

# **CNG**

## **FILLING STATIONS**





height 105 cm / 41.3"



GAS INLET  
3/4" F

EXIT CNG  
TO CAR TANK  
5 mt / 16 feet HOSE  
AND FILLING NOZZLE

MCH 5 CNG

**COLTRI**  
COMPRESSORS

depth 67 cm / 26.3"

width 70 cm / 27.5"

REMOTE ELECTRIC PANEL THREE-PHASE  
height 40 cm / 15.7" width 30 cm / 11.8"  
depth 20 cm / 7.8"



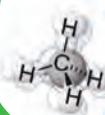
REMOTE ELECTRIC PANEL SINGLE-PHASE  
WITH FREQUENCY DRIVE  
height 50 cm / 19.6" width 32 cm / 12.5"  
depth 25 cm / 9.8"  
EQUIPPED WITH 5 METERS ELECTIC CABLE  
LONGER CABLE ON REQUEST



MCH 5 CNG

**COLTRI**  
COMPRESSORS

# MCH5



GASTECHNICA  
**COLTRI**™

SINGLE-PHASE REMOTE ELECTRIC PANEL  
WITH FREQUENCY DRIVE

INVERTER

COOLING FAN  
WITH ANTISTATIC BLADES

MAXIFILTER  
WITH MOLECULAR SIEVE  
AND ACTIVATED CARBON

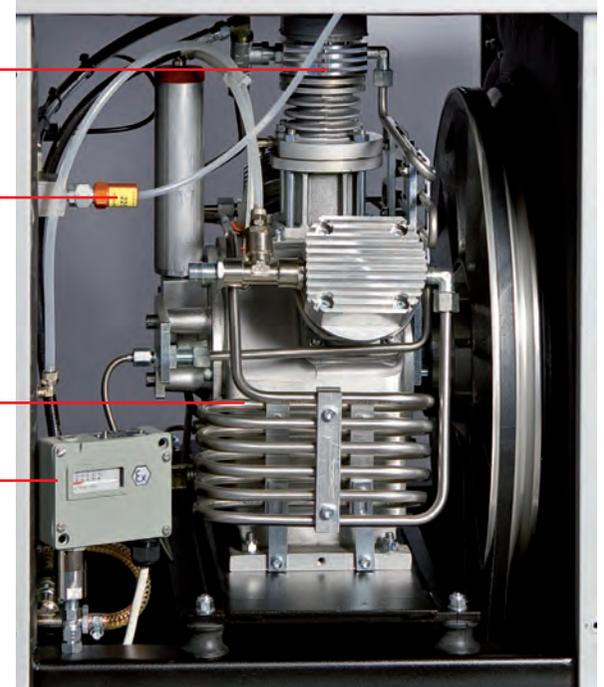


HIGH PRESSURE STAGE

SAFETY VALVE

STAINLESS STEEL INTERCOOLERS

INTERSTAGE PRESSURE SWITCH  
(2nd STAGE PROTECTION)

