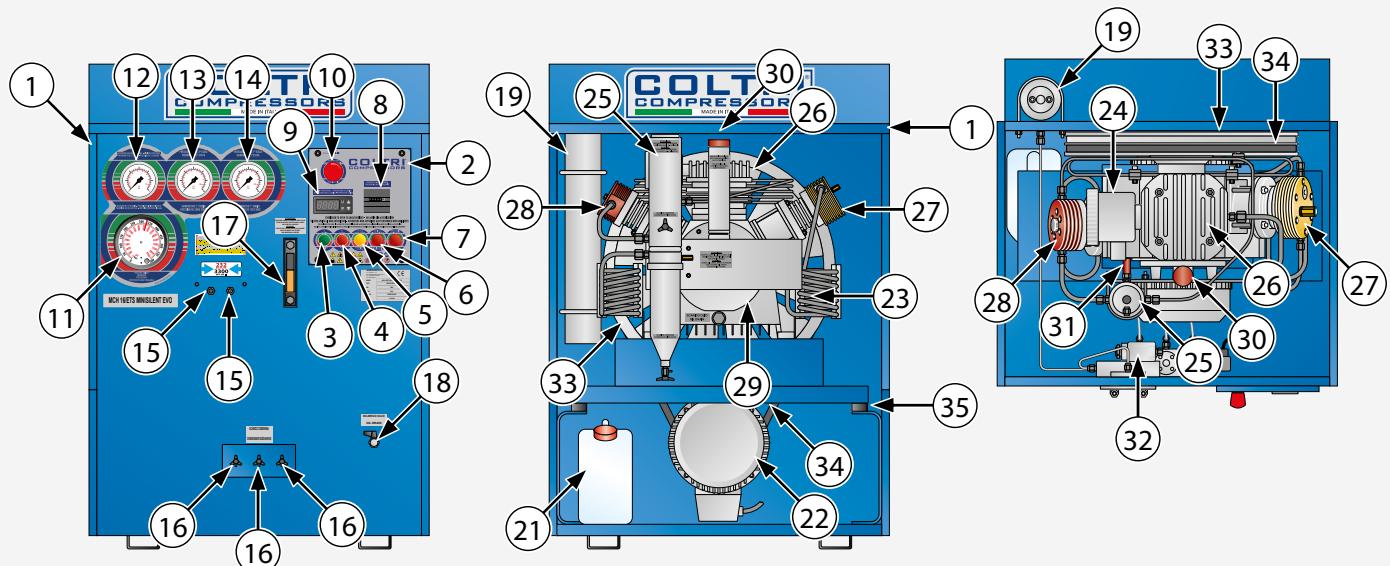


Filling hoses
length: 1.5 - 2 - 3 - 4 - 5 - 8 - 10 m
4.9 - 6.5 - 9.8 - 13.1 - 16.4 - 20.2 - 32.8 ft

DIMENSIONS



MACHINE PARTS



- 1 Frame
- 2 Control pannel
- 3 ON pushbutton
- 4 Stop pushbutton
- 5 Condensate discharge pushbutton
- 6 Oil level warning light
- 7 Direction of rotation indicator light
- 8 Hour counter
- 9 Cabinet interior / cooling air temperature
- 10 Emergency pushbutton

- 11 Automatic shutdown pressure switch
- 12 3rd stage pressure gauge
- 13 2nd stage pressure gauge
- 14 1st stage pressure gauge
- 15 Refill hoses connection
- 16 Condensate discharge valves
- 17 Oil level
- 18 Oil discharge valves
- 19 Purifier filter
- 20 Intake extension hole
- 21 Condensate collection can
- 22 Motor

- 23 Compressor
- 24 Air filter
- 25 Final condensate separator
- 26 1st stage
- 27 2nd stage
- 28 3rd stage
- 29 Monobloc
- 30 Oil filler plug
- 31 Safety valve
- 32 Maintenance valve
- 33 Cooling fan
- 34 Belt
- 35 Anti-vibration device

SUPER SILENT EVO

LINE: EFFICIENT



MCH 16 ET THREE-PHASE ELECTRIC MOTOR

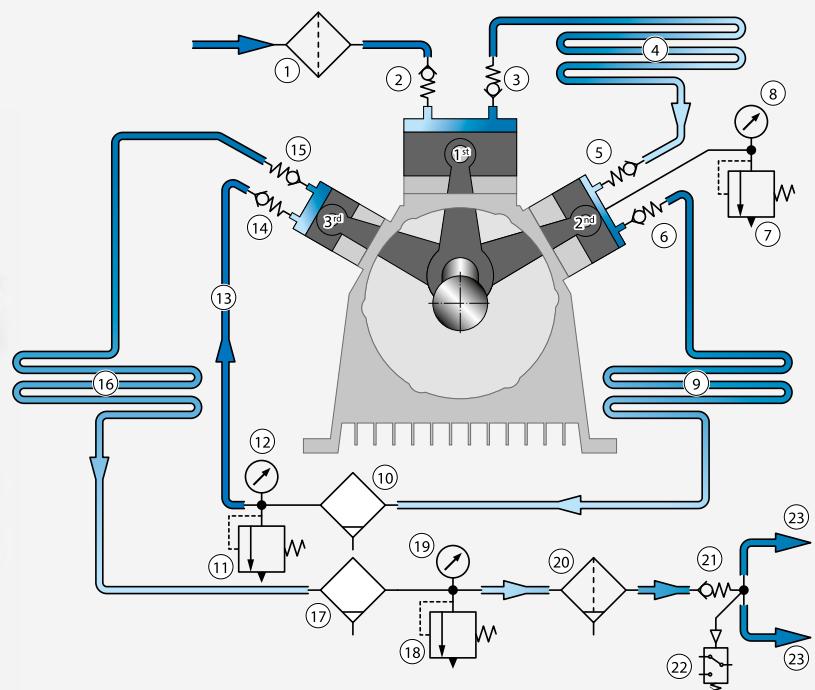
DESCRIPTION

The SUPER SILENT EVO model stands out for how little noise it makes. It was designed by Coltri to meet specific needs such as ease of use, soundproofing and control systems that allow the actions of the compressor to be effectively monitored. Standard equipment includes: two connections for high pressure hoses (from 232 to 330 bar), an interstage pressure gauge, oil level and internal cabin temperature control, rotation detector, three-phase electric motor, automatic condensate drain and autostop. It is available with the new pumping units MCH 13, MCH 16 or MCH 18, depending on the specific model.



MCH 16 ET THREE-PHASE ELECTRIC MOTOR

MCH 13-16-18 SUPER SILENT EVO PUMPING UNIT



- 1 Intake filter
- 2 Intake valve 1st stage
- 3 Outlet valve 1st stage
- 4 Cooling pipe 1st-2nd stage
- 5 Intake valve 2nd stage
- 6 Outlet valve 2nd stage
- 7 Safety valve 1st stage
- 8 1st stage pressure gauge

- 9 Cooling pipe 2nd/condensate separator LP
- 10 Condensate separator LP
- 11 Safety valve 2nd stage
- 12 2nd stage pressure gauge
- 13 Pipe separator/3rd stage
- 14 Intake valve 3rd stage
- 15 Outlet valve 3rd stage

- 16 Aftercooler
- 17 Condensate separator HP
- 18 Safety valve
- 19 Pressure gauge
- 20 Purifier filter
- 21 Pressure maintenance valve
- 22 Pressure switch
- 23 Flex hoses

TECHNICAL DATA

DRIVEN BY	MCH 13	MCH 16	MCH 18
CHARGING RATE	235 l/min - 14.1 m ³ /h 8.3 CFM FAD	315 l/min - 18.9 m ³ /h 11.1 CFM FAD	330 l/min - 19.8 m ³ /h 11.65 CFM FAD
FILLING TIME*	8 min. 30 sec.	6 min. 20 sec.	6 min.
WORKING PRESSURE	232 - 300 - 330 bar 3365 - 4351 - 4786 psig	232 - 300 - 330 bar 3365 - 4351 - 4786 psig	232 - 300 - 330 bar 3365 - 4351 - 4786 psig
NET WEIGHT APPROX.	225 kg - 496 lb	235 kg - 518 lb	235 kg - 518 lb
NOISE	66.2 dB	68.8 dB	69.8 dB

*Filling time cylinder 10 l-0/200 bar (measured by filling cylinder from 0 to 200 bar $\pm 5\%$)

STANDARD



BC DIN 232 bar - 3365 psig
BC DIN 300 bar - 4351 psig
2 valves BC (Pag. 65)



BC INT
2 valves BC
(Pag. 65)



Filling hoses
2 filling hoses 1.2 m - 3.9 ft lenght



Automatic condensate drain



Pressure gauges
interstage control



Pressure switch
auto shut off



Thermostat
Cabin temperature
thermostat/auto shut off



Phase controller
that prohibits reverse rotation



Oil level
switch/auto shut off



Maxifilter
Filtration
(Pag. 66)

OPTIONAL



Dryer
LP RF 500
HP RF 1000
(Pag. 54)

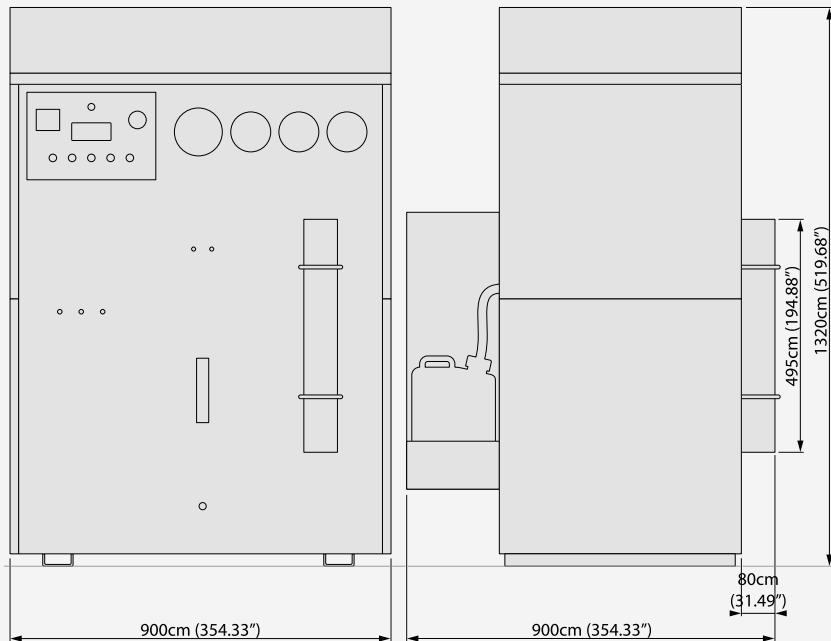


Remote filling panels
(Pag. 64-65)

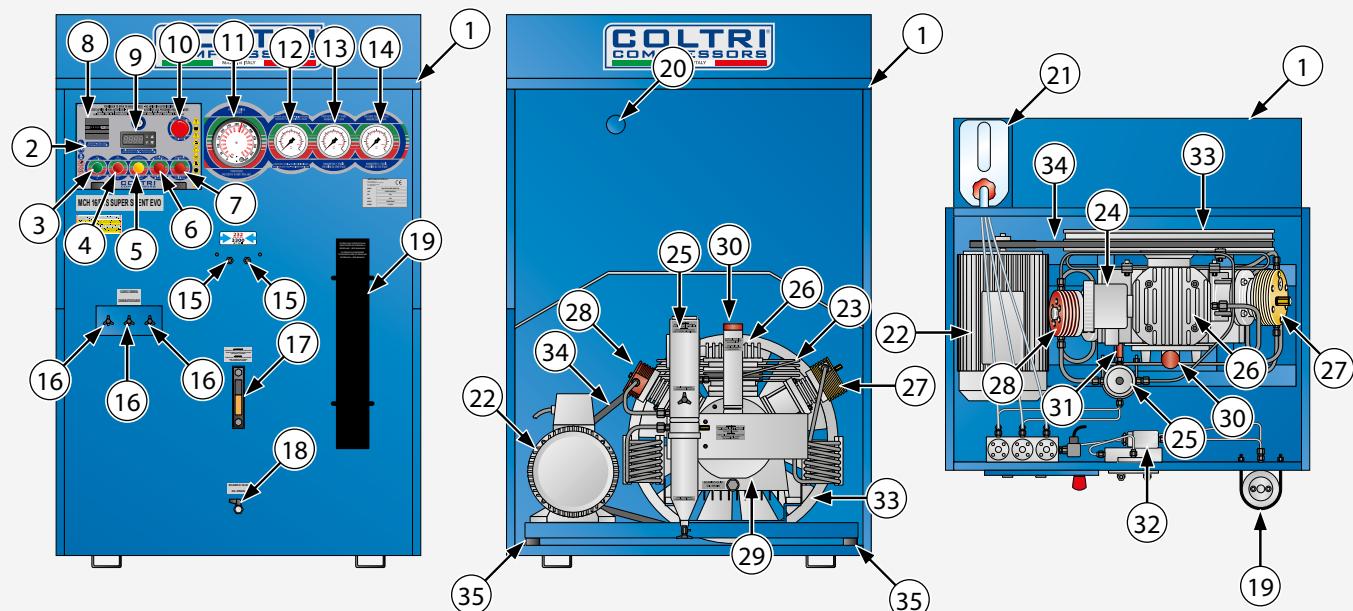


Filling hoses
lenght: 1.5 - 2 - 3 - 4 - 5 - 8 - 10 m
4.9 - 6.5 - 9.8 - 13.1 - 16.4 - 26.2 - 32.8 ft

DIMENSIONS



MACHINE PARTS



- 1 Frame
- 2 Control pannel
- 3 ON pushbutton
- 4 Stop pushbutton
- 5 Condensate discharge pushbutton
- 6 Oil level warning light
- 7 Direction of rotation indicator light
- 8 Hour counter
- 9 Cabinet interior / cooling air temperature
- 10 Emergency pushbutton
- 11 Automatic shutdown pressure switch

- 12 3rd stage pressure gauge
- 13 2nd stage pressure gauge
- 14 1st stage pressure gauge
- 15 Refill hoses connection
- 16 Condensate discharge valves
- 17 Oil level
- 18 Oil discharge valves
- 19 Purifier filter
- 20 Intake extension hole
- 21 Condensate collection can
- 22 Motor
- 23 Compressor
- 24 Air filter

- 25 Final condensate separator
- 26 1st stage
- 27 2nd stage
- 28 3rd stage
- 29 Monobloc
- 30 Oil filler plug
- 31 Safety valve
- 32 Maintenance valve
- 33 Cooling fan
- 34 Belt
- 35 Anti-vibration device

TECH LINE: EFFICIENT



MCH 16 DY DIESEL YANMAR

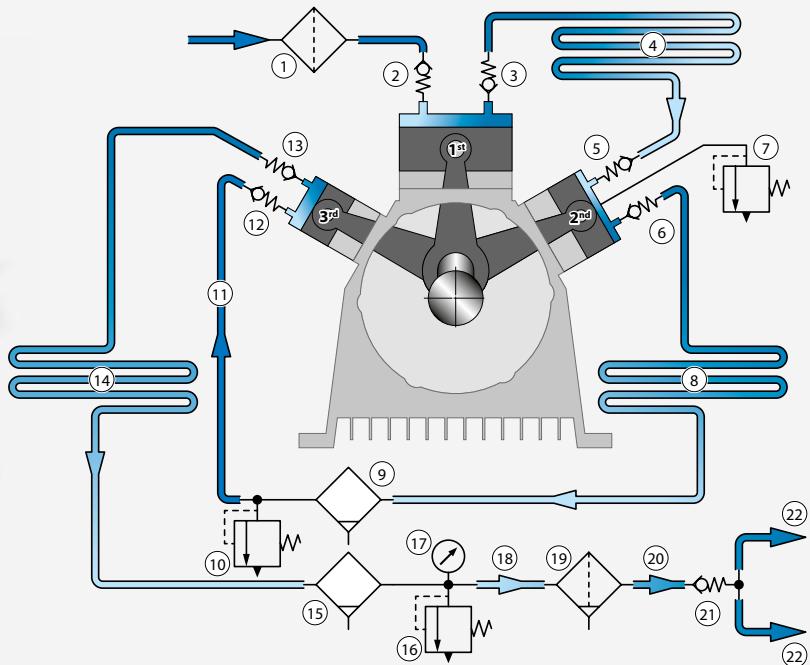
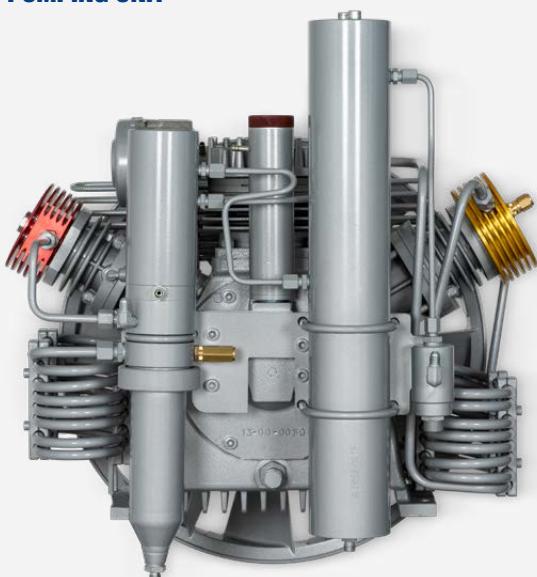
DESCRIPTION

The TECH Coltri breathable air compressor is ideal for intensive professional use and at the same time excellent to move around. It is equipped with 2 connections for high pressure hoses (from 232 to 330 bar), a Yanmar diesel engine and the robust MCH 16 STANDARD pumping unit. This compressor is particularly suitable for diving centres, paintball fields and undersea construction companies which need to change site frequently, yet also need excellent performance and fast filling times. The robust frame provides excellent protection for the equipment.



