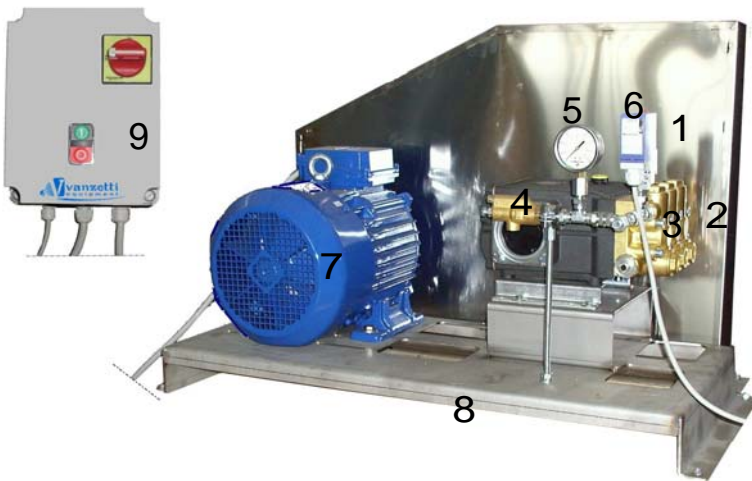


CO₂ Filling and Recovery

103/D1 model

Highly efficient pump specially designed to fill and recovery CO₂ from fire extinguishers and cylinders



Description

Model 103/D1 is a highly efficient 3 pistons transfer pump, designed to fill or recovery CO₂ cylinders or fire extinguishers.

The pump 103/D1 is installed on a stainless steel frame and is complete of the service accessories including panel box and flexible hoses.

On request, 103/D1 model can be completed of an electronic control scale to check the operations and of a pneumatic vice able to clamp in safety the fire extinguishers during the procedures of filling/recovery.

Application

The pump 103/D1 is particularly suitable for use in fire-fighting field, industrial gases field and for all those applications that require to transfer liquid CO₂ from cylinders or bundles.

The 103/D1 is suitable for recovery the liquid CO₂ at ambient temperature from fire extinguishers or cylinders, when it is required to perform the hydraulic test of those containers.

The recovered CO₂ can be stored in a large cylinders/bundle or filled directly into a fire extinguisher.

Further feature of this model is that, with low costs, it can be adapted to connect to a CO₂ storage tank.

COMPONENTS

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

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INCLUDED STANDARD ACCESSORIES

- > CO₂ inlet flexible hose made with stainless steel braided PTFE, 2 meter long, complete with cylinder connection.
- > CO₂ filling flexible hose made with stainless steel braided PTFE, 1.7 meter long, complete with shut-off valve and cylinder connection.
- > User manual



AIR4-BIL allow to clamp fire extinguisher during filling or recovery process

ACCESSORIES ON REQUEST

DESCRIPTION	MODEL	CODE
CO ₂ inlet flexible hose 2.5 meter long	/	MCB/MAL02
CO ₂ filling flexible hose 2.5 meter long complete	/	MCB/MAV02
Electronic filling control scale, 150 Kg. 10g. check weight only	ETW150	MZWE226
Electronic filling control scale, 150 Kg. 50g. EEC approved.	BE150/50FP600	MZWE007
Manual vice for cylinder clamp on control scale	VIF/BIL	MZVM002
Pneumatic vice for cylinder clamp on control scale (available only AIR4/BIL with BE scale)		MZAP009
Manifold for 3 supply CO ₂ cylinders connection	C3BB	RGFN205
Rack for to hold 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 DETAILS

MODEL	103/D1	103/D1
FLOW RATE (Kg/h)	300	300
MAX SERVICE PRESSURE (Bar)	100	100
ELECTRICAL POWER SUPPLY (Volt/Hz)	400/50 three phase	230/50 single phase
DIMENSIONS (LxIxh - mm)	1000x500x500 ~	1000x500x500 ~
WEIGHT (Kg)	100 ~	100 ~

- > PER MAGGIORI INFORMAZIONI:
FOR FURTHER INFORMATION CONTACT:
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