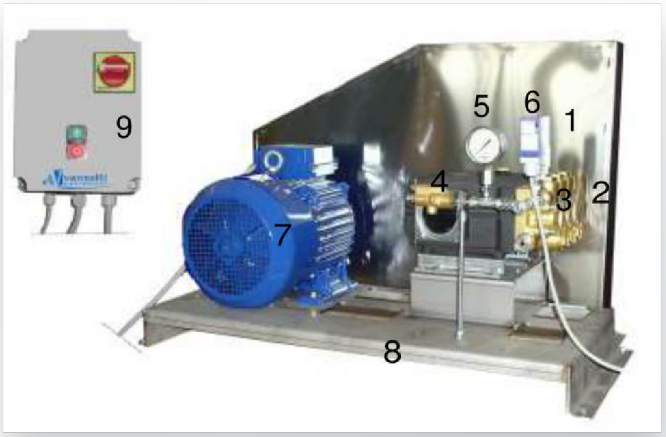
FOR FIRE EXTINGUISHERS AND GAS CYLINDERS

103/D1 model

Highly efficient pump specifically designed to **fill and recover CO_2 from fire extinguishers and cylinders**.



APPLICATIONS

- Particularly suitable in the **fire-fighting** and **industrial gas** fields, and for all applications requiring the transfer of liquid CO_2 from cylinders or bundles.
- Suitable for recovering liquid CO_2 at **ambient temperature** from fire extinguishers or cylinders, when the **hydraulic test** of those containers is required.
- The recovered CO_2 can be stored in a large cylinder/bundle or filled directly into a fire extinguisher.
- By investing a small amount, this pump can also be connected to a **CO_2 tank**.

DESCRIPTION

The 103/D1 model is a highly efficient **three-piston transfer pump**, designed to fill or recover CO_2 from cylinders or fire extinguishers. The pump is installed on a **stainless steel frame** and supplied complete with the service accessories, including a panel box and flexible hoses. On request, the 103/D1 can include an **electronic control scale** to check the operations and a **pneumatic vice** able to safely clamp the fire extinguisher during the filling/recovery operations.

MAIN COMPONENTS

1. 3-piston volumetric pump
2. Pump with alloy OT58 head
3. Inlet and outlet valves in stainless steel
4. Safety valve
5. Filling pressure control gauge
6. High filling pressure limit switch
7. Electrically driven motor
8. Stainless steel base
9. Electrical power board with 24 V controls

Accessories & technical data



STANDARD ACCESSORIES · INCLUDED

- **CO_2 inlet flexible hose** — steel braided PTFE, 2 m long, with cylinder connection.
- **CO_2 filling flexible hose** — steel braided PTFE, 1.7 m long, with shut-off valve and cylinder connection.
- **User manual.**

ACCESSORIES ON REQUEST

DESCRIPTION	MODEL	CODE
CO_2 inlet flexible hose, 2.5 m long	/	MCB/MAL02
CO_2 filling flexible hose, 2.5 m long, complete	/	MCB/MAV02
Electronic filling control scale, 150 kg, 10 g division, weight check only	ETW150	MZWE226
Electronic filling control scale, 150 kg, 50 g division, EEC approved	BE150/50FP600	MZWE007
Manual vice to clamp cylinders on the control scale	VIF/BIL	MZVM002
Pneumatic vice to clamp cylinders on the control scale (only with the BE scale)	AIR4/BIL	MZAP009
Manifold for connecting 3 CO_2 cylinders	C3BB	RGFN205
Rack for 3 CO_2 supply cylinders connected to the C3BB manifold	R3BB	RGFN307
Low-temperature refrigerator for 2 CO_2 supply cylinders	/	MCBE100

AVAILABLE MODELS AND TECHNICAL DATA

TECHNICAL DATA	103/D1	103/D1
FLOW RATE (KG/H)	420	420
MAX. SERVICE PRESSURE (BAR)	100	100
ELECTRIC POWER SUPPLY (V/HZ)	400/50 three-phase	230/50 single-phase
DIMENSIONS (L×W×H - MM)	1000×500×500 ~	1000×500×500 ~
WEIGHT (KG)	100 ~	100 ~

REQUEST A QUOTE · PWENT

Request a quote for the 103/D1 CO_2 pump

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