MCH 16 DY DIESEL YANMAR

MCH 16 STANDARD PUMPING UNIT



1	Intake filter	12	Intake valve 3rd stage
2	Intake valve 1st stage	13	Outlet valve 3rd stage
3	Outlet valve 1st stage	14	Aftercooler
4	Cooling pipe 1st-2nd stage	15	Condensate separator HP
5	Intake valve 2nd stage	16	Safety valve
6	Outlet valve 2nd stage	17	Pressure gauge
7	Safety valve 1st stage	18	Pipe separator/filter
8	Cooling pipe 2nd/condensate separator LP	19	Purifier filter
9	Condensate separator LP	20	Pipe filter/pressure maintenance valve
10	Safety valve 2nd stage	21	Pressure maintenance valve
11	Pipe separator/3rd stage	22	Flex hoses

TECHNICAL DATA

MCH 16 DY

DRIVEN BY	DIESEL YANMAR L 100
CHARGING RATE	315 l/min - 18.9 m ³ /h - 11.1 CFM FAD
FILLING TIME*	6 min. 20 sec
WORKING PRESSURE	232 - 300 - 330 bar 3365 - 4351 - 4786 psig
NET WEIGHT APPROX.	158 kg - 348 lb
NOISE	95.6 dB

*Filling time cylinder 10 l-0/200 bar (measured by filling cylinder from 0 to 200 bar $\pm 5\%$)

STANDARD



BC DIN 232 bar - 3365 psig
BC DIN 300 bar - 4351 psig
2 valves BC (Pag. 65)



BC INT
2 valves BC
(Pag. 65)

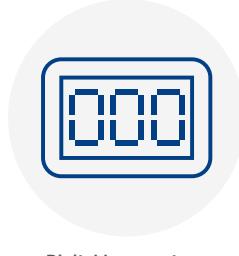


Filling hoses
2 filling hoses 1.2 m - 3.9 ft lenght



Maxifilter
Filtration
(Pag. 66)

OPTIONAL



Digital hour meter

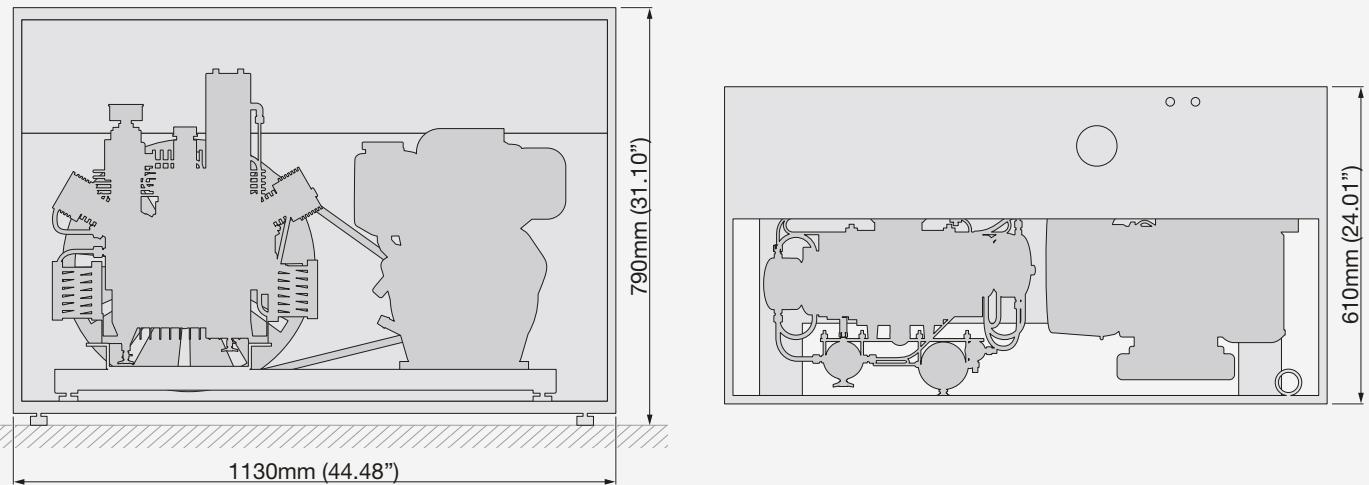


Remote filling panels
(Pag. 64-65)

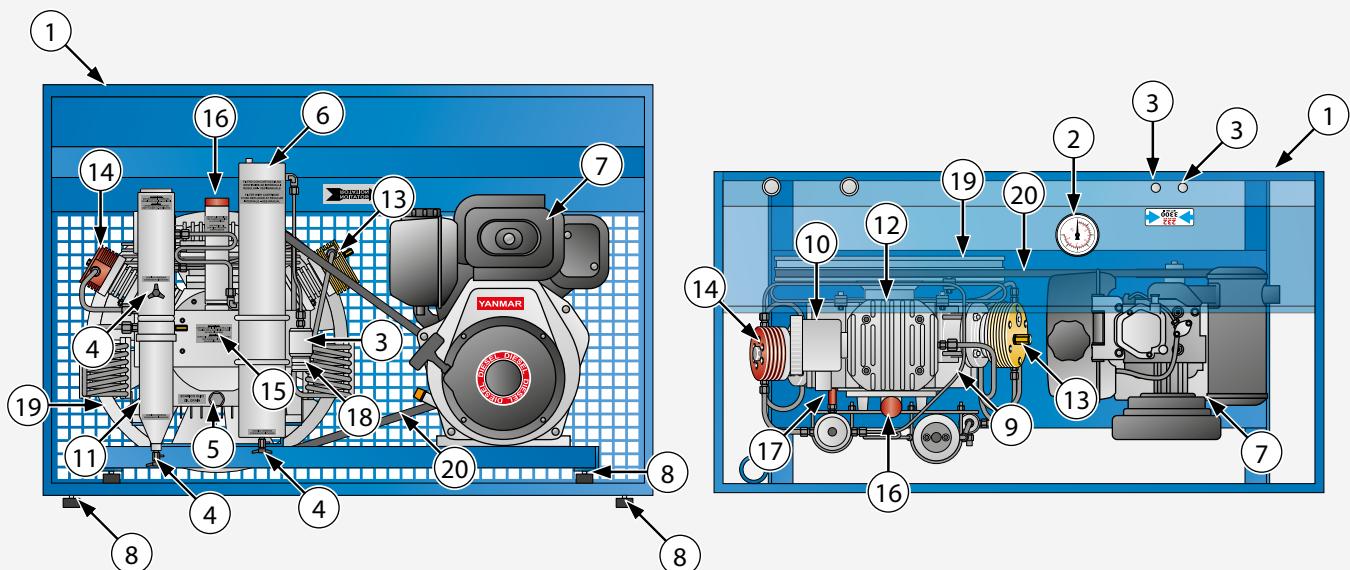


Filling hoses
lenght: 1.5 - 2 - 3 - 4 - 5 - 8 - 10 m
4.9 - 6.5 - 9.8 - 13.1 - 16.4 - 26.2 - 32.8 ft

DIMENSIONS



MACHINE PARTS



- 1 Frame
- 2 Pressure gauge
- 3 Refill hoses connection
- 4 Condensate discharge valves
- 5 Oil discharge valves
- 6 Purifier filter
- 7 Engine
- 8 Anti-vibration device
- 9 Compressor
- 10 Air filter

- 11 Condensate separator
- 12 1st stage
- 13 2nd stage
- 14 3rd stage
- 15 Monobloc
- 16 Oil filler plug
- 17 Safety valve
- 18 Maintenance valve
- 19 Cooling fan
- 20 Belt

ERGO PETROL

LINE: EFFICIENT



MCH 16 SH HONDA

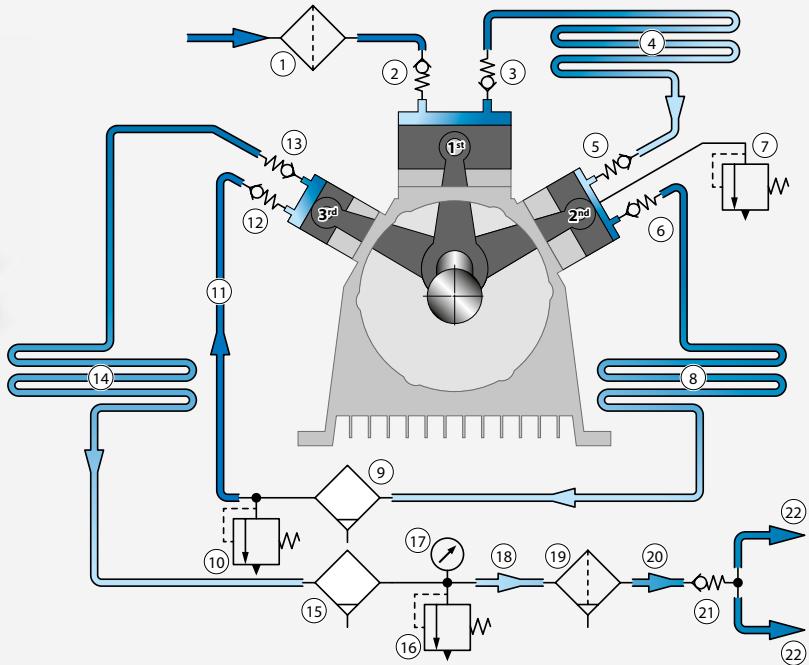
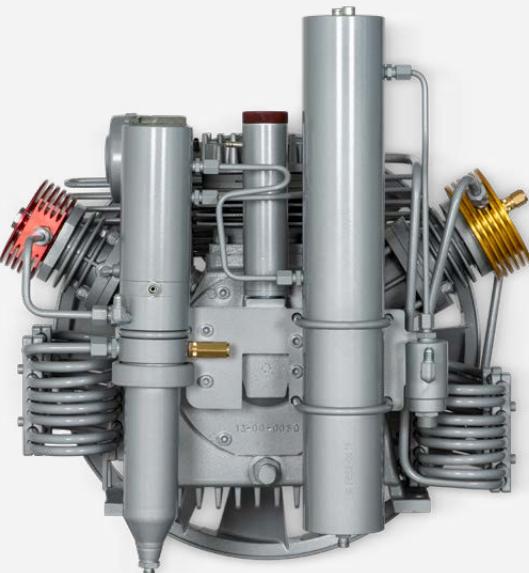
DESCRIPTION

The latest model to join the Efficient line, the Coltri ERGO PETROL Breathing Air Compressor is an excellent choice for those who need an easy to use, versatile and portable compressor. It is equipped with 2 front filling connections for high pressure hoses (from 232 to 330 bar), a Honda petrol engine and the robust MCH 16 STANDARD pumping unit. The ergonomic frame cools the equipment perfectly by means of its composite casing. The remote filling panel is available as an optional extra.



MCH 16 SH HONDA

MCH 16 STANDARD PUMPING UNIT



- 1 Intake filter
- 2 Intake valve 1st stage
- 3 Outlet valve 1st stage
- 4 Cooling pipe 1st-2nd stage
- 5 Intake valve 2nd stage
- 6 Outlet valve 2nd stage
- 7 Safety valve 1st stage
- 8 Cooling pipe 2nd/condensate separator LP
- 9 Condensate separator LP
- 10 Safety valve 2nd stage
- 11 Pipe separator/3rd stage

- 12 Intake valve 3rd stage
- 13 Outlet valve 3rd stage
- 14 Aftercooler
- 15 Condensate separator HP
- 16 Safety valve
- 17 Pressure gauge
- 18 Pipe separator/filter
- 19 Purifier filter
- 20 Pipe filter/ pressure maintenance valve
- 21 Pressure maintenance valve
- 22 Flex hoses

TECHNICAL DATA

MCH 16 SH

DRIVEN BY	HONDA PETROL ENGINE
CHARGING RATE	315 l/min - 18.9 m ³ /h - 11.1 CFM FAD
FILLING TIME*	6 min. 20 sec.
WORKING PRESSURE	232 - 300 - 330 bar 3365 - 4351 - 4786 psig
NET WEIGHT APPROX.	121 kg - 267 lb
NOISE	95.6 dB

*Filling time cylinder 10 l-0/200 bar (measured by filling cylinder from 0 to 200 bar $\pm 5\%$)

STANDARD



BC DIN 232 bar - 3365 psig
BC DIN 300 bar - 4351 psig
2 valves BC (Pag. 65)



BC INT
2 valves BC
(Pag. 65)



Filling hoses
2 filling hoses 1.2 m - 3.9 ft lenght



Maxifilter
Filtration
(Pag. 66)

OPTIONAL

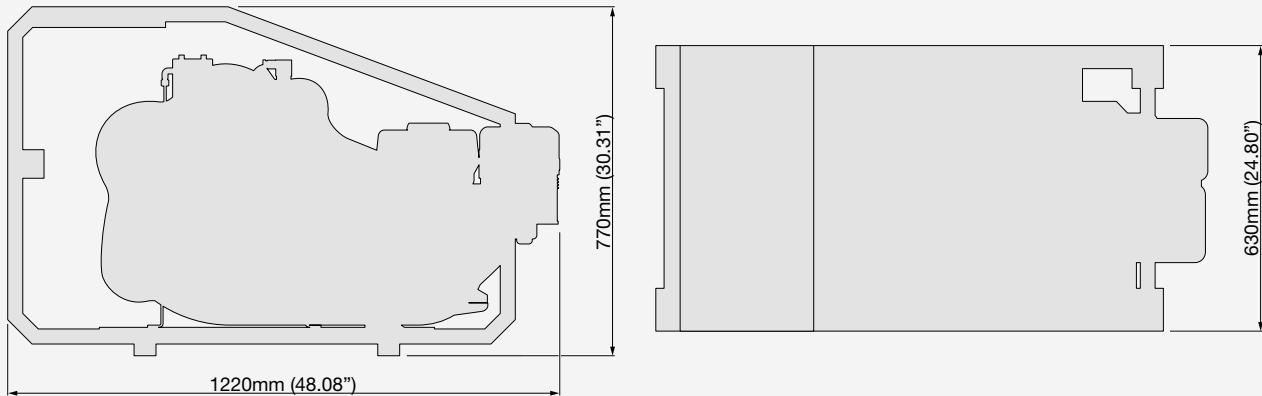


Remote filling panels
(Pag. 64-65)

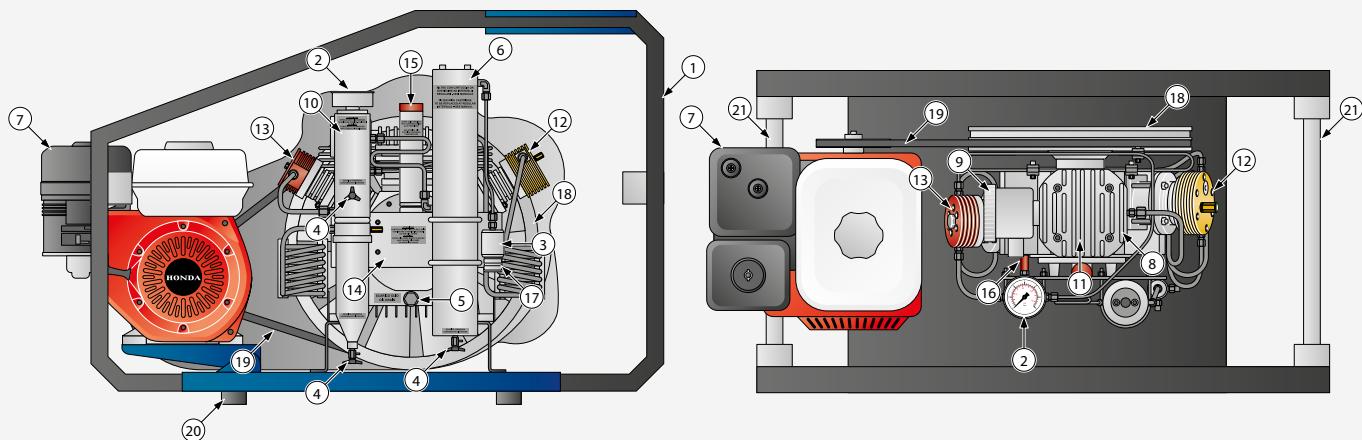


Filling hoses
lenght: 1.5 - 2 - 3 - 4 - 5 - 8 - 10 m
4.9 - 6.5 - 9.8 - 13.1 - 16.4 - 26.2 - 32.8 ft

DIMENSIONS



MACHINE PARTS



- 1 Frame
- 2 Pressure gauge
- 3 Refill hoses connection
- 4 Condensate discharge valves
- 5 Oil discharge valves
- 6 Purifier filter
- 7 Internal combustion engine

- 8 Compressor
- 9 Air filter
- 10 Condensate separator
- 11 1st stage
- 12 2nd stage
- 13 3rd stage
- 14 Monobloc

- 15 Oil filler plug
- 16 Safety valve
- 17 Maintenance valve
- 18 Cooling fan
- 19 Belt
- 20 Anti-vibration device
- 21 Handles

ERGO LINE: EFFICIENT



MCH 16 ET THREE-PHASE ELECTRIC MOTOR

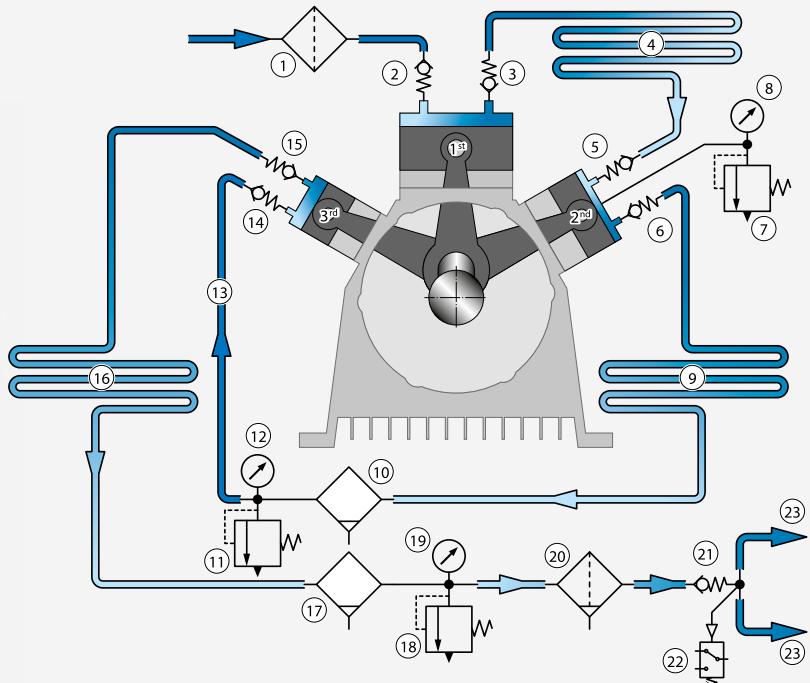
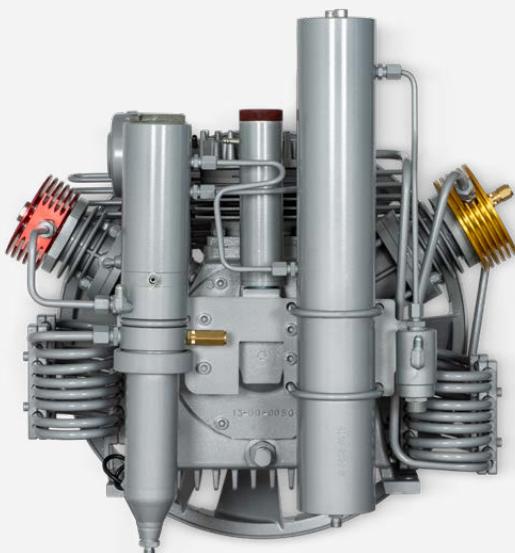
DESCRIPTION

The ERGO model stands out for its robustness, portability and great efficiency. Equipped with three different pumping units (MCH 13, MCH 16, or MCH 18 depending on the specific model) and powered by three-phase electric motors. Each ERGO compressor has a monitoring system panel that includes an interstage pressure gauge, autostop with adjustable pressure switch, automatic condensate drain and a phase control for rotation direction. The models in this series have two connections for high pressure hoses (from 232 to 330 bar) and a Maxifilter system. The remote filling panel is available as an optional extra.



