

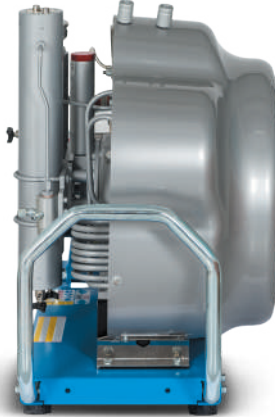
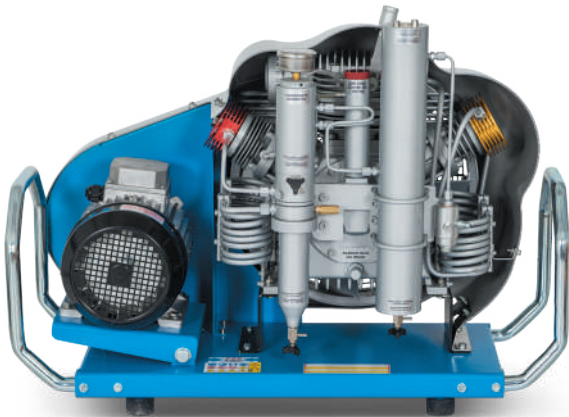
# SMART

LINE: EFFICIENT



## DESCRIPTION

Models of the SMART line are the direct evolution of the STANDARD ones, among the most known and sold in the world. All versions are equipped with two high pressure hose connections (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. As optionals we find the external charging panels and the electric panel complete with its automatisms including the automatic condensate drain and the pressure gauge with autostop.



## DRIVEN BY

Single-phase electric motor  
Three-phase electric motor

## CHARGING RATE

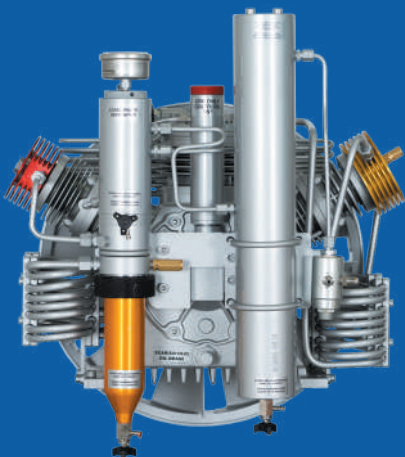
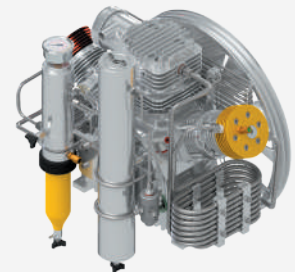
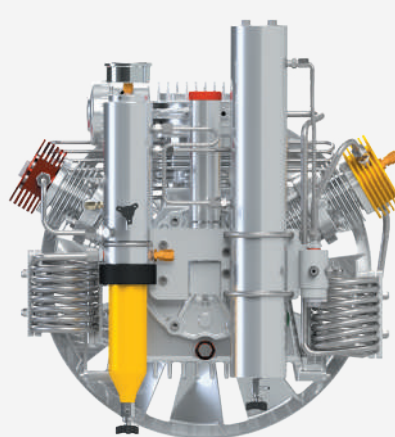
From 135 to 315 l/m

## WORKING PRESSURE

From 232 to 330 Bar

## FILLING TIME\*

From 15 min. to  
6 min. e 20 sec.

MCH 8 STANDARD  
PUMPING UNITMCH 11-13-16 STANDARD  
PUMPING UNIT

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
ENGINE POWER	3 kW - 4 Hp	4 kW - 5.5 Hp	4 kW - 5.5 Hp	5.5 kW - 7.5 Hp
CHARGING RATE	125 l/min - 7.5 m <sup>3</sup> /h 4.4 CFM FAD	195 l/min - 11.7 m <sup>3</sup> /h 6.9 CFM FAD	235 l/min - 14.1 m <sup>3</sup> /h 8.3 CFM FAD	315 l/min - 18.9 m <sup>3</sup> /h 11.1 CFM FAD
FILLING TIME*	16 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 ±5%)

AVAILABLE ON REQUEST: MCH 16 SINGLE-PHASE ELECTRIC MOTOR.