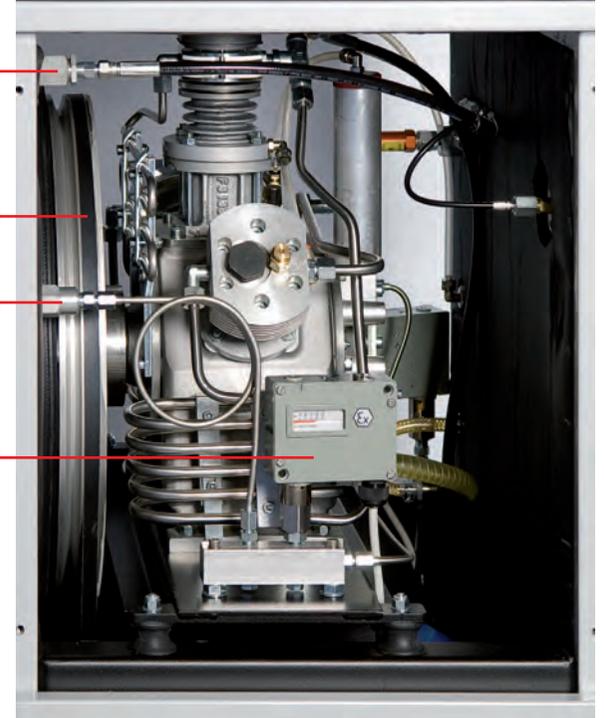


MAXIFILTER OUTLET

ANTISTATIC BELT DRIVE

MAXIFILTER INLET

FINALE PRESSURE SWITCH  
(AUTOSTOP)



*FILLING TIME TANK 80 Liters (Kg 11.5) - 0/200 Bar : 3 h*

*WORKING PRESSURE : 200 Bar - 2900 Psi or 250 Bar - 3800 Psi*

*DRIVEN BY : three-phase or single-phase electric motor (Atex certified)*

*POWER : three-phase 3 Kw (230 V - 50/60 Hz, 400 V - 50 Hz)*

*single-phase 3 Kw (230 V - 50 /60 Hz)*

*DIMENSIONS : height 105 cm / 41.3"*

*width 70 cm / 27.5" - depth 67 cm / 26.3"*

*DRY WEIGHT : 160 Kg / 352 lbs*

*NOISE : 65 dB (at 1 m distance)*

*N° STAGES AND CYLINDERS : 3*

*LUBRICANT : Coltri Oil CE 750*

*FRAME : powder coated steel*

*SAFETY PRESSURE SWITCH : 1 last stage, 1 interstage*

*INTERSTAGE COOLERS AND AFTER COOLERS : stainless steel*

*FILTRATION : maxifilter with molecular sieve and active carbon*

*MIN/MAX SUCTION PRESSURE : 17 mbar - 200 mbar*

*DELIVERY TEMPERATURE : ambient temp. + 5° C*

**FORCED AIR COOLED**

**COMPRESSOR RPM : 1240**

**85 L/MIN**

**5 M<sup>3</sup>/H**

**3 CFM**



height 105 cm / 41.3"



depth 67 cm / 26.3"

width 70 cm / 27.5"



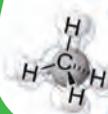
REMOTE ELECTRIC PANEL  
height 40 cm / 15.7" width 30 cm / 11.8"  
depth 20 cm / 7.8"



MCH 10 CNG

**COLTR I**  
COMPRESSORS

# MCH 10



GASTECCNICA  
**COLTRI**™

COOLING FAN  
WITH ANTISTATIC BLADES

MAXIFILTER  
WITH MOLECULAR SIEVE  
AND ACTIVATED CARBON



SOUNDPROOF ISOLATION  
(FLAME PROOF)