MCH 13 ET THREE-PHASE ELECTRIC MOTOR

MCH 13-16-18 ERGO PUMPING UNIT



- 1** Intake filter
- 2** Intake valve 1st stage
- 3** Outlet valve 1st stage
- 4** Cooling pipe 1st-2nd stage
- 5** Intake valve 2nd stage
- 6** Outlet valve 2nd stage
- 7** Safety valve 1st stage
- 8** 1st stage pressure gauge

- 9** Cooling pipe 2nd/condensate separator LP
- 10** Condensate separator LP
- 11** Safety valve 2nd stage
- 12** 2nd stage pressure gauge
- 13** Pipe separator/3rd stage
- 14** Intake valve 3rd stage
- 15** Outlet valve 3rd stage

- 16** Aftercooler
- 17** Condensate separator HP
- 18** Safety valve
- 19** Pressure gauge
- 20** Purifier filter
- 21** Pressure maintenance valve
- 22** Pressure switch
- 23** Flex hoses

TECHNICAL DATA

	MCH 13	MCH 16	MCH 16	MCH 18
DRIVEN BY	THREE-PHASE ELECTRIC MOTOR	SINGLE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR
CHARGING RATE	235 l/min - 14.1 m ³ /h 8.3 CFM FAD	315 l/min - 18.9 m ³ /h 11.1 CFM FAD	315 l/min - 18.9 m ³ /h 11.1 CFM FAD	330 l/min - 19.8 m ³ /h 11.65 CFM FAD
FILLING TIME*	8 min. 30 sec.	6 min. 20 sec.	6 min. 20 sec.	6 min.
WORKING PRESSURE	232 - 300 - 330 bar 3365 - 4351 - 4786 psig	232 - 300 - 330 bar 3365 - 4351 - 4786 psig	232 - 300 - 330 bar 3365 - 4351 - 4786 psig	232 - 300 - 330 bar 3365 - 4351 - 4786 psig
NET WEIGHT APPROX.	159 kg - 350 lb	147 kg - 324 lb	152 kg - 335 lb	169 kg - 372 lb
NOISE	80.7 dB	82.3 dB	82.3 dB	82.3 dB

*Filling time cylinder 10 l-0/200 bar (measured by filling cylinder from 0 to 200 bar $\pm 5\%$)

Available on request: MCH 13 SINGLE-PHASE ELECTRIC MOTOR / MCH 18 SINGLE-PHASE ELECTRIC MOTOR.

STANDARD



BC DIN 232 bar - 3365 psig
BC DIN 300 bar - 4351 psig
2 valves BC (Pag. 65)



BC INT
2 valves BC
(Pag. 65)



Filling hoses
2 filling hoses 1.2 m - 3.9 ft length



Automatic condensate drain



Pressure gauges
interstage control



Pressure switch
auto shut off



Thermostat
Cabin temperature
thermostat/auto shut off



Phase controller
that prohibits reverse rotation

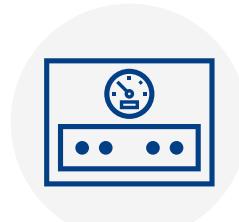


Oil level
switch/auto shut off



Maxifilter
Filtration
(Pag. 66)

OPTIONAL

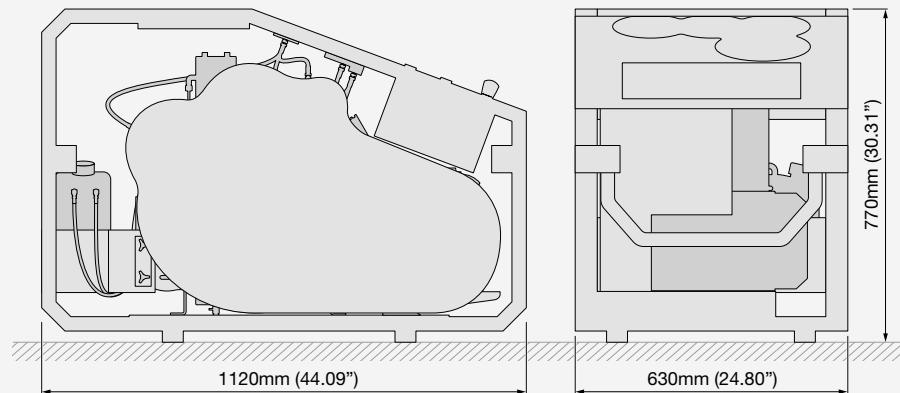


Remote filling panels
(Pag. 64-65)

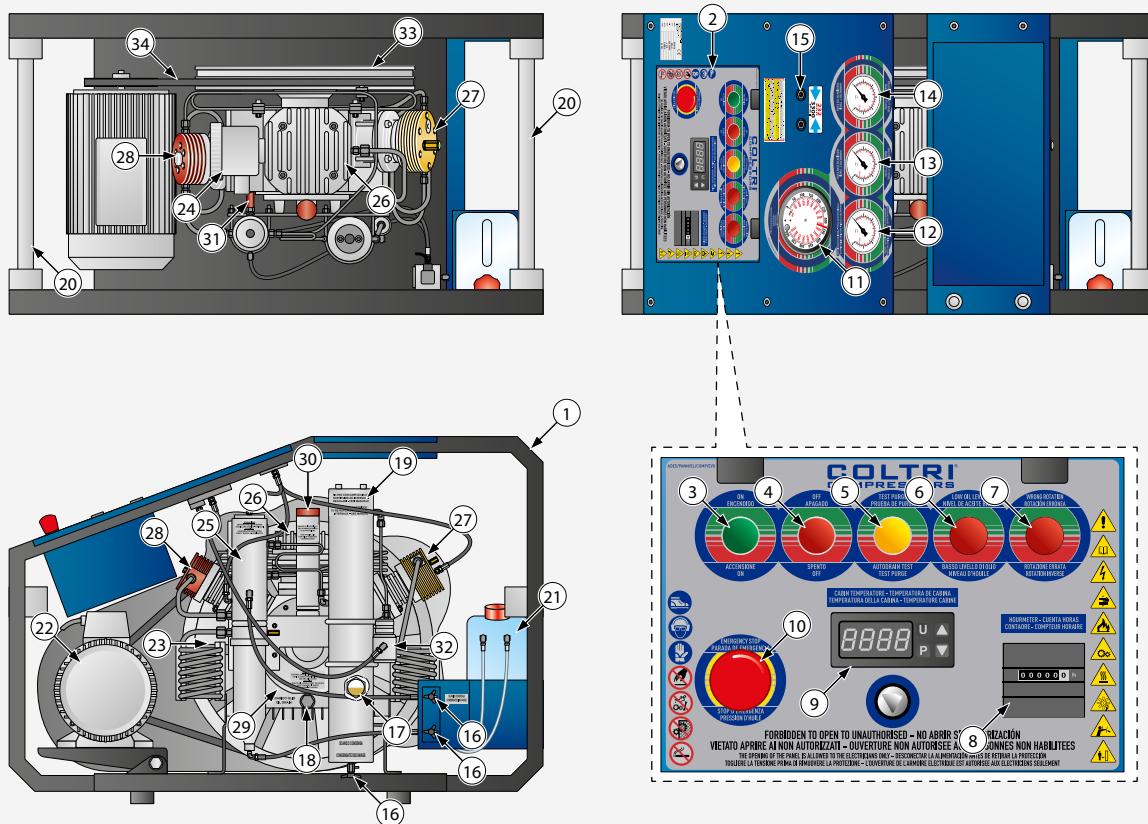


Filling hoses
length: 1.5 - 2 - 3 - 4 - 5 - 8 - 10 m
4.9 - 6.5 - 9.8 - 13.1 - 16.4 - 26.2 - 32.8 ft

DIMENSIONS



MACHINE PARTS



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

ERGO TPS

LINE: PRIME



MCH 16 ET THREE-PHASE ELECTRIC MOTOR

DESCRIPTION

Compactness, performance, robustness and portability are the main features of the ERGO TPS breathing air compressors. Equipped with four different pumping units (MCH 13, MCH 16, MCH 21 and MCH 23), all with TPS (Tropical Plus Superdry) and powered by three-phase electric motors. Each ERGO compressor has a monitoring system panel that includes a pressure gauge, autostop with adjustable pressure switch, automatic condensate drain and a phase control for rotation direction. The models of this series have two connections for high pressure hoses (from 232 to 330 bar) and an improved filtering system with two Hyperfilters.

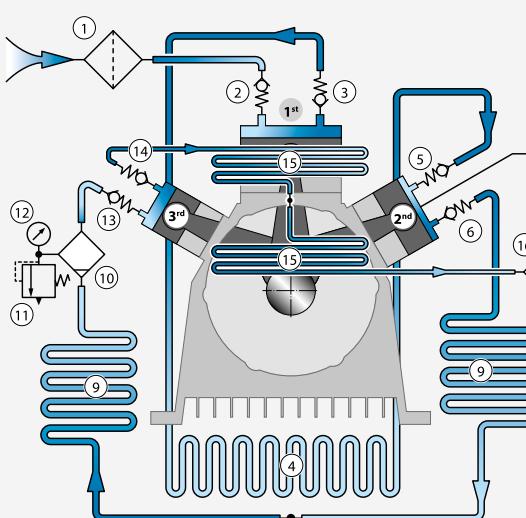
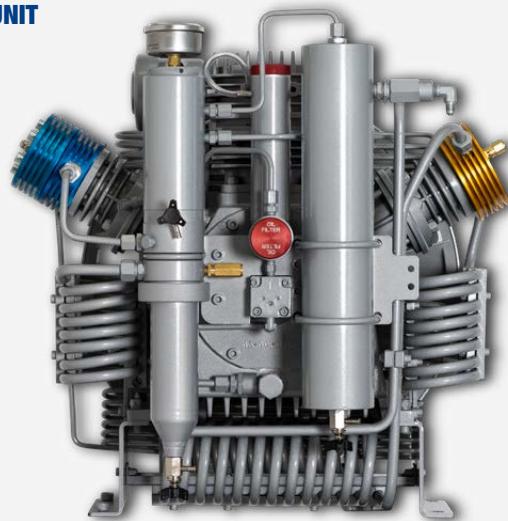


MCH 16 ET THREE-PHASE ELECTRIC MOTOR

MCH 13-16 TPS PUMPING UNIT



MCH 21-23 TPS PUMPING UNIT



1	Intake filter	10	Condensate separator LP
2	Intake valve 1st stage	11	Safety valve 2nd stage
3	Outlet valve 1st stage	12	2nd stage pressure gauge
4	Cooling pipe 1st-2nd stage	13	Intake valve 3rd stage
5	Intake valve 2nd stage	14	Outlet valve 3rd stage
6	Outlet valve 2nd stage	15	Aftercooler
7	Safety valve 1st stage	16	Condensate separator HP
8	1st stage pressure gauge	17	Safety valve
9	Cooling pipe 2nd/condensate separator LP	18	Pressure gauge
		19	Condensate separator HP High efficiency
		20	Purifier filter
		21	Pressure maintenance valve
		22	Pressure switch
		23	Flex hoses

TECHNICAL DATA

	MCH 13	MCH 16	MCH 21	MCH 23
DRIVEN BY	THREE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR
CHARGING RATE	235 l/min - 14.1 m ³ /h 8.3 CFM FAD	315 l/min - 18.9 m ³ /h 11.1 CFM FAD	345 l/min - 20.7 m ³ /h 12.2 CFM FAD	380 l/min - 22.8 m ³ /h 13.4 CFM FAD
FILLING TIME*	8 min. 30 sec.	6 min. 20 sec.	5 min. 40 sec.	5 min. 10 sec.
WORKING PRESSURE	232 - 300 - 330 bar 3365 - 4351 - 4786 psig	232 - 300 - 330 bar 3365 - 4351 - 4786 psig	232 - 300 - 330 bar 3365 - 4351 - 4786 psig	232 - 300 - 330 bar 3365 - 4351 - 4786 psig
NET WEIGHT APPROX.	174 kg - 384 lb	184 kg - 406 lb	184 kg - 406 lb	184 kg - 406 lb
NOISE	80.7 dB	82.3 dB	83 dB	83 dB

*Filling time cylinder 10 l/0/200 bar (measured by filling cylinder from 0 to 200 bar $\pm 5\%$)

STANDARD



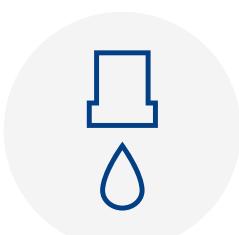
BC DIN 232 bar - 3365 psig
BC DIN 300 bar - 4351 psig
2 valves BC (Pag. 65)



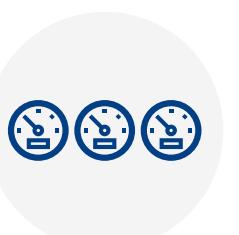
BC INT
2 valves BC (Pag. 65)



Filling hoses
2 filling hoses 1.2 m - 3.9 ft length



Automatic condensate drain



Pressure gauges
interstage control



Pressure switch
auto shut off



Thermostat
Cabin temperature
thermostat/auto shut off



Phase controller
that prohibits reverse rotation



Oil level
switch/auto shut off

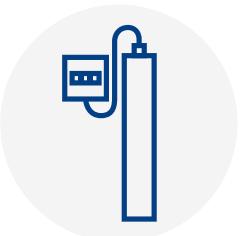


Double hyperfilter filtration
PED certificated
(Pag. 67)



Oil pump

OPTIONAL



Presec
visual filtration saturation indicator
(Pag. 55)

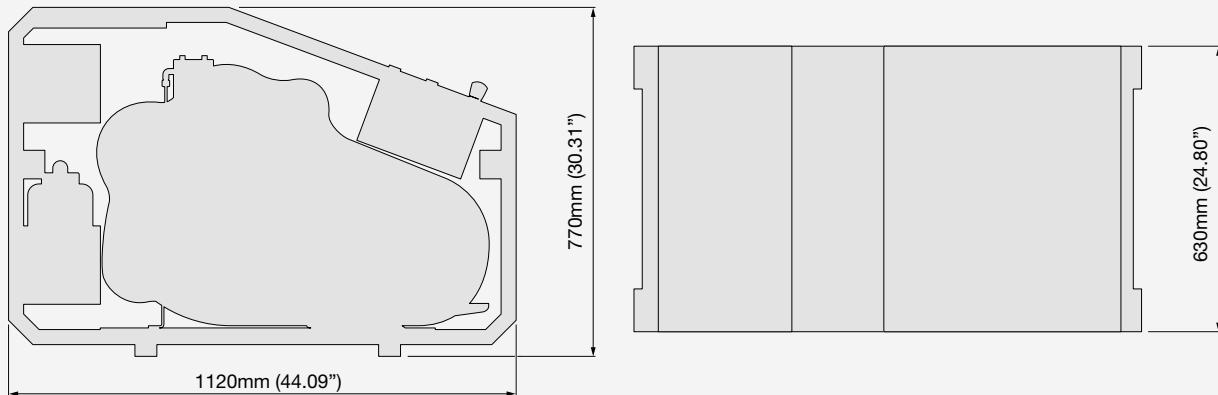


Remote filling panels
(Pag. 64-65)

