

DOUBLE CHAMBER EXTERNAL TANK

Double-skin horizontal cylindrical tanks made in S235JR carbon steel according to UNI EN 10025 designed and manufactured in compliance with UNI EN 12285-2, made with shell plates and dished ends; all joints will be submerged arc-welded. The welding procedure complies with EN 288. Tanks are supported by structural steel saddles.

External treatment: tanks are sandblasted, covered with primer and finished with one coating of painting. Each tank will be pressure-tested at 0,7 bar or 0.3 bar for the interstitial space and will be provided with a centesimal calibration table.

This type of double-skin tanks represents an ideal solution for storage or refueling units where safety and environmental protection are required.

Painted in grey RAL7045



***NOMINAL CAPACITY MC 20 (LT. 20,000)

***INTERNAL TANK DIAMETER mm. 2270

***EXTERNAL TANK DIAMETER mm. 2300

***TOTAL LENGTH mm. 5050

***INTERNAL TANK THICKNESS mm. 6

***EXTERNAL TANK THICKNESS mm. 4

Main features:

Ø 600 mm access manhole complete with gasket and bolted cover. Loading access port with lockable quick cap and overfill protection valve.

Complete with:

90% load limiting valve and quick-closing loading cap,

nr. 01 mechanical level indicator

nr. 01 1" 1/4 internal suction pipe and 1" return pipe

nr. 01 1" 1/2 vent

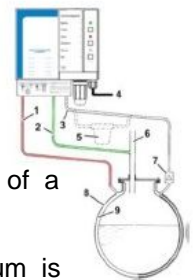
nr. 02 anti-roll saddles

nr. 01 ladder for access to the manhole

Vacuum leak detection system

Leak detector for double-walled tanks used to contain diesel fuel with vacuum operation model EUROVAC:

the device generates a vacuum of 400 mbar inside the cavity, maintaining it, by means of a pump, constantly between pre-established minimum and maximum levels. When a crack, even of very small dimensions, occurs in the external wall or in the internal casing, the vacuum is cancelled and the device emits an acoustic and optical signal.



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