STANDARD

- DRV 232 BAR - 3365 PSIG / DRV 300 BAR - 4351 PSIG  
2 valves DRV  
(P. 51)
- FILLING HOSES  
2 filling hoses 1.2 m - 3.9 ft length
- MAXIFILTER  
Filtration  
(P. 52)

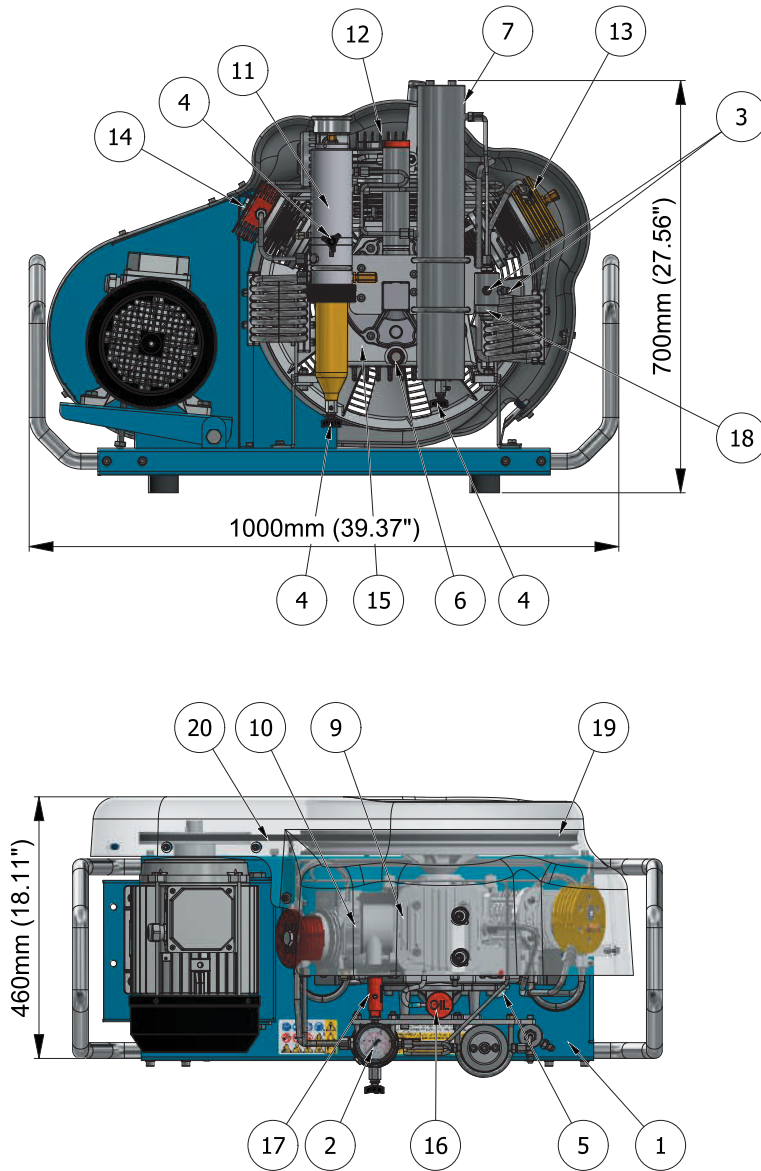
OPTIONAL

- PRESSURE SWITCH  
auto shut-off
- REMOTE FILLING PANELS  
(P. 50)
- DRV 232 BAR- 3365 PSIG /  
DRV 300 BAR - 4351 PSIG  
with pressure gauge  
(P. 51)
- AUTOMATIC CONDENSATE  
DRAIN
- DIN/INT  
Fitting for filling connections  
(P. 51)
- FILLING HOSES  
length: 1.50 m - 2.0 m - 3.0  
m - 4.0 m - 5.0 m - 8.0 m -  
10.0 m

CYLINDERS REFILL

CYLINDERS	LITERS	MCH 8	MCH 11	MCH 13	MCH 16	NUMBER OF REFILLED CYLINDERS PER HOUR
	10	4	6	7	9.5	
	11.1	3.5	5.5	6.5	9	
	15	2.5	4	5	6.5	
	10+10	2	3	3.5	5	

## DIMENSIONS AND MACHINE PARTS



- |    |                         |    |                       |
|----|-------------------------|----|-----------------------|
| 1  | Frame                   | 11 | Condensate separator  |
| 2  | Pressure gauge          | 12 | 1 <sup>st</sup> stage |
| 3  | Refill hoses connection | 13 | 2 <sup>nd</sup> stage |
| 4  | Condensate drain valves | 14 | 3 <sup>rd</sup> stage |
| 5  | Oil level gauge         | 15 | Crankcase             |
| 6  | Oil drain valves        | 16 | Oil filler plug       |
| 7  | Purifier filter         | 17 | Safety valve          |
| 8  | Motor                   | 18 | Maintenance valve     |
| 9  | Compressor              | 19 | Cooling fan           |
| 10 | Air filter              | 20 | Belt                  |