3rd STAGE HIGH PRESSURE CYLINDER

SAFETY VALVE

COMPRESSOR OIL LEVEL

STAINLESS STEEL INTERCOOLERS

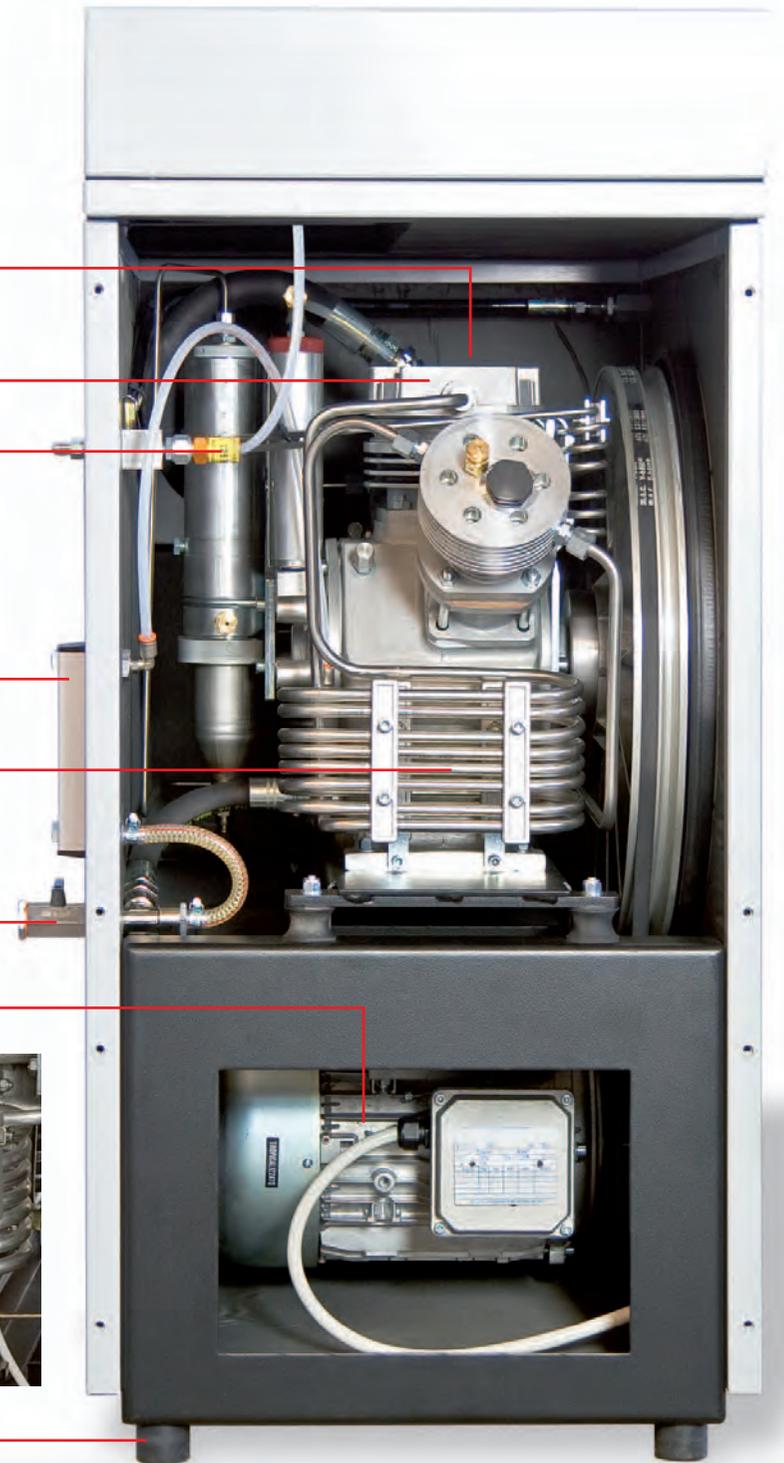
OIL DRAIN

ATEX MOTOR 4 Kw THREE-PHASE

PRESSURE SWITCH  
FOR AUTOSTOP



RUBBER FEET



*FILLING TIME TANK 80 Liters (Kg 11.5) - 0/200 Bar : 1.5 h*

*WORKING PRESSURE : 200 Bar - 2900 Psi or 250 Bar - 3800 Psi*

*DRIVEN BY : three-phase electric motor (Atex certified)*

*POWER : 4 Kw (230/400 V - 50/60 Hz)*

*DIMENSIONS : height 105 cm / 41.3"*

*width 70 cm / 27.5" - depth 67 cm / 26.3"*

*DRY WEIGHT : 180 Kg / 396 lbs*

*NOISE : 70 dB (at 1 m distance)*

*N° STAGES AND CYLINDERS : 3*

*LUBRICANT : Coltri Oil CE 750*

*FRAME : powder coated steel*

*OIL/MOISTURE SEPARATORS : interstage and final*

*SAFETY PRESSURE SWITCH : last stage*

*INTERSTAGE COOLERS AND AFTER COOLERS : stainless steel*

*FILTRATION : maxifilter with molecular sieve and active carbon*

*MIN/MAX SUCTION PRESSURE : 17 mbar - 200 mbar*

*DELIVERY TEMPERATURE : ambient temp. + 5° C*

**FORCED AIR COOLED**

**COMPRESSOR RPM : 1300**

**150 L/MIN**

**9 M<sup>3</sup>/H**

**5 CFM**



REMOTE  
ELECTRIC PANEL  
height 60 cm / 23.6"  
width 40 cm / 15.7"  
depth 20 cm / 7.8"