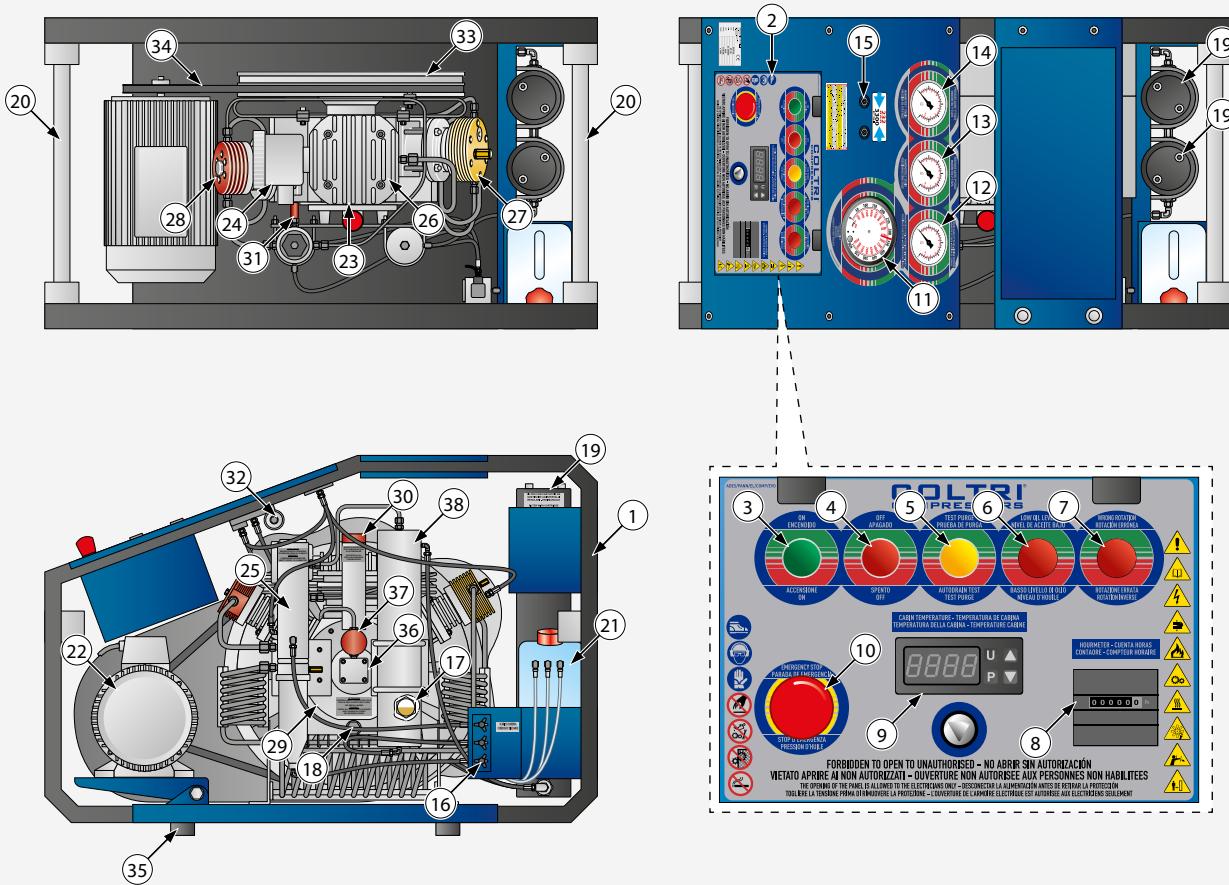


Filling hoses
length: 1.5 - 2 - 3 - 4 - 5 - 8 - 10 m
4.9 - 6.5 - 9.8 - 13.1 - 16.4 - 26.2 - 32.8 ft

DIMENSIONS



MACHINE PARTS



1 Frame	14 1st stage pressure gauge	27 2nd stage
2 Control panel	15 Refill hoses connection	28 3rd stage
3 ON pushbutton	16 Condensate discharge valves	29 Monobloc
4 Stop pushbutton	17 Oil level	30 Oil filler plug
5 Condensate discharge pushbutton	18 Oil discharge valves	31 Safety valve
6 Oil level warning light	19 Purifier filter	32 Maintenance valve
7 Direction of rotation indicator light	20 Handles	33 Cooling fan
8 Hour counter	21 Condensate collection can	34 Belt
9 Cabinet interior / cooling air temperature	22 Motor	35 Anti-vibration device
10 Emergency pushbutton	23 Compressor	36 Oil pump
11 Automatic shutdown pressure switch	24 Air filter	37 Oil filter
12 3rd stage pressure gauge	25 Condensate separator	38 HP condensate separator
13 2nd stage pressure gauge	26 1st stage	

MARK 3

LINE: PRIME



MCH 16 ET THREE-PHASE ELECTRIC MOTOR

DESCRIPTION

The MARK 3 series is a series of breathing air compressors without a single compromise, for intensive use in warm, poorly ventilated or tropical environments. Designed with a larger cooling system as well as a filter system with two Hyperfilters, this series is powered by a three-phase electric motor, equipped with four different pumping units (MCH 13, MCH 16, MCH 21 and MCH 23), all with TPS (Tropical Plus Superdry) and available with an operation monitoring system and electrical display to automatically shutdown the compressor.

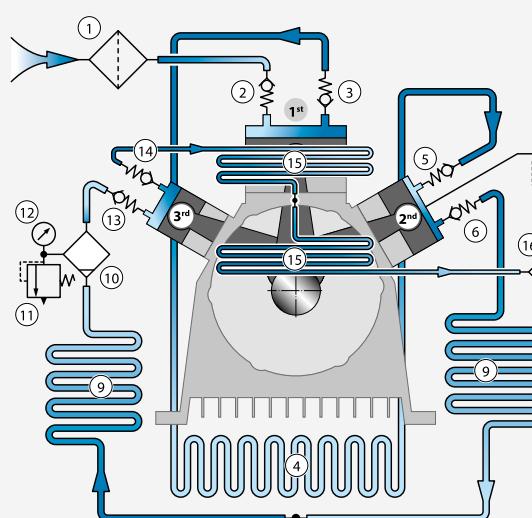
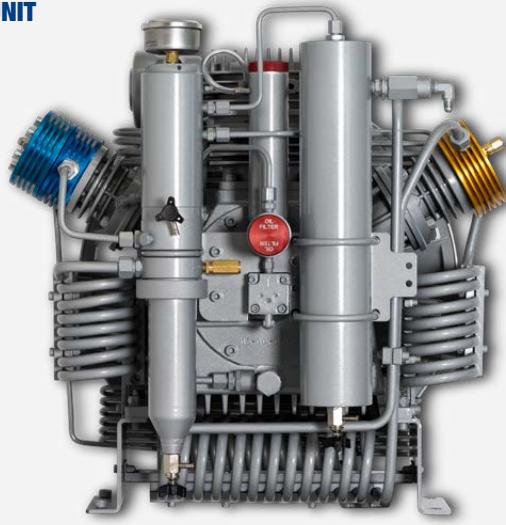


MCH 16 ET THREE-PHASE ELECTRIC MOTOR

MCH 13-16 TPS PUMPING UNIT



MCH 21-23 TPS PUMPING UNIT



- 1 Intake filter
- 2 Intake valve 1st stage
- 3 Outlet valve 1st stage
- 4 Cooling pipe 1st-2nd stage
- 5 Intake valve 2nd stage
- 6 Outlet valve 2nd stage
- 7 Safety valve 1st stage
- 8 1st stage pressure gauge
- 9 Cooling pipe 2nd/condensate separator LP
- 10 Condensate separator LP
- 11 Safety valve 2nd stage
- 12 2nd stage pressure gauge
- 13 Intake valve 3rd stage
- 14 Outlet valve 3rd stage
- 15 Aftercooler
- 16 Condensate separator HP
- 17 Safety valve
- 18 Pressure gauge
- 19 Condensate separator HP High efficiency
- 20 Purifier filter
- 21 Pressure maintenance valve
- 22 Pressure switch
- 23 Flex hoses

TECHNICAL DATA

DRIVEN BY	MCH 13	MCH 16	MCH 21	MCH 23
CHARGING RATE	THREE-PHASE ELECTRIC MOTOR 235 l/min - 14.1 m ³ /h 8.3 CFM FAD	THREE-PHASE ELECTRIC MOTOR 315 l/min - 18.9 m ³ /h 11.1 CFM FAD	THREE-PHASE ELECTRIC MOTOR 345 l/min - 20.7 m ³ /h 12.2 CFM FAD	THREE-PHASE ELECTRIC MOTOR 380 l/min - 22.8 m ³ /h 13.4 CFM FAD
FILLING TIME*	8 min. 30 sec.	6 min. 20 sec.	5 min. 40 sec.	5 min. 10 sec.
WORKING PRESSURE	232 - 300 - 330 bar 3365 - 4351 - 4786 psig	232 - 300 - 330 bar 3365 - 4351 - 4786 psig	232 - 300 - 330 bar 3365 - 4351 - 4786 psig	232 - 300 - 330 bar 3365 - 4351 - 4786 psig
NET WEIGHT APPROX.	181 kg - 399 lb	191 kg - 421 lb	191 kg - 421 lb	191 kg - 421 lb
NOISE	75 dB	76 dB	76 dB	76 dB

*Filling time cylinder 10 l-0/200 bar (measured by filling cylinder from 0 to 200 bar $\pm 5\%$)

Available on request: MCH 13 SINGLE-PHASE ELECTRIC MOTOR / MCH 16 SINGLE-PHASE ELECTRIC MOTOR.

STANDARD



BC DIN 232 bar - 3365 psig
BC DIN 300 bar - 4351 psig
2 valves BC (Pag. 65)



BC INT
2 valves BC (Pag. 65)



Filling hoses
2 filling hoses 1.2 m - 3.9 ft lenght



Automatic condensate drain



Pressure gauges
interstage control



Pressure switch
auto shut off



Thermostat
Cabin temperature
thermostat/auto shut off



Phase controller
that prohibits reverse rotation



Oil level
switch/auto shut off



Double hyperfilter filtration
PED certificated
(Pag. 67)



Oil pump

OPTIONAL



Presec
visual filtration saturation indicator
(Pag. 55)

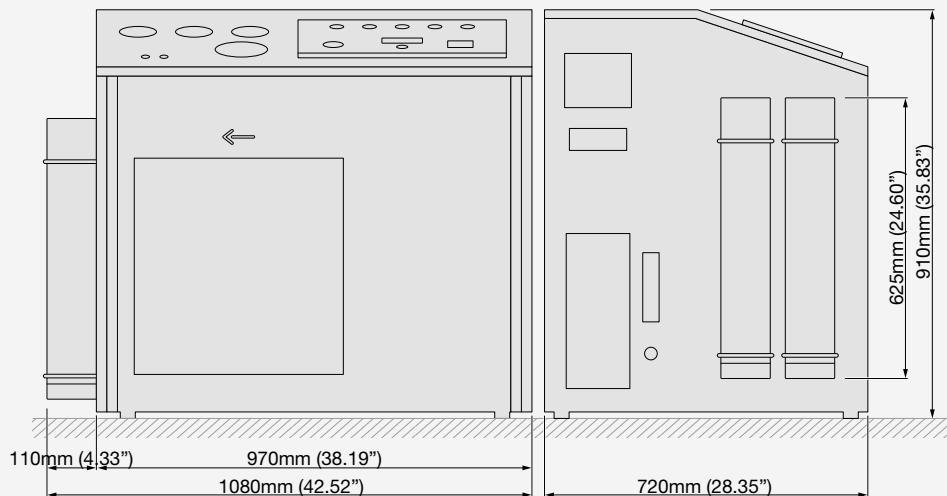


Remote filling panels
(Pag. 64-65)



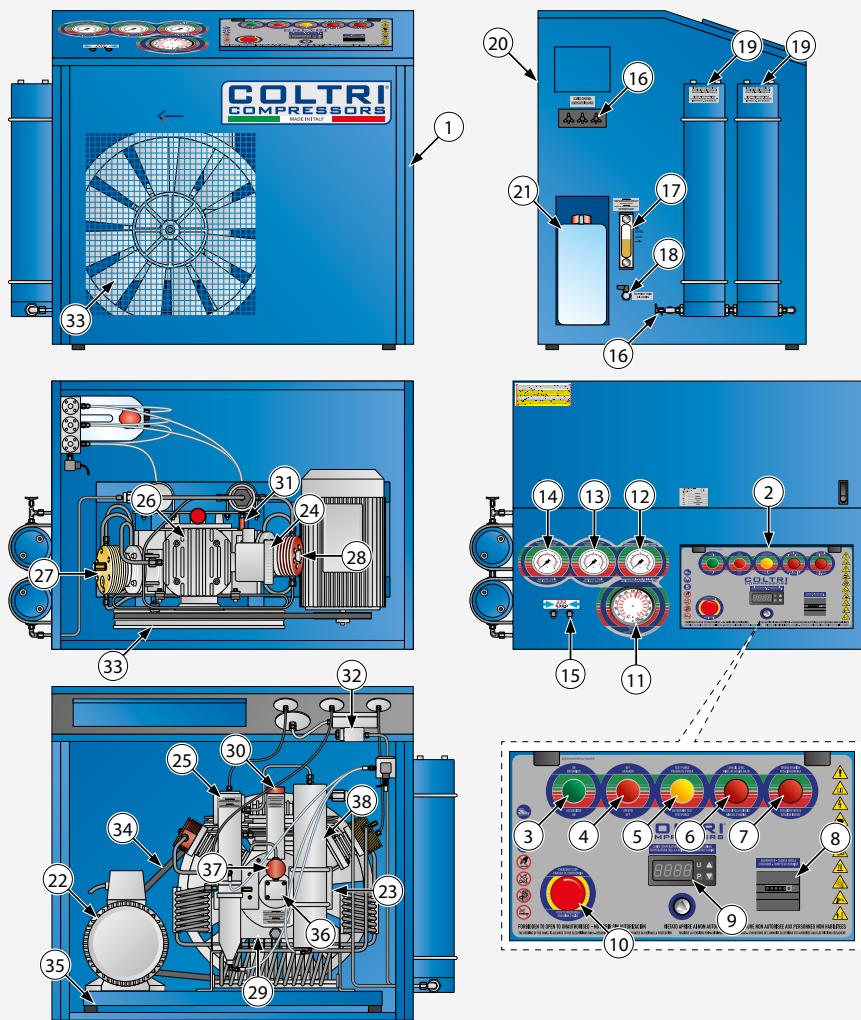
Filling hoses
length: 1.5 - 2 - 3 - 4 - 5 - 8 - 10 m
4.9 - 6.5 - 9.8 - 13.1 - 16.4 - 26.2 - 32.8 ft

DIMENSIONS



MACHINE PARTS

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



SUPER SILENT TPS

LINE: PRIME



MCH 23 ET THREE-PHASE ELECTRIC MOTOR

DESCRIPTION

The SUPER SILENT TPS model stands out for being extremely silent. It has been designed with a larger cooling and soundproofing system as well as a powerful filtering system with two Hyperfilters. Powered by a three-phase electric motor, it is equipped with four different pumping units (MCH 13, MCH 16, MCH 21 and MCH 23), all with TPS (Tropical Plus Superdry) and available with an exclusive control panel. In order to prolong the life of the filters external dryers, RF 500 and RF 1000, can be added.

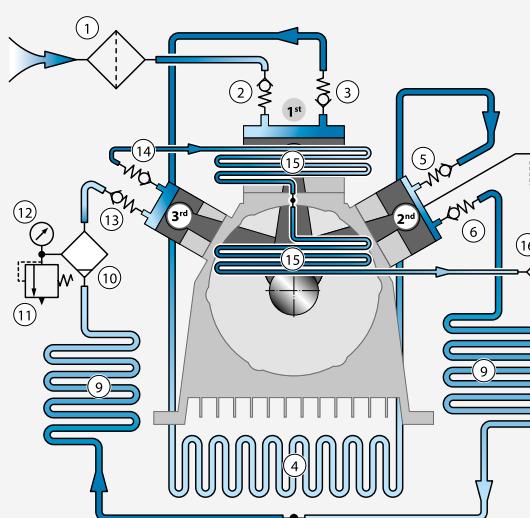
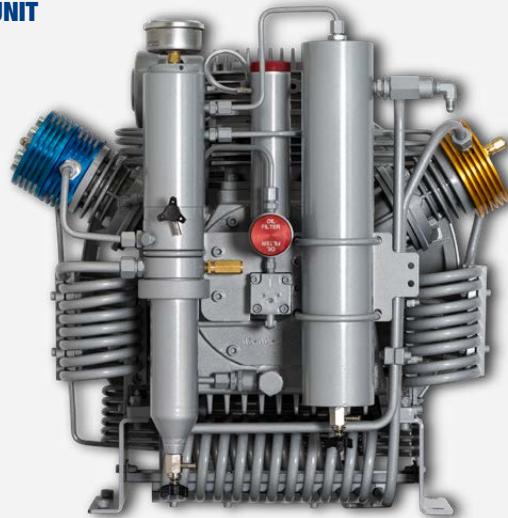


MCH 23 ET THREE-PHASE ELECTRIC MOTOR

MCH 13-16 TPS PUMPING UNIT



MCH 21-23 TPS PUMPING UNIT



1	Intake filter	10	Condensate separator LP
2	Intake valve 1st stage	11	Safety valve 2nd stage
3	Outlet valve 1st stage	12	2nd stage pressure gauge
4	Cooling pipe 1st-2nd stage	13	Intake valve 3rd stage
5	Intake valve 2nd stage	14	Outlet valve 3rd stage
6	Outlet valve 2nd stage	15	Aftercooler
7	Safety valve 1st stage	16	Condensate separator HP
8	1st stage pressure gauge	17	Safety valve
9	Cooling pipe 2nd/condensate separator LP	18	Pressure gauge
10		19	Condensate separator HP High efficiency
11		20	Purifier filter
12		21	Pressure maintenance valve
13		22	Pressure switch
14		23	Flex hoses

TECHNICAL DATA

	MCH 13	MCH 16	MCH 21	MCH 23
DRIVEN BY	THREE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR
CHARGING RATE	235 l/min - 14.1 m ³ /h 8.3 CFM FAD	315 l/min - 18.9 m ³ /h 11.1 CFM FAD	345 l/min - 20.7 m ³ /h 12.2 CFM FAD	380 l/min - 22.8 m ³ /h 13.4 CFM FAD
FILLING TIME*	8 min. 30 sec.	6 min. 20 sec.	5 min. 40 sec.	5 min. 10 sec.
WORKING PRESSURE	232 - 300 - 330 bar 3365 - 4351 - 4786 psig	232 - 300 - 330 bar 3365 - 4351 - 4786 psig	232 - 300 - 330 bar 3365 - 4351 - 4786 psig	232 - 300 - 330 bar 3365 - 4351 - 4786 psig
NET WEIGHT APPROX.	212 kg - 467 lb	222 kg - 489 lb	222 kg - 489 lb	222 kg - 489 lb
NOISE	66 dB	68 dB	68 dB	68 dB

*Filling time cylinder 10 l-0/200 bar (measured by filling cylinder from 0 to 200 bar $\pm 5\%$)

Available on request: MCH 13 SINGLE-PHASE ELECTRIC MOTOR / MCH 16 SINGLE-PHASE ELECTRIC MOTOR.

