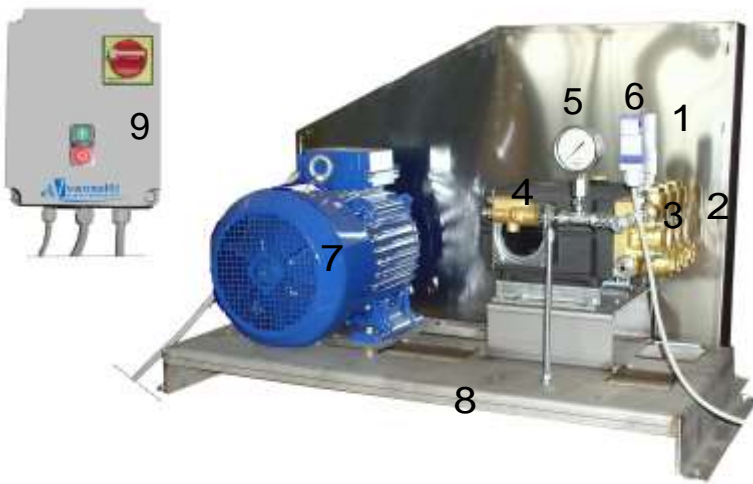


# CO<sub>2</sub> filling and recovery

## 103/D1 model

Highly efficient pump specifically designed to fill and recover CO<sub>2</sub> from fire extinguishers and cylinders



### Description

The 103/D1 model is a highly efficient three pistons transfer pump, designed to fill or recover CO<sub>2</sub> from cylinders or fire extinguishers.

The 103/D1 pump is installed on a stainless steel frame.

It is complete of the service accessories including a panel box and flexible hoses.

On request, the 103/D1 model 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.

### Applications

The 103/D1 pump is particularly suitable to be used in the fire-fighting, industrial gas fields and for all those applications that require to transfer liquid CO<sub>2</sub> from cylinders or bundles.

The 103/D1 is suitable for recovering the liquid CO<sub>2</sub> at ambient temperature from fire extinguishers or cylinders, when it is required to perform the hydraulic test of those containers.

The recovered CO<sub>2</sub> can be stored in a large cylinder/bundle or filled directly into a fire extinguisher.

By investing a small amount, this pump can be connected to a CO<sub>2</sub> 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. Electrically driven motor
8. Stainless steel base
9. Electrical power board with 24 V controls

# CO2 Filling and Recovery



The AIR4-BIL clamps fire extinguishers during filling/recovery operations

## 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

## ACCESSORIES ON REQUEST

DESCRIPTION	MODEL	CODE
CO2 inlet flexible hose 2.5 meter long	/	MCB/MAL02
CO2 filling flexible hose 2.5 meter long complete	/	MCB/MAV02
Electronic filling control scale, 150 Kg. 10g. to check weight only	ETW150	MZWE226
Electronic filling control scale, 150 Kg. 50g. 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 (available only with BE scale)	AIR4/BIL	MZAP009
Manifold for supplying 3 CO2 cylinder connections	C3BB	RGFN205
Rack for holding 3 CO2 supply cylinders connected to the C3BB manifold	R3BB	RGFN307
Low temperature refrigerator for 2 CO2 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
ELECTRIC POWER SUPPLY (Volt/Hz)	400/50 three phase	230/50 single phase
DIMENSIONS (LxIxh – mm)	1000x500x500 ~	1000x500x500 ~
WEIGHT (Kg)	100 ~	100 ~

> PER MAGGIORI INFORMAZIONI:  
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