

CLEAN AGENTS transfer unit

Model 100/103-DUO



UTILITIES

- > Power supply: standard 400V 50Hz 3ph (other power supplies on demand)
- > Pneumatic supply: not present
- > N2 supply for pressurising: standard 50 bar (other pressures on demand)

STANDARD EQUIPMENT

- Users' manual
- EU Declaration of Conformity

No specific connections are provided to connect the unit to the receiving valve.

No specific systems are provided to force the valve opening during filling operations.

Applications

100/103 DUO has been conceived for:

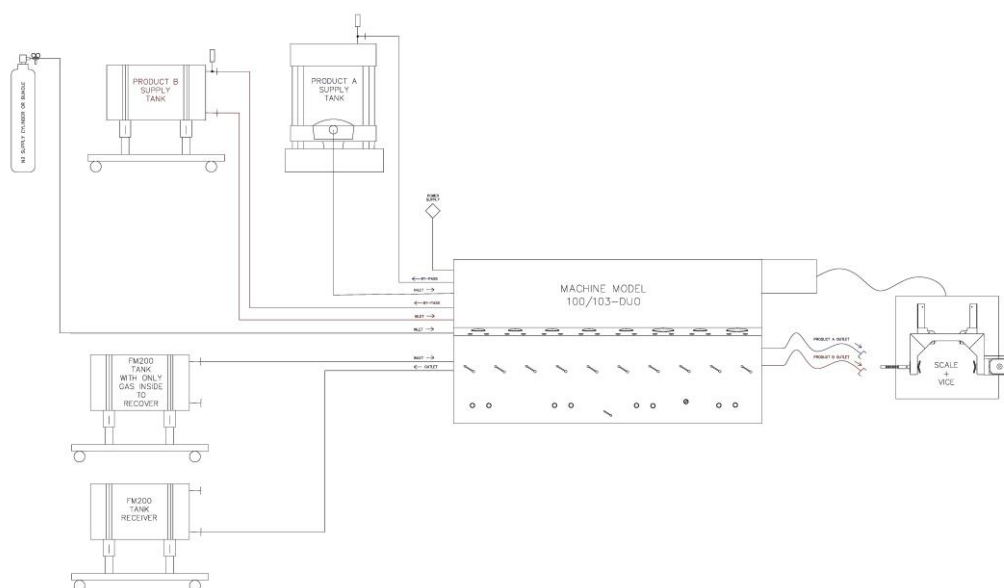
- Transferring the clean agents from not pressurised tank
- Pressurising with Nitrogen after transferring the clean agent.
- Recovering the residual gaseous FM200 from the source tank.

The unit is equipped with two independent circuits that allow the transfer of two different clean agents, avoiding any contamination. You can transfer one only product at a time.

Moreover, the unit is equipped with a third circuit for recovering the gaseous FM200. Residual gaseous FM200 recovery and liquid clean agent transfer cannot be run/performed simultaneously.

The unit has not been conceived to recover the clean agents starting from pressurised cylinders.

Model 100/103-DUO



CONNECTIONS

- > Product A supply: 1/2" pipe type l=2000 - 3/4" connection BSPP flat seal
- > Product B supply: 1/2" pipe type l=2000 - 3/4" connection BSPP flat seal
- > Product A by-pass: 3/8" pipe type l=2000 - 3/8" connection BSPP flat seal
- > Product B by-pass: 3/8" pipe type l=2000 - 3/8" connection BSPP flat seal
- > Recovery section inlet: 3/8" pipe type l=2000 - 3/4" connection BSPP flat seal
- > Recovery section outlet: 3/8" pipe type l=2000 - 3/4" connection BSPP flat seal
- > N2 supply: 3/8" pipe type l=2000 3/8" connection BSPP swivel 60°
- > Products A & B filling / pressurisation: 3/8" pipe type l=2000 3/4" connection BSPP flat seal



ACCESSORIES ON DEMAND

- > Electronic control scale to check filling operations, interconnected with the unit to stop the filling at the reached weight.
- > Pneumatic vice for scale installation, to clamp the cylinders during filling operations.
- > 40 m3/h vacuum pump to vacuumize the cylinders before filling operations.

TECHNICAL SPECIFICATIONS

MODEL	100/103-DUO
CODE	MFBE012
PUMP SPECIFICATIONS	
FLOW-RATE (Kg/min)	Up to 8
MAXIMUM WORKING PRESSURE (bar)	50 bar
RECOVERY SECTION SPECIFICATIONS	
FLOW RATE (Kg/min)	0,7
RECOVERY EFFICIENCY (%)	APPROX 90
OVERALL SPECIFICATIONS	
POWER (kW)	9
DIMENSIONS (LxIxh) (mm)	1500 x 650 x (h) 1600
WEIGHT (Kg)	500

> PER MAGGIORI INFORMAZIONI:
FOR FURTHER INFORMATION CONTACT:
POUR INFORMATIONS CONTACTER:

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