STANDARD



BC DIN 232 bar - 3365 psig
BC DIN 300 bar - 4351 psig
2 valves BC (Pag. 65)



BC INT
2 valves BC (Pag. 65)



Filling hoses
2 filling hoses 1.2 m - 3.9 ft lenght



Automatic condensate drain



Pressure gauges
interstage control



Pressure switch
auto shut off



Thermostat
Cabin temperature
thermostat/auto shut off



Phase controller
that prohibits reverse rotation



Oil level
switch/auto shut off



Double hyperfilter filtration
PED certificated
(Pag. 67)



Oil pump

OPTIONAL



Presec
visual filtration saturation indicator
(Pag. 55)



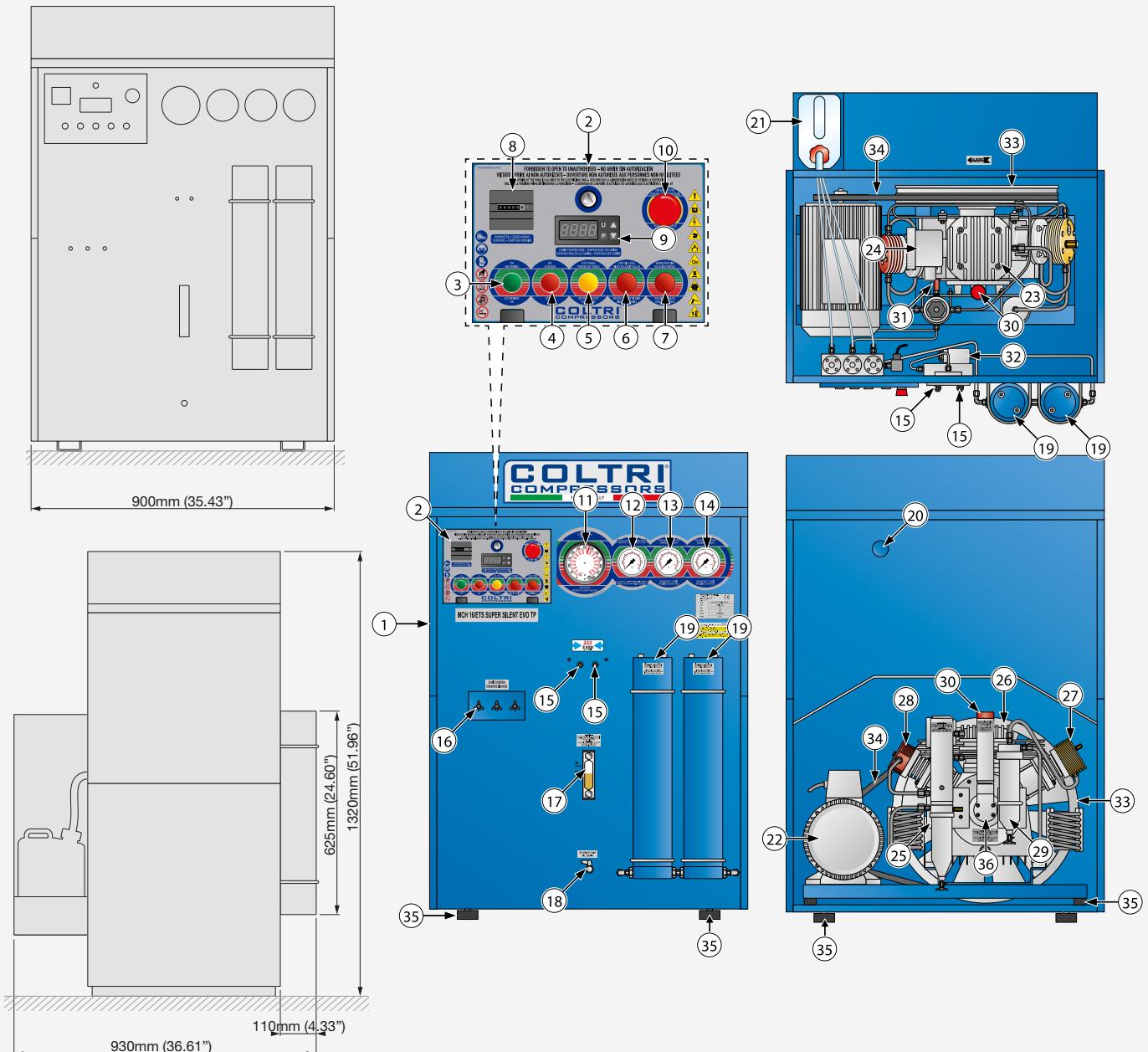
Dryer
LP RF 500
HP RF 1000
(Pag. 54)



Remote filling panels
(Pag. 64-65)



Filling hoses
lenght: 1.5 - 2 - 3 - 4 - 5 - 8 - 10 m
4.9 - 6.5 - 9.8 - 13.1 - 16.4 - 26.2 - 32.8 ft



- 1 Frame
- 2 Control pannel
- 3 ON pushbutton
- 4 Stop pushbutton
- 5 Condensate discharge pushbutton
- 6 Oil level warning light
- 7 Direction of rotation indicator light
- 8 Hour counter
- 9 Cabinet interior / cooling air temperature
- 10 Emergency pushbutton
- 11 Automatic shutdown pressure switch
- 12 3rd stage pressure gauge
- 13 2nd stage pressure gauge

- 14 1st stage pressure gauge
- 15 Refill hoses connection
- 16 Condensate discharge valves
- 17 Oil level
- 18 Oil discharge valves
- 19 Purifier filter
- 20 Intake extension hole
- 21 Condensate collection can
- 22 Motor
- 23 Compressor
- 24 Air filter
- 25 Final condensate separator
- 26 1st stage
- 27 2nd stage
- 28 3rd stage
- 29 Monobloc
- 30 Oil filler plug
- 31 Safety valve
- 32 Maintenance valve
- 33 Cooling fan
- 34 Belt
- 35 Anti-vibration device
- 36 Oil pump

SILENT LINE: HEAVY DUTY



MCH 30 ET THREE-PHASE ELECTRIC MOTOR

DESCRIPTION

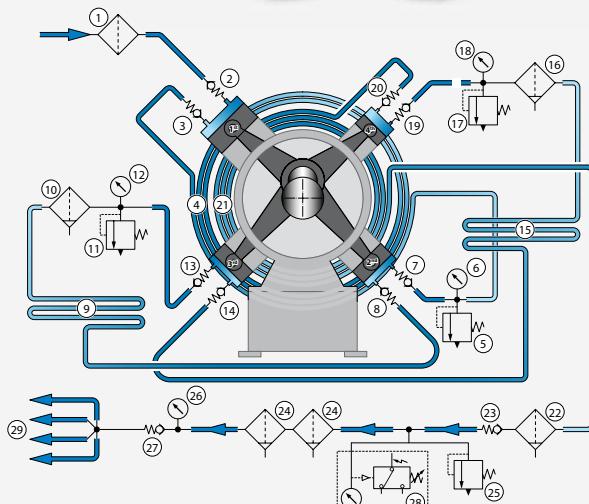
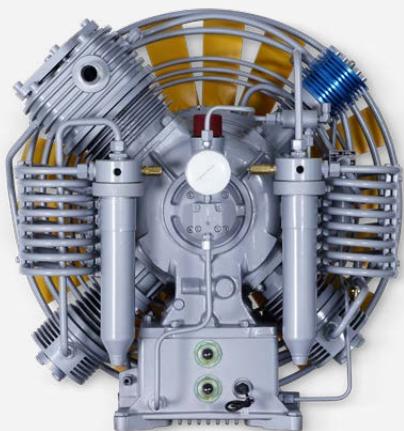
The SILENT series represents soundproofing to perfection. It has been designed to meet the needs of very intensive situations and where large filling capacities are required. Equipped with 4 front filling connections for high pressure hoses (from 232 to 420 bar), a control panel and an electrical display. Each is equipped with a three-phase electric motor and powerful pumping units (MCH 22, MCH 30, MCH 36 and MCH 45 depending on the specific model). The structure, which has been specially designed to improve soundproofing, allows you to go below the 70 dB threshold when in action. In order to prolong the life of the filters external dryers, RF 500 and RF 1000, can be added. Optional extras include: electronic touch screen display, Presec for filter saturation control and remote filling panel.



MCH 36 ET THREE-PHASE ELECTRIC MOTOR

MCH 22

PUMPING UNIT

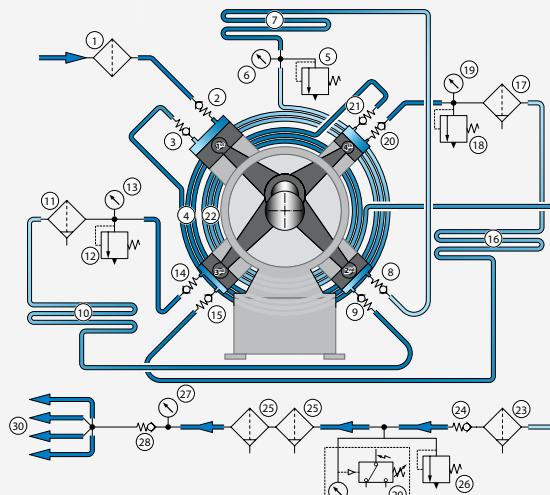
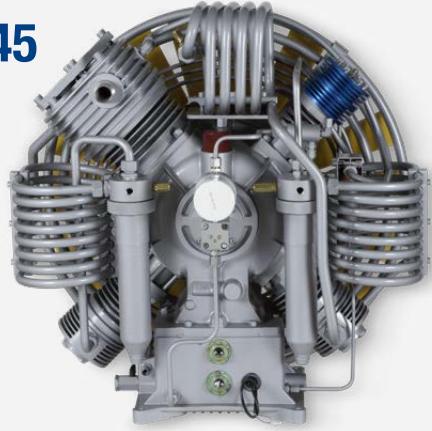


- 1 Intake filter
- 2 Intake valve 1st stage
- 3 Outlet valve 1st stage
- 4 Cooling pipe 1st-2nd stage
- 5 Safety valve 1st stage
- 6 Pressure gauge 1st stage
- 7 Intake valve 2nd stage
- 8 Outlet valve 2nd stage
- 9 Cooling pipe 2nd-3rd stage
- 10 Condensate separator
- 11 Safety valve 2nd stage
- 12 Pressure gauge 2nd stage
- 13 Intake valve 3rd stage
- 14 Outlet valve 3rd stage
- 15 Cooling pipe 3rd-4th stage

- 16 Condensate separator
- 17 Safety valve 3rd stage
- 18 Pressure gauge 3rd stage
- 19 Intake valve 4th stage
- 20 Outlet valve 4th stage
- 21 Final cooling pipe
- 22 Condensate separator
- 23 Non return valve
- 24 Active carbon air filter / molecular sieve
- 25 Safety valve
- 26 Pressure gauge 4th stage
- 27 Pressure maintenance valve
- 28 Pressure switch
- 29 Flex hoses

MCH 30-36-45

PUMPING UNIT



- 1 Intake filter
- 2 Intake valve 1st stage
- 3 Outlet valve 1st stage
- 4 Cooling pipe 1st-2nd stage
- 5 Safety valve 1st stage
- 6 Pressure gauge 1st stage
- 7 Cooling pipe 1st-2nd stage
- 8 Intake valve 2nd stage
- 9 Outlet valve 2nd stage
- 10 Cooling pipe 2nd-3rd stage
- 11 Condensate separator
- 12 Safety valve 2nd stage
- 13 Pressure gauge 2nd stage
- 14 Intake valve 3rd stage
- 15 Outlet valve 3rd stage
- 16 Cooling pipe 3rd-4th stage
- 17 Condensate separator
- 18 Safety valve 3rd stage
- 19 Pressure gauge 3rd stage
- 20 Intake valve 4th stage
- 21 Outlet valve 4th stage
- 22 Final cooling pipe
- 23 Condensate separator
- 24 Non return valve
- 25 Active carbon air filter/molecular sieve
- 26 Safety valve
- 27 Pressure gauge 4th stage
- 28 Pressure maintenance valve
- 29 Pressure switch
- 30 Flex hoses

TECHNICAL DATA

	MCH 22	MCH 30	MCH 36	MCH 45
DRIVEN BY	THREE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR
CHARGING RATE	450 l/min - 27 m ³ /h 15.9 CFM FAD	550 l/min - 33 m ³ /h 19.4 CFM FAD	650 l/min - 39 m ³ /h 22.9 CFM FAD	750 l/min - 45 m ³ /h 26.9 CFM FAD
FILLING TIME*	5 min.	4 min.	3 min.	2,5 min.
WORKING PRESSURE	232 - 330 - 420 bar 3365 - 4786 - 6091 psig	232 - 330 - 420 bar 3365 - 4786 - 6091 psig	232 - 330 - 420 bar 3365 - 4786 - 6091 psig	232 - 330 - 420 bar 3365 - 4786 - 6091 psig
NET WEIGHT APPROX.	445 kg - 981 lb	455 kg - 1003 lb	455 kg - 1003 lb	455 kg - 1003 lb
NOISE	70 dB	70 dB	70 dB	70 dB

*Filling time cylinder 10 l/0/200 bar (measured by filling cylinder from 0 to 200 bar $\pm 5\%$)

STANDARD



BC DIN 232 bar - 3365 psig
BC DIN 300 bar - 4351 psig
2 valves BC (Pag. 65)



BC INT
2 valves BC (Pag. 65)



Filling hoses
2 filling hoses 1.2 m - 3.9 ft lenght



Automatic condensate drain



Pressure gauges
interstage control



Pressure switch
auto shut off



Thermostat
Cabin temperature
thermostat/auto shut off



Phase controller
that prohibits reverse rotation



Oil level
switch/auto shut off



Double hyperfilter filtration
PED certificated
(Pag. 67)



Oil pump

OPTIONAL



Touch screen
display



Presec
visual filtration saturation indicator
(Pag. 55)



Dryer
LP RF 500
HP RF 1000
(Pag. 54)



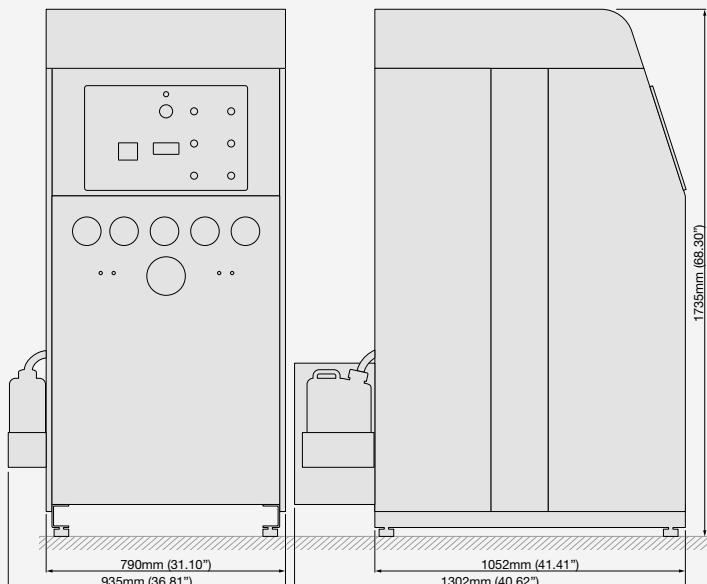
Remote filling panels
(Pag. 64-65)



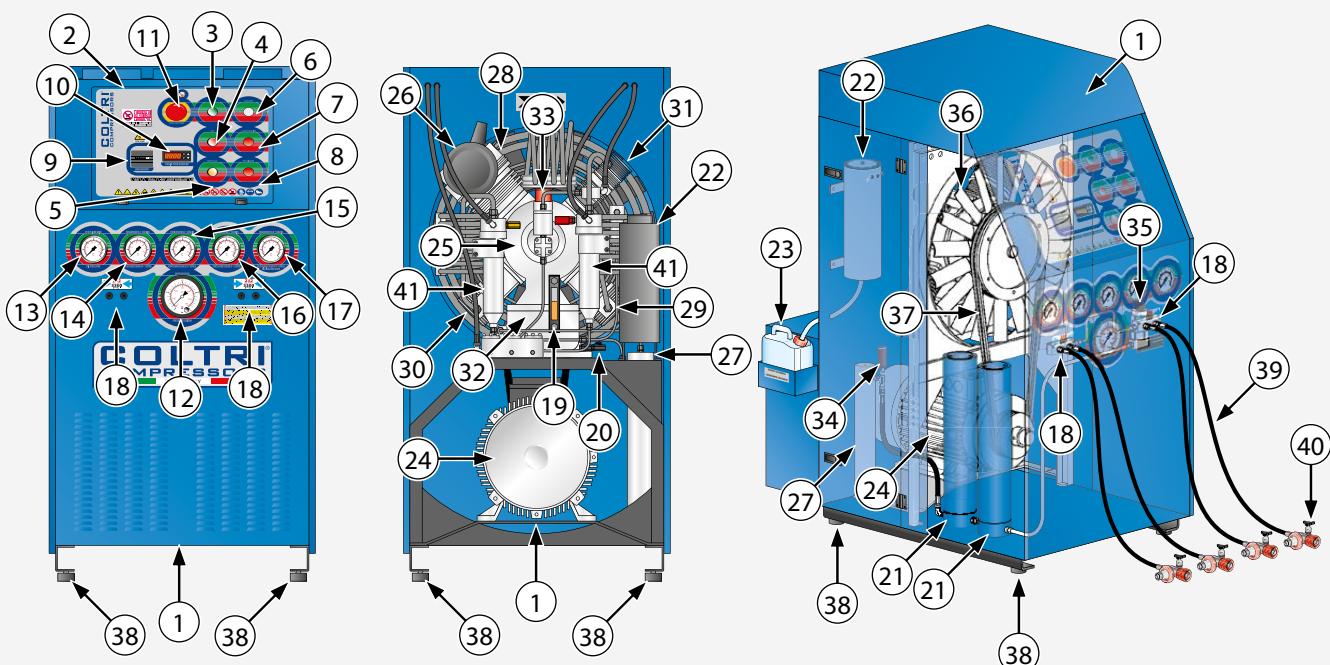
Filling hoses

length: 1.5 - 2 - 3 - 4 - 5 - 8 - 10 m
4.9 - 6.5 - 9.8 - 13.1 - 16.4 - 26.2 - 32.8 ft

DIMENSIONS



MACHINE PARTS



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

OPEN LINE: HEAVY DUTY



MCH 36 ET THREE-PHASE ELECTRIC MOTOR

DESCRIPTION

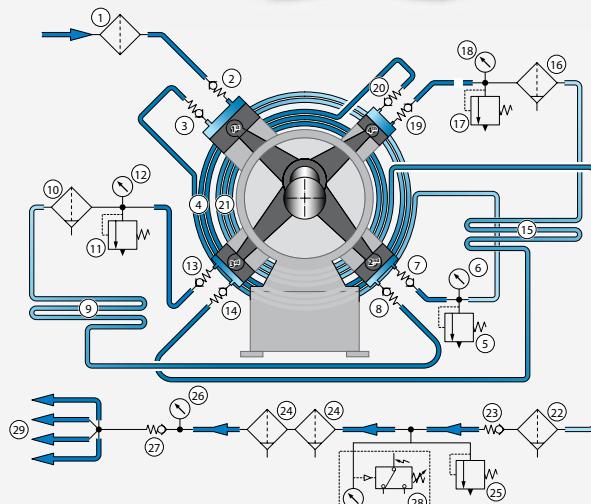
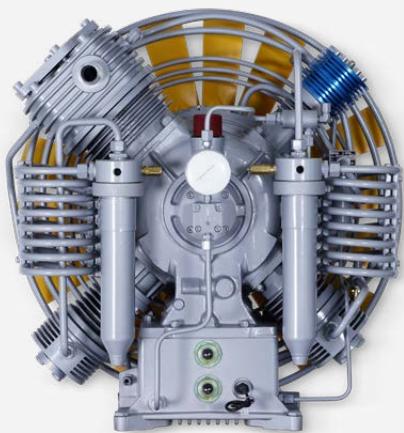
The OPEN series has been conceived to meet the needs of very intensive situations, large filling capacities, but in warm, poorly ventilated environments or tropical countries. Equipped with 4 front filling connections for high pressure hoses (from 232 to 420 bar), a control panel and an electrical display. Each one is also equipped with a three-phase electric motor and powerful pumping units (MCH 22, MCH 30, MCH 36 and MCH 45 depending on the specific model). The pumping unit placed in the rear part of the structure guarantees a better cooling cycle. In order to prolong the life of the filters external dryers, RF 500 and RF 1000, can be added. Optional extras include: electronic touch screen display, Presec for filter saturation control and remote filling panel.



