

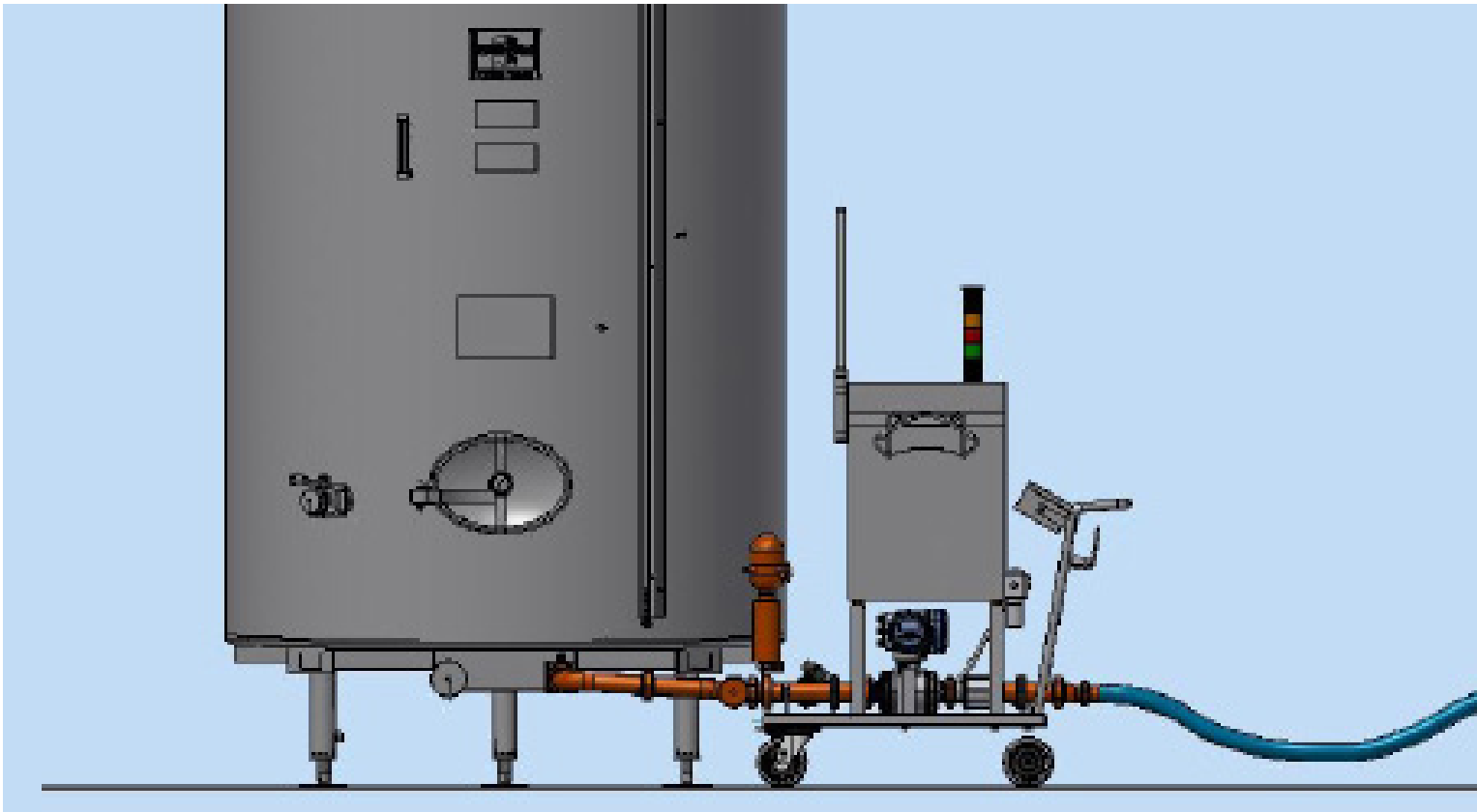
«WIFI SAFE TRANSFER» CARTS



Securing

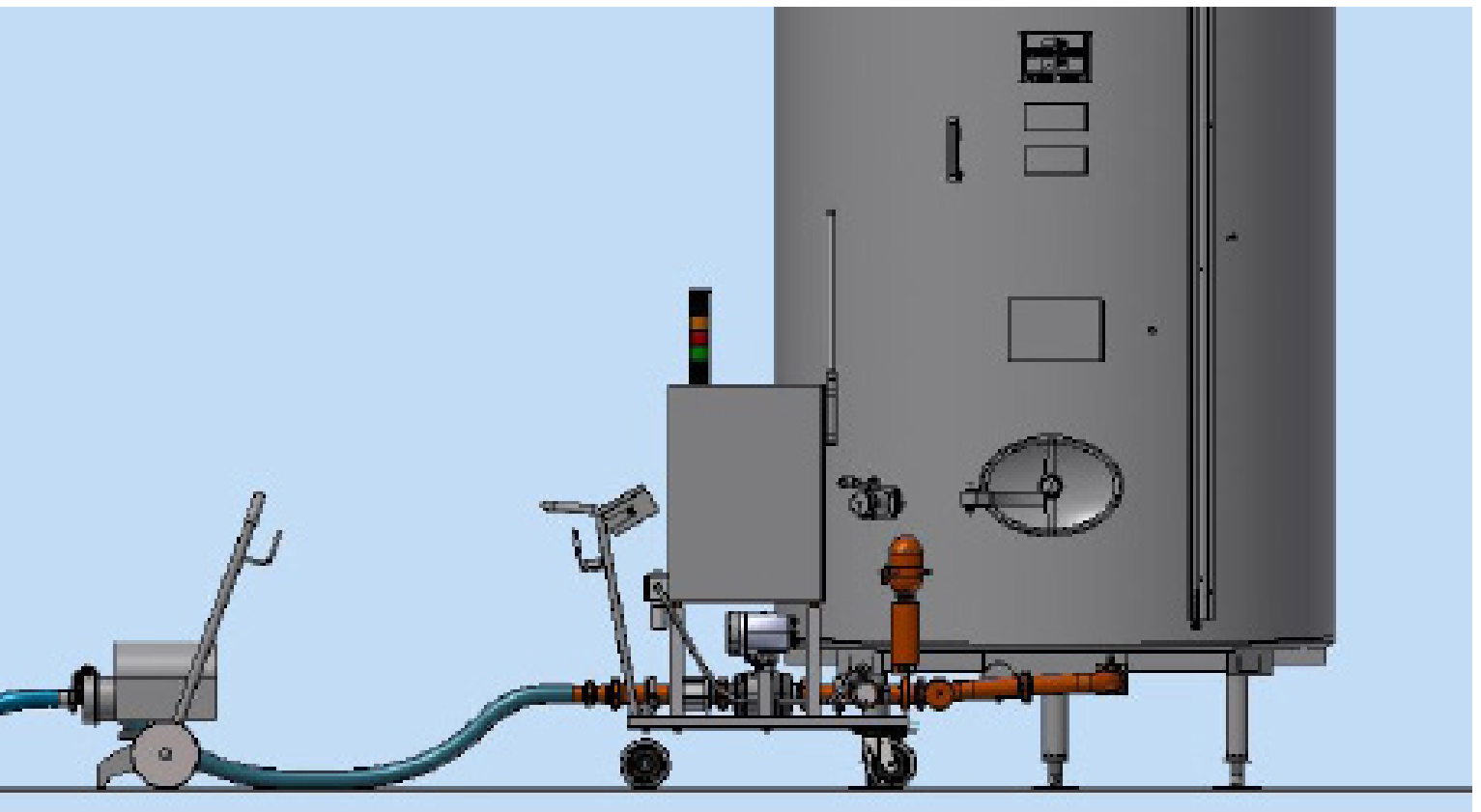
Metering

Assembling



Applications - Functionalities

- Secure liquid transfers via hoses by comparison of inflow and outflows at each end of the circuit.
Aim : to automatically isolate upstream and downstream tanks by on-board pneumatic valves in the event of hose perforation or connector leaks.
- Flow between 5m³/h and 40m³/h.
- Connection of customer transfer pumps and slaving to the opening of cart on-board valves.
- Unattended day or night transfers (end of transfer automated by valve closing and pump shutdown) with metering of volumes transferred (e.g.: in the case of assemblies).
- Precise metering thanks to a latest generation electromagnetic flowmeter
Option: Assembly programming towards multiple tanks.
- Automatic air venting at the start of transfer, end of transfer emptying by air/CO₂/nitrogen blowing depending on the fluid available.
- Automatic handover by blowing at end of transfer to tank in draw-off mode.
- PLC-controlled carts with operator terminals for electronic traceability of transfers, volumes and faults.
Option: Traceability reporting to a workshop supervisor.
- Cleaning in place of carts and hose via customer CIP.
- Both carts are strictly identical and can be indifferently used for tank draw-off or filling.



All stainless steel assembly,
grade 1.4404 for parts in
contact with the solution

No contamination
prone areas

1 all stainless steel chassis,
4 casters,
2 swivel-casters with brake,
1 push bar

Fully
mobile system

Ease of use,
versatile equipment,
ready to use

Fully cleanable

Units assembled, wired and
tested in our workshops

Technical characteristics

- Latest generation electromagnetic flowmeter with 0.5% metering precision, no head loss or mechanical parts.
- Dialogue between upstream and downstream carts by WiFi transceivers, range: 100 m in a conventional industrial environment.
- Control of a customer pump, 400 V 3-phase, max. power 7.5 kW with optional speed control.
- Rapid response pneumatic butterfly valve that immediately closes the circuit in the event of a leak.
- Gas pressure relief valve for circuit drainage by blowing.
- Inlet and outlet, 63 SMS neck mounting (all connector types by request).
- PLC with 5.7" touch screen interface providing quick access to the various features.
- Stainless steel electrical equipment cabinet.
- View lens for checking liquid flow and condition.

Together bring life to your projects

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Certification



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