SUCTION CONNECTOR VALVE TO NATURAL GAS PIPELINE

INTAKE GAS FILTER

CONDENSATE DRAIN TANK

COMPRESSOR OIL LEVEL

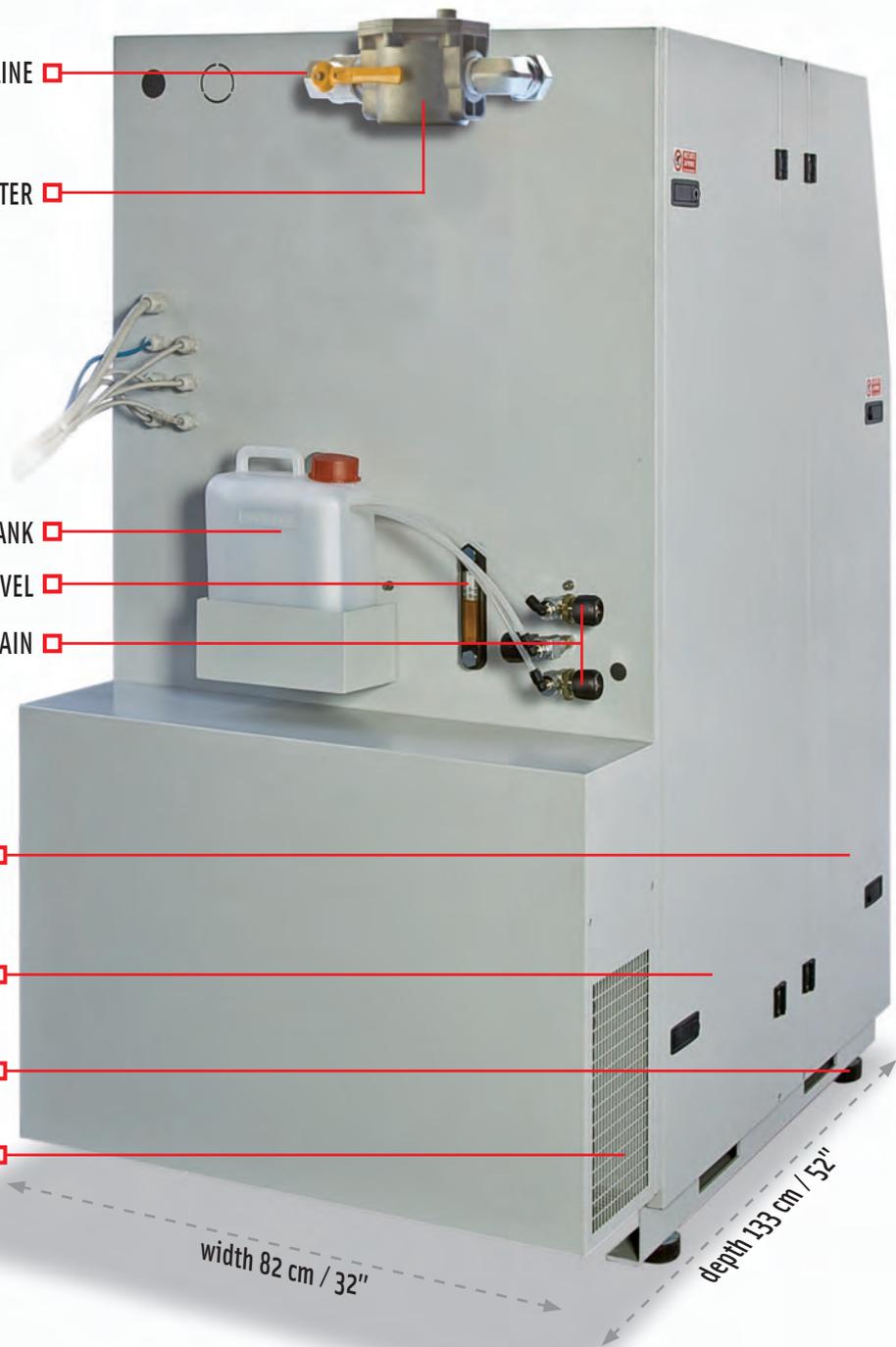
MANUAL CONDENSATE DRAIN

OPENABLE  
PANEL

OPENABLE  
PANEL

RUBBER  
FEET

AIR  
COOLING  
INTAKE





**AEROTECNICA COLTRI**

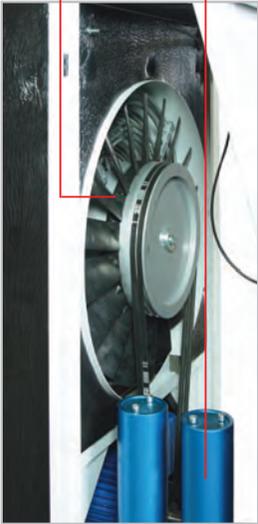