MCH 36 ET THREE-PHASE ELECTRIC MOTOR

MCH 22

PUMPING
UNIT

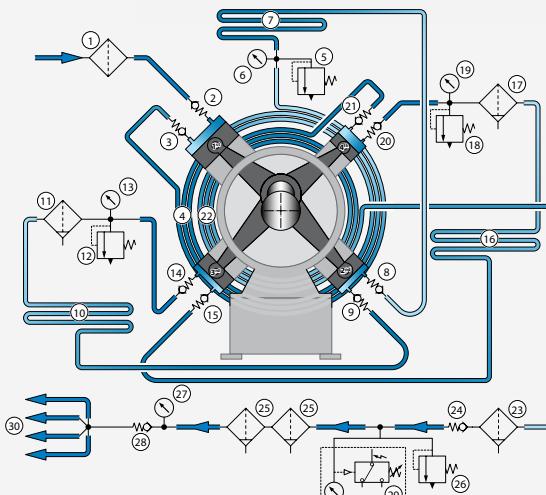


- 1 Intake filter
- 2 Intake valve 1st stage
- 3 Outlet valve 1st stage
- 4 Cooling pipe 1st-2nd stage
- 5 Safety valve 1st stage
- 6 Pressure gauge 1st stage
- 7 Intake valve 2nd stage
- 8 Outlet valve 2nd stage
- 9 Cooling pipe 2nd-3rd stage
- 10 Condensate separator
- 11 Safety valve 2nd stage
- 12 Pressure gauge 2nd stage
- 13 Intake valve 3rd stage
- 14 Outlet valve 3rd stage
- 15 Cooling pipe 3rd-4th stage

- 16 Condensate separator
- 17 Safety valve 3rd stage
- 18 Pressure gauge 3rd stage
- 19 Intake valve 4th stage
- 20 Outlet valve 4th stage
- 21 Final cooling pipe
- 22 Condensate separator
- 23 Non return valve
- 24 Active carbon air filter / molecular sieve
- 25 Safety valve
- 26 Pressure gauge 4th stage
- 27 Pressure maintenance valve
- 28 Pressure switch
- 29 Flex hoses

MCH 30-36-45

PUMPING
UNIT



- 1 Intake filter
- 2 Intake valve 1st stage
- 3 Outlet valve 1st stage
- 4 Cooling pipe 1st-2nd stage
- 5 Safety valve 1st stage
- 6 Pressure gauge 1st stage
- 7 Cooling pipe 1st-2nd stage
- 8 Intake valve 2nd stage
- 9 Outlet valve 2nd stage
- 10 Cooling pipe 2nd-3rd stage
- 11 Condensate separator
- 12 Safety valve 2nd stage
- 13 Pressure gauge 2nd stage
- 14 Intake valve 3rd stage
- 15 Outlet valve 3rd stage
- 16 Cooling pipe 3rd-4th stage
- 17 Condensate separator
- 18 Safety valve 3rd stage
- 19 Pressure gauge 3rd stage
- 20 Intake valve 4th stage
- 21 Outlet valve 4th stage
- 22 Final cooling pipe
- 23 Condensate separator
- 24 Non return valve
- 25 Active carbon air filter/molecular sieve
- 26 Safety valve
- 27 Pressure gauge 4th stage
- 28 Pressure maintenance valve
- 29 Pressure switch
- 30 Flex hoses

TECHNICAL DATA

	MCH 22	MCH 30	MCH 36	MCH 45
DRIVEN BY	THREE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR	THREE-PHASE ELECTRIC MOTOR
CHARGING RATE	450 l/min - 27 m ³ /h 15.9 CFM FAD	550 l/min - 33 m ³ /h 19.4 CFM FAD	650 l/min - 39 m ³ /h 22.9 CFM FAD	750 l/min - 45 m ³ /h 26.9 CFM FAD
FILLING TIME*	5 min.	4 min.	3 min.	2,5 min.
WORKING PRESSURE	232 - 330 - 420 bar 3365 - 4786 - 6091 psig	232 - 330 - 420 bar 3365 - 4786 - 6091 psig	232 - 330 - 420 bar 3365 - 4786 - 6091 psig	232 - 330 - 420 bar 3365 - 4786 - 6091 psig
NET WEIGHT APPROX.	365 kg - 805 lb	375 kg - 827 lb	375 kg - 827 lb	375 kg - 827 lb
NOISE	78 dB	78 dB	78 dB	78 dB

*Filling time cylinder 10 l-0/200 bar (measured by filling cylinder from 0 to 200 bar $\pm 5\%$)

STANDARD



BC DIN 232 bar - 3365 psig
BC DIN 300 bar - 4351 psig
2 valves BC (Pag. 65)



BC INT
2 valves BC (Pag. 65)



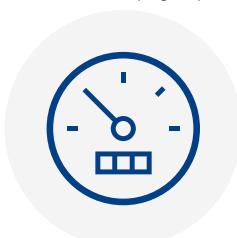
Filling hoses
2 filling hoses 1.2 m - 3.9 ft lenght



Automatic condensate drain



Pressure gauges
interstage control



Pressure switch
auto shut off



Thermostat
Cabin temperature
thermostat/auto shut off



Phase controller
that prohibits reverse rotation



Oil level
switch/auto shut off



Double hyperfilter filtration
PED certificated
(Pag. 67)

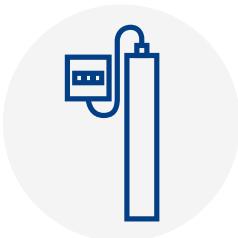


Pompa olio

OPTIONAL



Touch screen
display



Presec
visual filtration saturation indicator
(Pag. 55)



Dryer
LP RF 500
HP RF 1000
(Pag. 54)

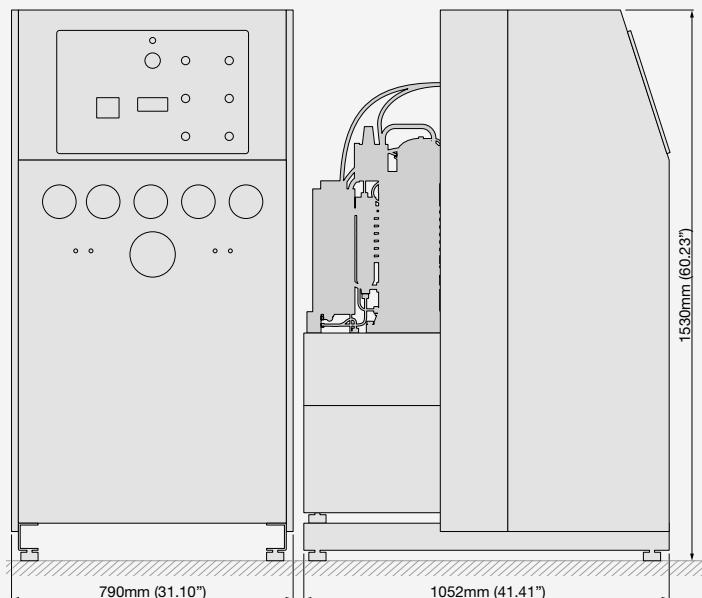


Remote filling panels
(Pag. 64-65)

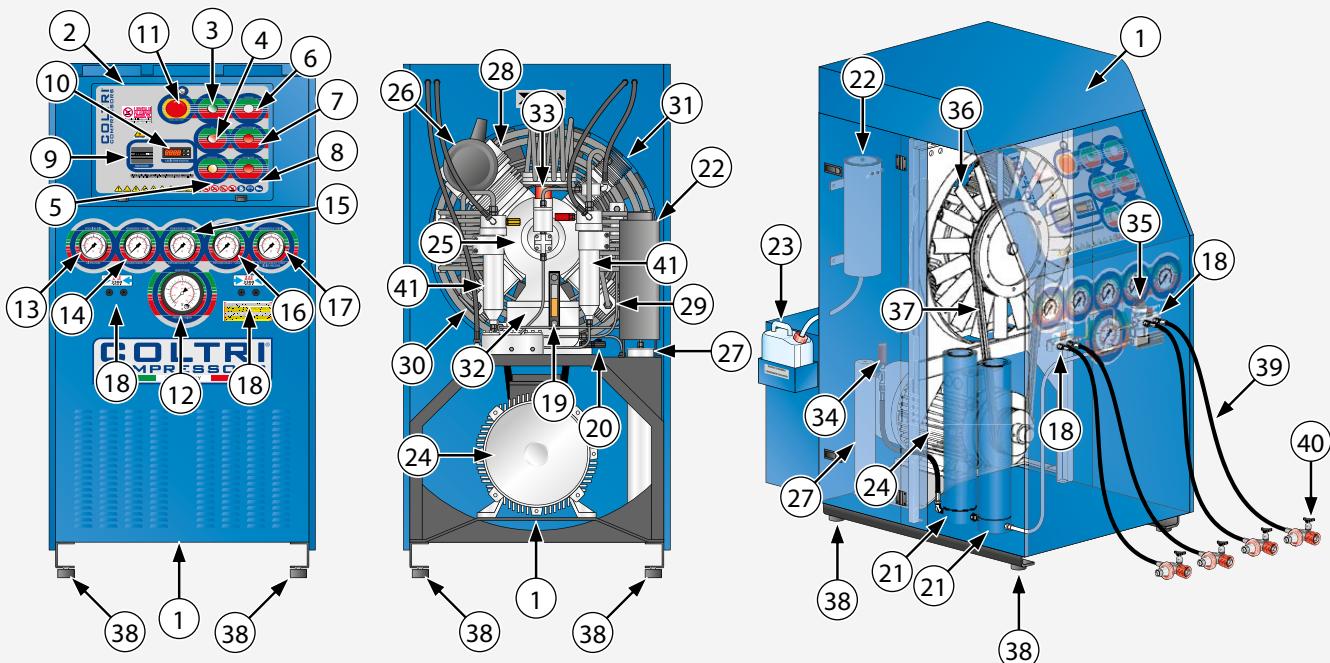


Filling hoses
length: 1.5 - 2 - 3 - 4 - 5 - 8 - 10 m
4.9 - 6.5 - 9.8 - 13.1 - 16.4 - 26.2 - 32.8 ft

DIMENSIONS



MACHINE PARTS



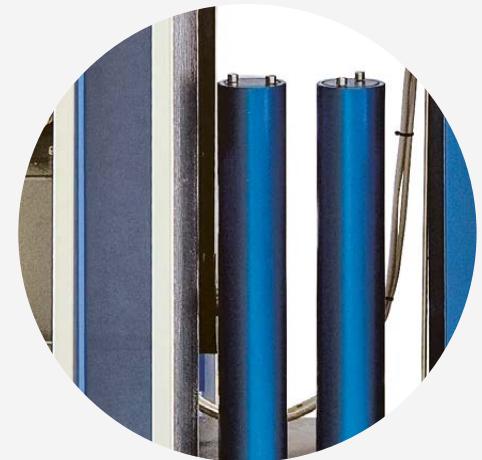
1 Frame	15 2nd stage pressure gauge	28 1st stage
2 Control pannel	16 3rd stage pressure gauge	29 2nd stage
3 ON pushbutton	17 4th stage pressure gauge/ working pressure	30 3rd stage
4 Stop pushbutton	18 Refill hoses connection	31 4th stage
5 Condensate discharge pushbutton	19 Oil level	32 Monobloc
6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

FILTER LIFE 5 TIME LONGER

IMPROVED AIR QUALITY

LESS CORROSION OF THE INTERNAL
MECHANICAL PARTS

FILLING CYLINDERS KEEPING
A COSTANT PERCENTAGE OF HUMIDITY



FINAL HP REFRIGERATOR RF 500 - RF 1000 ON DEMAND



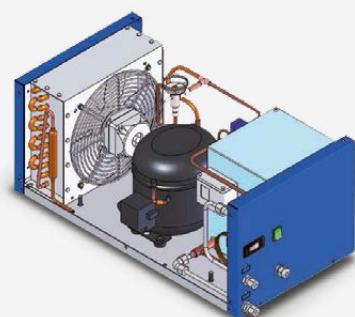
RF 500



RF 1000

For RF 500 and RF 1000 this air intake component of the frame need to be ordered a part as larger than standard.

The final HP dryier is positioned between the final stage and hp water separator. The compressed air is cooled down inside a closed cooling circuit. As a result, the dew point of the compressed air decreases and most of the moisture and oil contained condenses or is removed by the oil and water separator. Consequently, only a very small amount of moisture enters the filter cartridge, which significantly increases its life.



CODE

230V 50hz
SC0001300
RF 500

230V 60hz
SC0001301
RF 500

230V 50hz
SC0001310
RF 1000

230V 60hz
SC0001311
RF 1000

PRESEC

FILTERS CONTROL SYSTEM

ON DEMAND

The presec system is connected with a probe, within the first filtering cartridge, that detects the saturation level and transmits to the display the proper commutation signals based on the cartridge's status. In case of totally saturated filtering cartridge the compressor turns off and it is not possible to turn it on again without inserting a new cartridge.



Available for PRIME and HEAVY DUTY line:

ERGO / MARK 3 / SUPER SILENT TPS / SILENT / OPEN

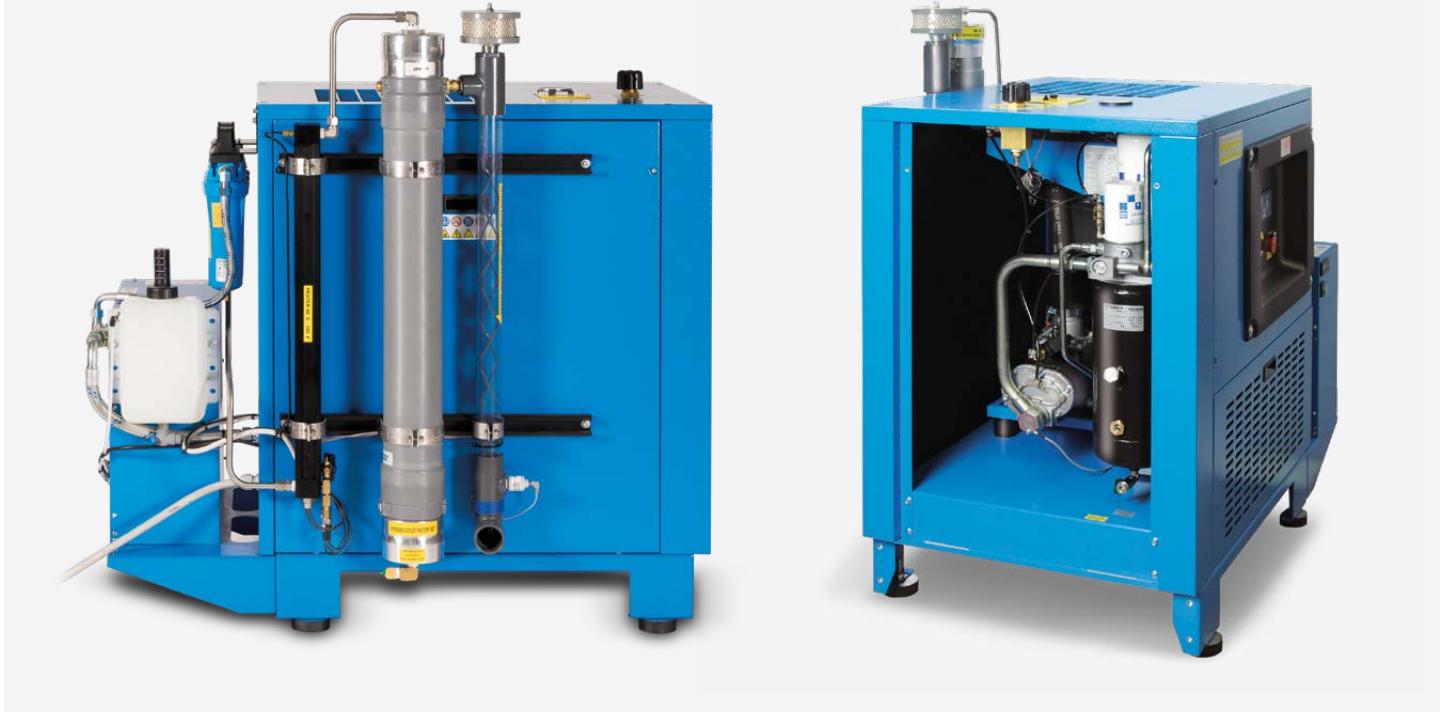
LP 300 ROTARY

LINE: NITROX

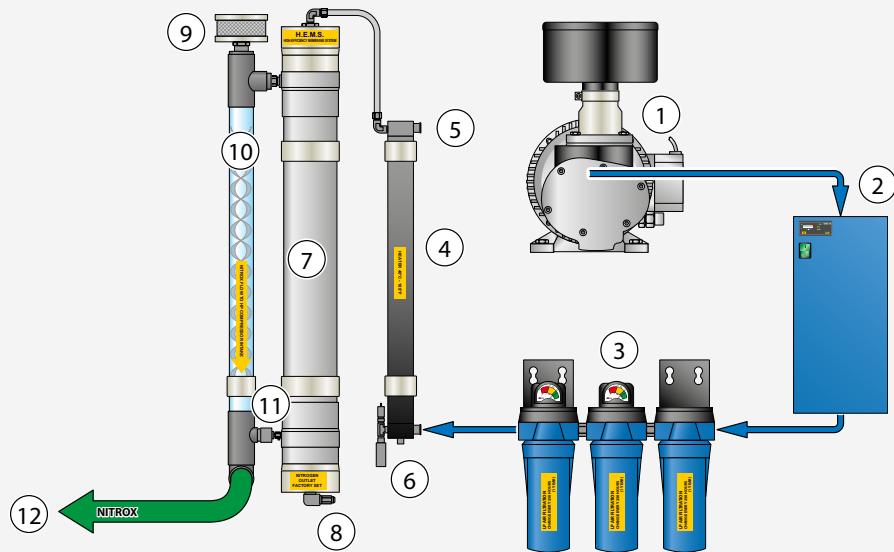


DESCRIPTION

The LP300 ROTARY model is made of an industrial screw compressor that delivers air at 12 bar to a membrane that separates nitrogen and oxygen up to a maximum of 40% O2. The enriched air can be compressed at a pressure of 232 bar in combination with a high pressure compressor. The percentage of oxygen obtained at the outlet can be regulated from 22.4% to 40% thanks to a valve accessible directly on top of the compressor. The oxygen analyser lets one check the percentage of oxygen and adjust it by means of the appropriate valve.



MIXING CIRCUIT



- 1** Screw compressor
- 2** Dryer
- 3** Filters-separators set
- 4** Heater
- 5** Temperature sensor
- 6** Pressure switch-thermostat

- 7** Membrane
- 8** Nitrogen release
- 9** Intake filter
- 10** Air-Oxygen mixer pipe
- 11** Oxygen sensor (remote)
- 12** Nitrox mix outlet

TECHNICAL DATA

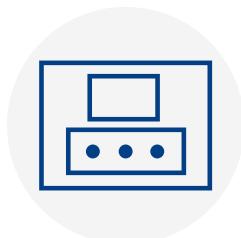
LP 300

DRIVEN BY	THREE-PHASE ELECTRIC MOTOR		
WORKING PRESSURE	8 bar		
NET WEIGHT APPROX.	256 kg		
NOISE	68 dB		
% O ₂	32%	36%	40%
L/MIN	660	380	330
CONNECTABLE COMPRESSORS	N° 2 MCH 16	N° 1 MCH 23	N° 1 MCH 16

STANDARD



Autostop



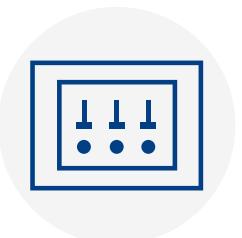
2 analyzer in line
1 on LP compressor and
1 on HP compressor



Thermostat
Cabin temperature
thermostat/auto shut off

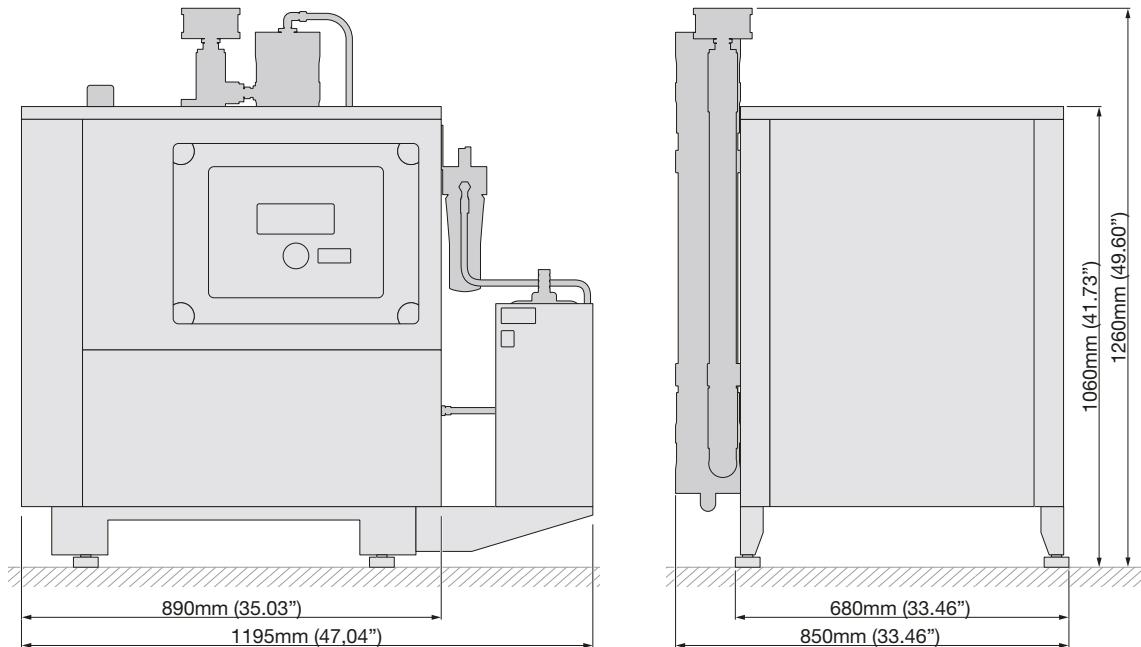


Automatic condensate drain

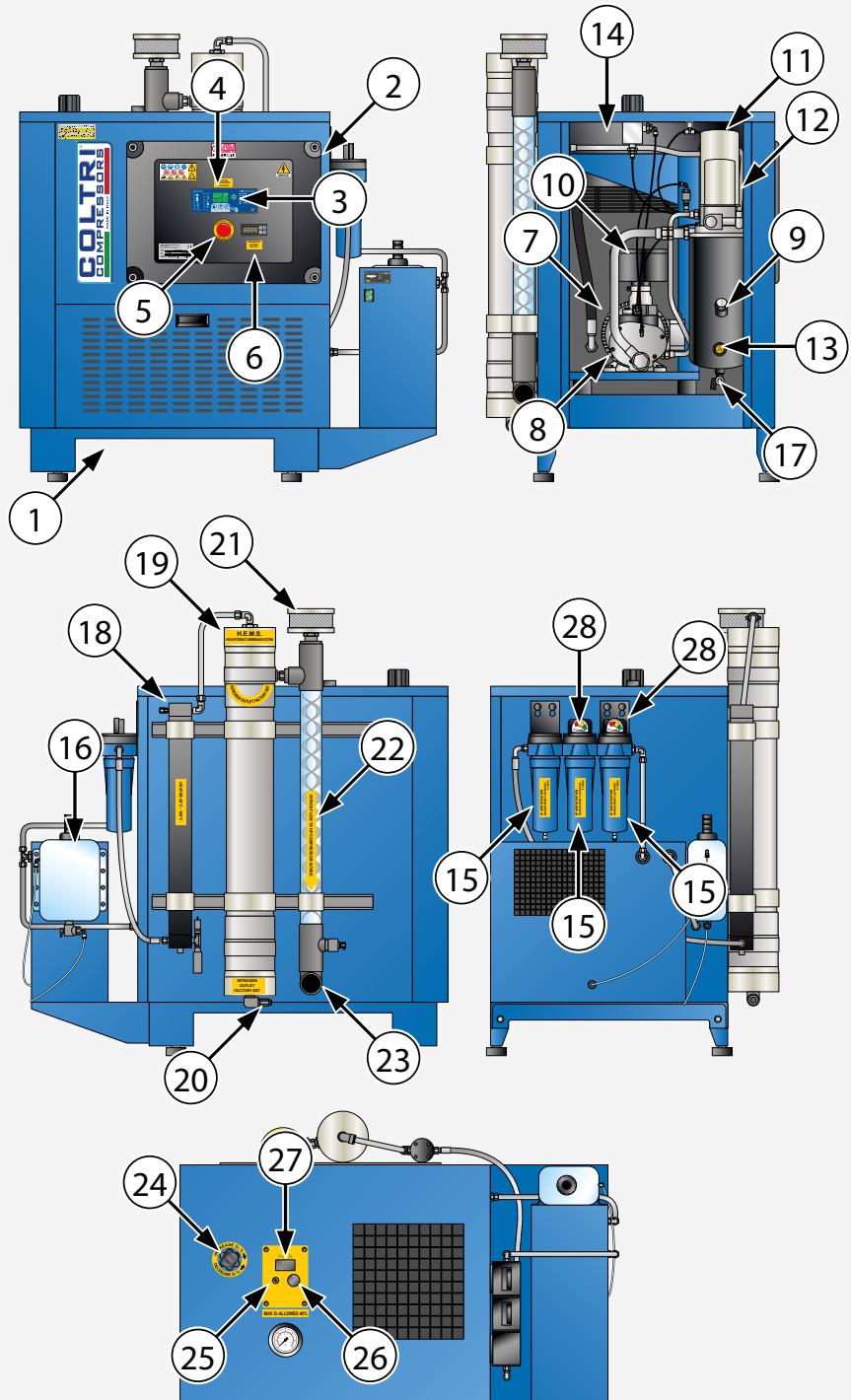


Electric switchboard
with hourmeter and alarm

DIMENSIONS



MACHINE PARTS



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

LP 600 ROTARY

LINE: NITROX

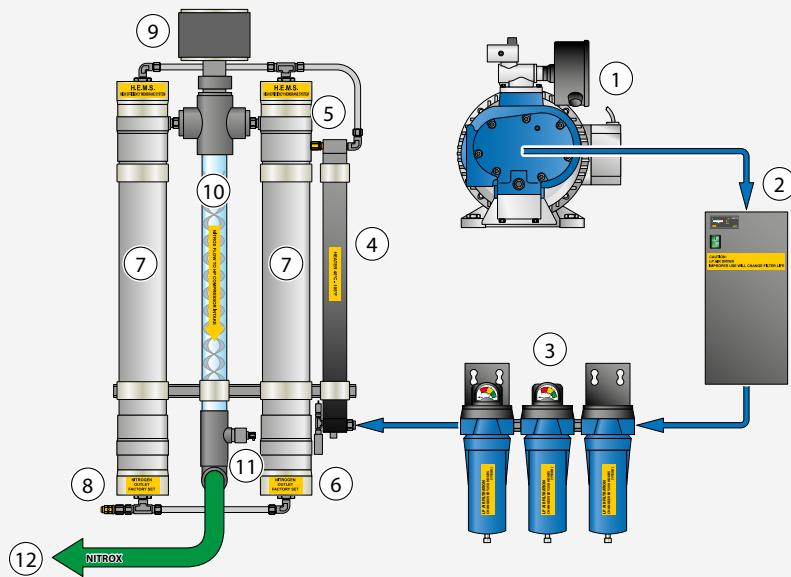


DESCRIPTION

The top of the Nitrox line is the LP600 ROTARY, made up by an industrial screw compressor that delivers air at 8 bar to a membrane that separates nitrogen and oxygen at atmospheric pressure until Nitrox 40% O₂ is obtained, going on to be compressed at 232 bar in combination with a high pressure compressor. The percentage of oxygen obtained at the outlet can be regulated from 22.4% to 40% thanks to a valve accessible directly on top of the compressor. Exclusive to the Heavy Duty line.



MIXING CIRCUIT



- 1 Screw compressor
- 2 Dryer
- 3 Filters-separators set
- 4 Heater
- 5 Temperature sensor
- 6 Pressure switch-thermostat

- 7 Membrane
- 8 Nitrogen release
- 9 Intake filter
- 10 Air-Oxygen mixer pipe
- 11 Oxygen sensor (remote)
- 12 Nitrox mix outlet

TECHNICAL DATA

LP 600

DRIVEN BY	THREE-PHASE ELECTRIC MOTOR	
POWER	15 kW	
WORKING PRESSURE	8 bar	
NET WEIGHT APPROX.	270 kg - 595 lb	
NOISE	67 dB	
% O ₂	32%	40%
L/MIN	1100	650
CONNECTABLE COMPRESSORS	N° 2 MCH-30	N° 1 MCH-36

STANDARD



Autostop



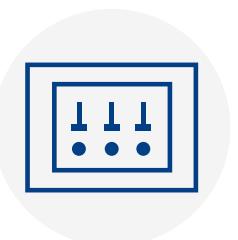
2 analyzer in line
1 on LP compressor and
1 on HP compressor



Thermostat
Cabin temperature
thermostat/auto shut off

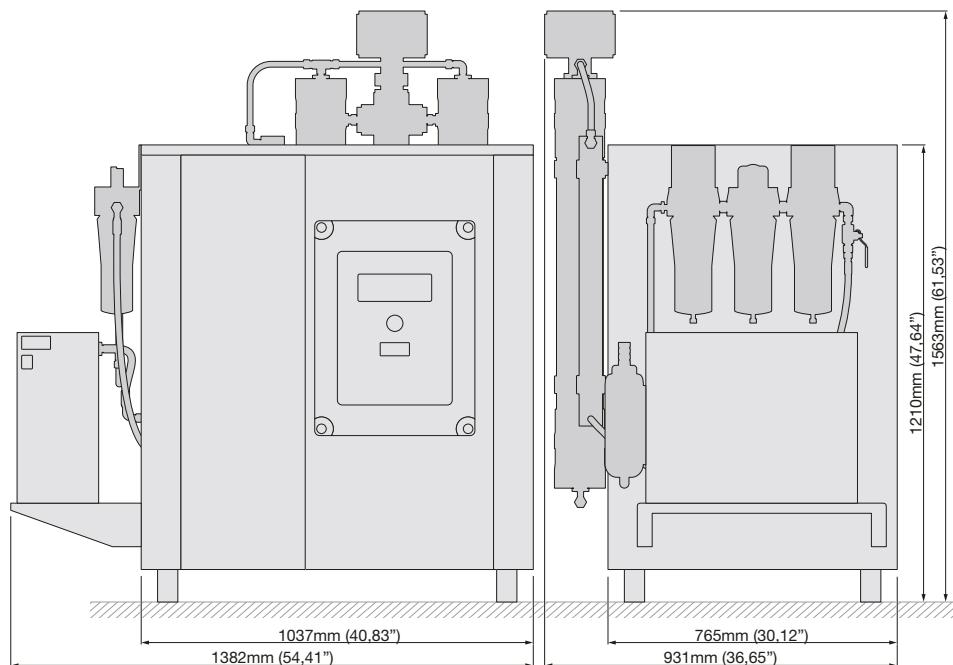


Automatic condensate drain

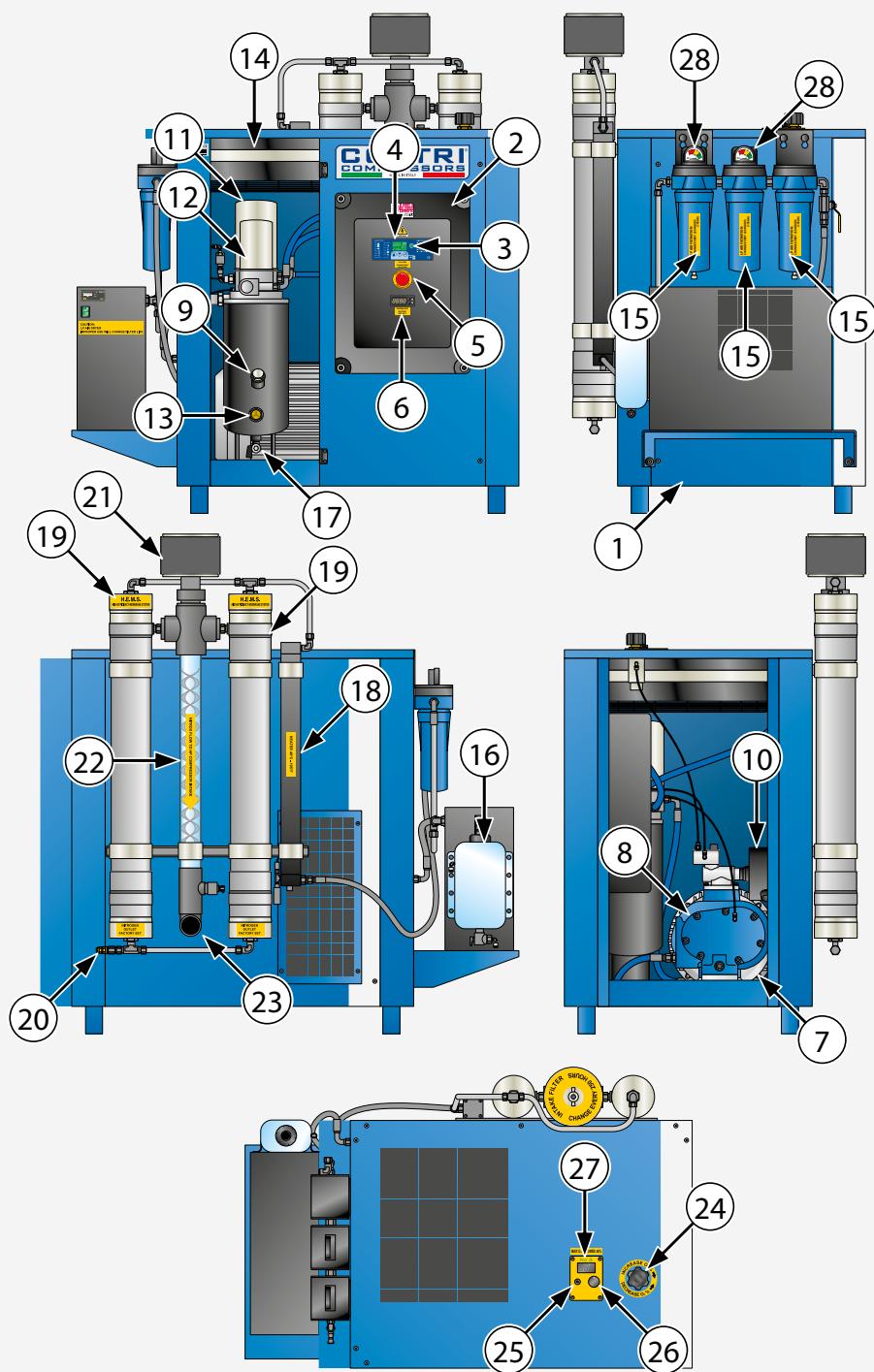


Electric switchboard
with hourmeter and alarm

DIMENSIONS



MACHINE PARTS



- 1 Frame
- 2 Control panel
- 3 Start/Stop pushbutton
- 4 Electronic controller
- 5 Emergency pushbutton
- 6 Heater temperature
- 7 Electric motor
- 8 Screw compressor
- 9 Oil filler cap
- 10 Compressor intake filter