**AEROTECNICA COLTRI**

**MCH  
20-24**

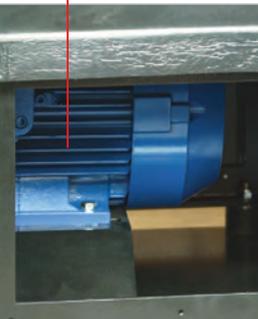


COOLING FAN  
WITH ANTISTATIC BLADES,  
ANTISTATIC BELT

#2 HIGH PRESSURE FILTER  
WITH MOLECULAR SIEVE  
AND ACTIVATED CARBON



EXPLOSION PROOF  
9 Kw  
THREE-PHASE  
ELECTRIC MOTOR



SAFETY INTERSTAGE  
PRESSURE SWITCH  
1st STAGE

SAFETY INTERSTAGE  
PRESSURE SWITCH  
2nd STAGE

4th STAGE  
HIGH PRESSURE CYLINDER

PUMPING UNIT

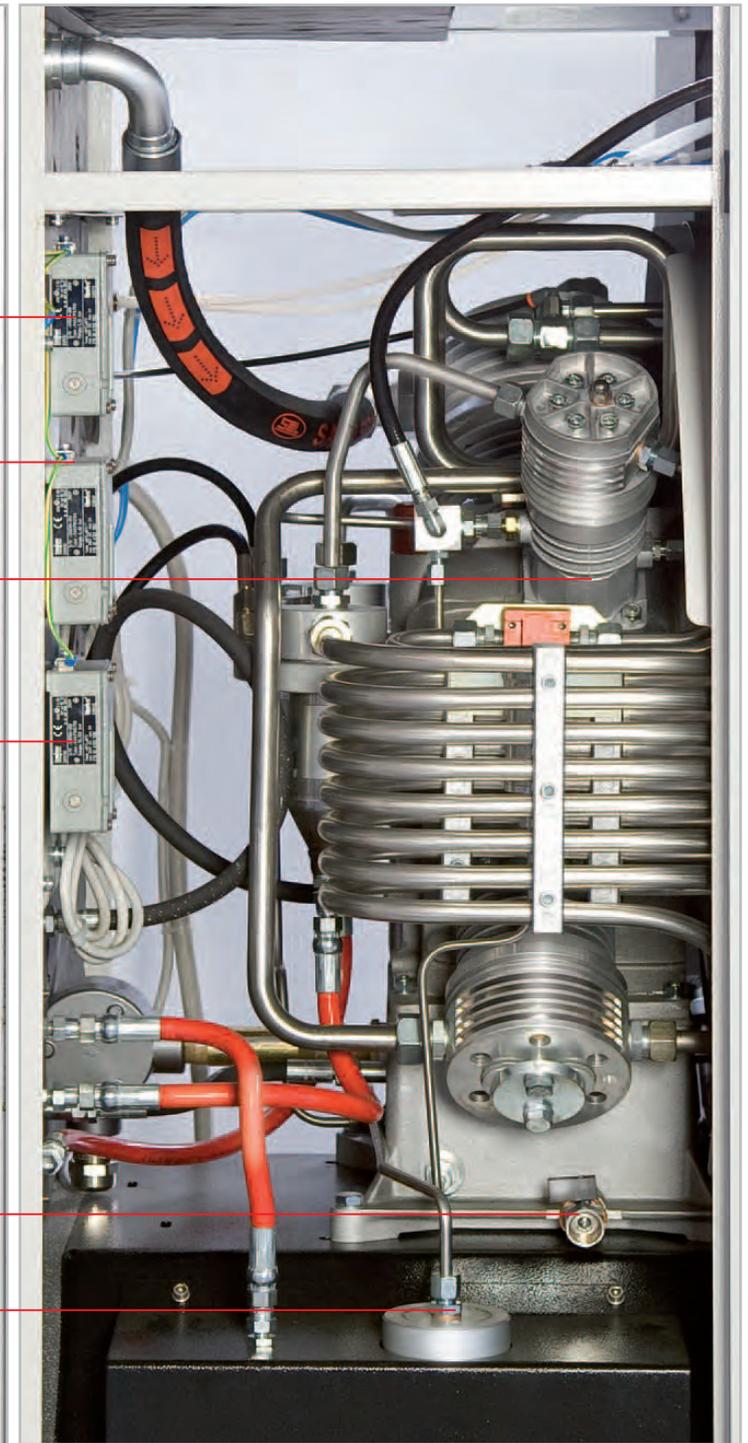
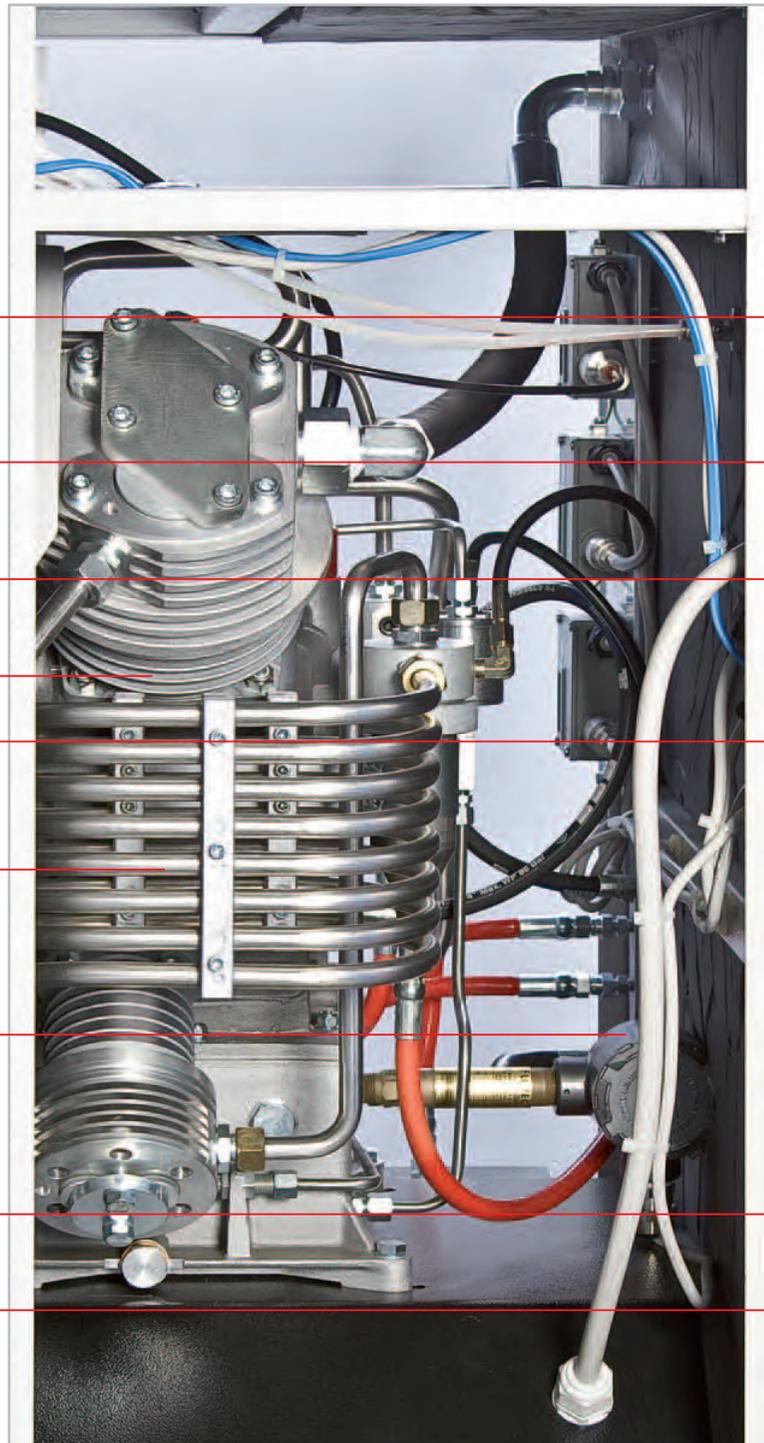
SAFETY INTERSTAGE  
PRESSURE SWITCH  
3rd STAGE