- 11 De-oiler filter
- 12 Oil filter
- 13 Oil level indicator
- 14 Heat exchanger
- 15 Membrane protection filter set
- 16 Condensate collection receptacles
- 17 Oil drain cap
- 18 Heater
- 19 Membrane

- 20 Nitrogen release
- 21 Intake filter
- 22 Mixer pipe
- 23 Nitrox outlet
- 24 Oxygen percentage adjuster
- 25 ON/OFF pushbutton
- 26 Calibrator
- 27 Membrane Oxygen control
- 28 Filter clog indicator

LEVER FILLING PANELS



SINGLE PRESSURE VERSION

CODE SC000327

4 LEVER VALVES INT/ DIN 232/DIN 300

1 GAUGE



DOUBLE PRESSURE VERSION

CODE SC000331

2 LEVER VALVES INT/DIN 232 bar

2 LEVER VALVES INT/DIN 300 bar

2 GAUGES

1 PRESSURE REGULATOR



FILLING CONNECTIONS



CODE SC000936
DIN 200 bar - 2900 psig
STAINLESS STEEL FIT
FOR LEVER VALVE WITH SAFETY PIN



CODE SC000937
DIN 300 bar - 4351 psig
STAINLESS STEEL FIT
FOR LEVER VALVE WITH SAFETY PIN



CODE SC000935
INT STAINLESS STEEL FIT
FOR LEVER VALVE WITH SAFETY PIN

FILLING PANELS



SINGLE PRESSURE VERSION

CODE SC000325

4 BC INT/DIN 232/DIN 300

1 GAUGE



DOUBLE PRESSURE VERSION

CODE SC000329

2 BC DIN 232 bar/INT

2 GAUGES

2 BC DIN 300 bar

1 PRESSURE REGULATOR



FILLING CONNECTIONS



CODE SC000460
BC DIN 300 bar
4351 psig



CODE SC000470
BC DIN 232 bar
3365 psig



CODE SC000450
BC INT



CODE RE100350
DIN/INT FITTING



CODE VA800188
SERVICE KIT for BC
BC DIN 230 bar - 3335 psig
BC DIN 300 bar - 4351 psig

AIR FILTER CARTRIDGES

MAXIFILTER POLYPROPYLENE



A CODE SC000440/PP
WITH MOLECULAR SIEVE AND ACTIVATED CARBON

B CODE SC000440/PP/SM
WITH MOLECULAR SIEVE

C CODE SC000440/PP/CARB
WITH ACTIVATED CARBON

D CODE SC000440/PP/CO-CATALYST
WITH MOLECULAR SIEVE, ACTIVATED CARBON AND CO-CATALYST



CAPS & DISCS KIT

For MAXIFILTER AIR FILTER CARTRIDGE

CODE

13-05-0601/R
6 pieces kit



FELTS

For MAXIFILTER

CODE

13-00-0800
FOR MAXIFILTER 8 pieces kit



AIR FILTER CARTRIDGES

HYPERFILTER POLYPROPYLENE

A CODE 36-07-034/PP/B-AC
WITH MOLECULAR SIEVE AND ACTIVATED CARBON

B CODE 36-07-034/PP/A-MS
WITH MOLECULAR SIEVE

C CODE 36-07-034/PP/CARB
WITH ACTIVATED CARBON

D CODE 36-07-034/PP/B-AC/MOL
WITH MOLECULAR SIEVE, ACTIVATED CARBON AND CO-CATALYST



CAPS & DISCS KIT

For HYPERFILTER AIR FILTER CARTRIDGE

CODE

36-00-0805
6 pieces kit



FELTS

For HYPERFILTER

CODE

36-00-0800
FOR HYPERFILTER 8 pieces kit



ACTIVATED CARBON

CODE

SC000350 1 l



MOLECULAR SIEVE

CODE

SC000380 1 l



CO CATALYST

CODE

SC000355 1 kg



FILTERS

INTAKE AIR FILTERS



CODE

36-05-0504
For MCH 22/30/36/45

CODE

SC000370
For MCH 11/13/16/18

CODE

HC010301
For MCH 8

OIL FILTERS CARTRIDGE



CODE

36-06-006
For MCH 22/30/36/45 and TROPICAL PLUS

SC000688
For MCH 30/36/45

PRESSURE REDUCER DIN 300 TO DIN 232

CODE

SC000335
DIN VERSION WITH SAFETY VALVE 300 bar F / 232 bar M



AIR BANK

CODE

SC000625 - 2 x 50 l @ 360 bar

DIMENSION
(W x H x D)

76 x 207 x 44 cm
29.92" x 81.50" x 17.32"

NET WEIGHT
APPROX.

230 Kg / 506 lb



SYNTHETIC COLTRI OIL 157



CODE

SC000795
1 litre

- Fully synthetic oil with high viscosity index
- Excellent performance at high and low temperature

MOTOR OIL FOR PETROL AND DIESEL ENGINES



CODE

SC000430
1 litre

FILTERS

LP 280 / 300 / 560 / 600 / 713 ROTARY SILENT AIR FILTERS



CODE	SC000603 1,0 micron particles for LP 280 / 300	SC000602 0,1 micron particles for LP 280 / 300	SC000601 Activated carbon for LP 280 / 300
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CODE	SC000614 1,0 micron particles for LP 560 / 713	SC000613 0,1 micron particles for LP 560 / 713	SC000612 0,003 PPM oil vapor for LP 560 / 713
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INTAKE FILTERS ROTARY SYSTEM



CODE	SC000710 SINCE 01-2012 for LP 280 NITROX	SC000638 for LP 280 NITROX	SC000692 for LP 300 NITROX	SC000635 for LP 560 / 713 NITROX
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OIL FILTERS



CODE

SC000634
for LP 280 NITROX

SC000693
for LP 300 NITROX

SC000644 for LP 560 / 713 NITROX

OIL FILTERS



CODE

SC000666
for LP 280 / 300 NITROX

SC000681
for LP 560 / 713 NITROX

MIXING TUBE AIR FILTERS



CODE

SC000578
for LP 280 / 300 NITROX

SC0000694 for
LP 560 / 600 / 713 NITROX

REPLACEMENT SENSOR WITH REMOTE SENSOR FOR NITROX

CODE

SC000322/SR for
LP 280 / 300 / 560 / 600 / 713 NITROX



COLTRI OIL LP 46 FOR LP 300 / 560 / 600 / 713

CODE

SC000442
ISO VG GRADE 46



GREASE

CODE

GRASSO/ALUGREASE/T
100 gr



FILL CONTAINMENT CABINET 1 CYLINDER



TECHNICAL DATA

FILL CONTAINMENT CABINET

MAX TANK HEIGHT	620 mm - 24.4"
FILLING CONNECTION	DIN 300 bar - 4351 psig
TANK STORAGE	Diameter 208 mm - 8.18"
WEIGHT	144 kg / 317.4 lbs
WORKING PRESSURE	232 - 330 bar - 3365 - 4786 psig

STANDARD



Gauges



Tank storage
diameter 208 mm - 8.18"



Filling hoses
for din 300 bar
4351 psig

OPTIONAL



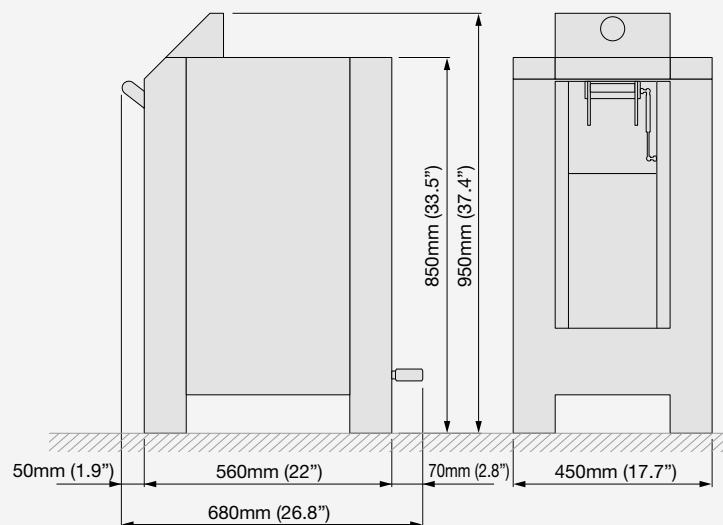
BC DIN 232 bar - 3365 psig
BC DIN 300 bar - 4351 psig
2 valves BC (Pag. 65)



BC INT
(Pag. 65)



DIN/INT FITTING
(Pag. 65)



FILL CONTAINMENT CABINET 2 CYLINDERS



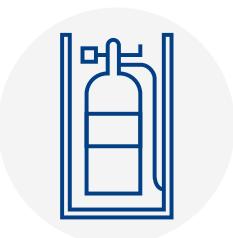
TECHNICAL DATA

FILLING CONNECTION	FILL CONTAINMENT CABINET
TANK STORAGE	DIN 300 bar - 4351 psig
WORKING PRESSURE	Diameter 220 mm - 8.66"
	205 Kg / 452 lb

STANDARD



Gauges



Tank storage
diameter 220 mm - 8.66"



Filling hoses
for din 300 bar
4351 psig

OPTIONAL



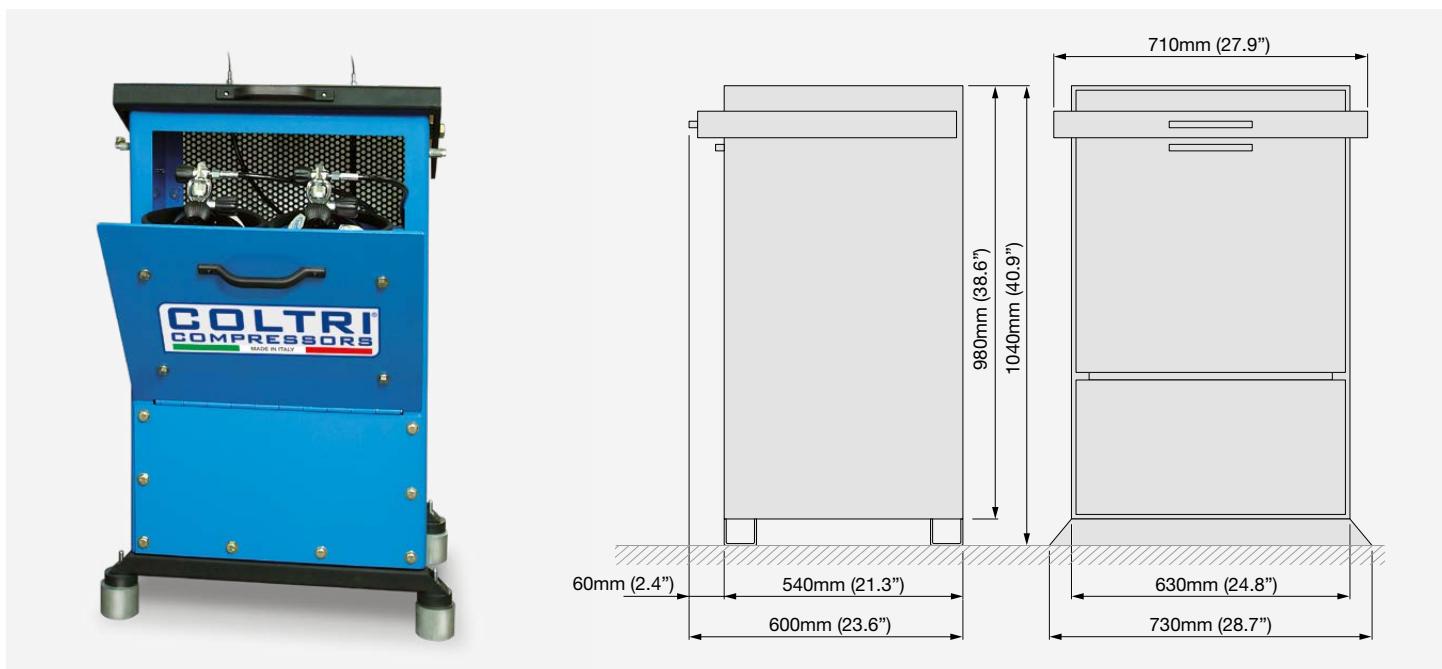
BC DIN 232 bar - 3365 psig
BC DIN 300 bar - 4351 psig
2 valves BC (Pag. 65)



BC INT
(Pag. 65)



DIN/INT FITTING
(Pag. 65)



FILL CONTAINMENT CABINET MULTIPLE FILL WITH SWING DOOR



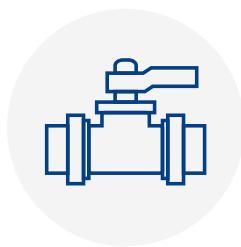
TECHNICAL DATA

FILLING CONNECTION
TANK STORAGE
WORKING PRESSURE

FILL CONTAINMENT CABINET

DIN 300 bar - 4351 psig
Diameter 220 mm - 8.66"
500 Kg / 1102.3 lb

STANDARD



Charging and pressure management valves



Gauges



Tank storage
diameter 220 mm - 8.66"



Filling hoses
for din 300 bar
4351 psig

OPTIONAL



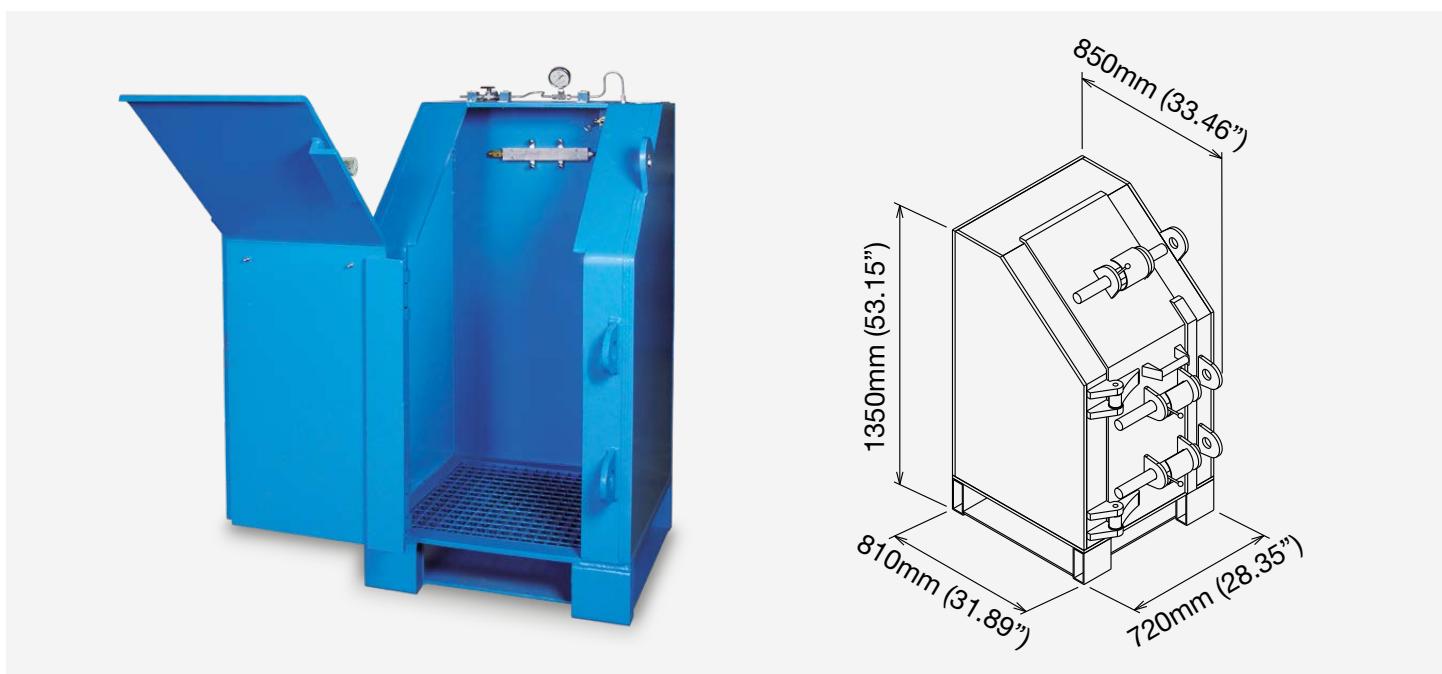
BC DIN 232 bar - 3365 psig
BC DIN 300 bar - 4351 psig
2 valves BC (Pag. 65)



BC INT
(Pag. 65)



DIN/INT FITTING
(Pag. 65)



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