INTERSTAGE  
INTERCOOLER

AUTOMATIC CONTROLLER  
OIL LEVEL  
WITH AUTOSTOP

OIL DRAIN

HIGH PRESSURE  
SEPARATOR



FILLING TIME TANK 80 Liters (Kg 11.5) - 0/200 Bar :

MCH 20 - 48 min / MCH 24 - 37 min

WORKING PRESSURE :

200 Bar - 2900 Psi 250 Bar - 3800 Psi

DRIVEN BY : Three-phase electric motor (Atex certified)

POWER : 9 Kw (230/400 V - 60 Hz) (400/690 V - 50 Hz)

DIMENSIONS : height 179 cm / 70"

width 82 cm / 32" - depth 133 cm / 52"

DRY WEIGHT : 420 Kg / 925 lbs

NOISE : 70 dB (at 1 m distance)

N° STAGES AND CYLINDERS : 4

LUBRICANT : Coltri Oil CE 750

FRAME : Powder coated steel

OIL/MOISTURE SEPARATORS: 3

FILTRATION : 2 Hyperfilter

with molecular sieve and active carbon

SAFETY PRESSURE SWITCH : 3 interstage, last stage

INTERSTAGE COOLERS AND AFTER COOLERS : **Stainless steel**

**MCH 20**

**330 L/MIN**

**20 M<sup>3</sup>/H**

**MCH 24**

**400 L/MIN**

**24 M<sup>3</sup>/H**





NATURAL  
POWER

225 BAR

CNG

COLTRI  
COMPRESSORS

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Technical features and product range, in this catalogue, can be changed  
without pre-notice.  
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