



**CYLINDRICAL LIN/LOX/LAR SWAP BODY UNIT CAP. 8m3 PERLITE INSULATED – PS = 15 bar – ADR COMPL.  
– Π MARKED – WITH PBU**

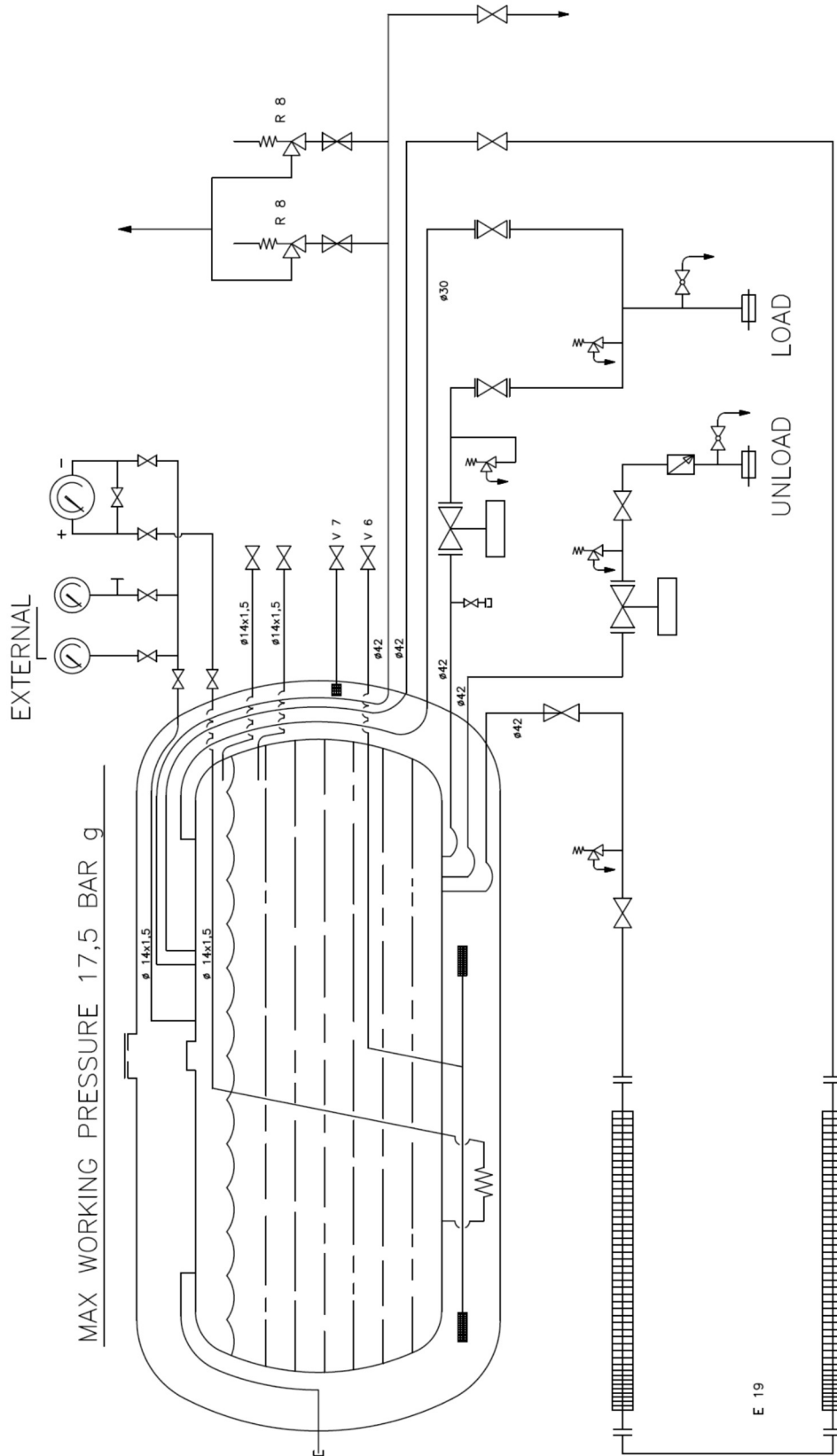


## **TANK DETAILS**

Max. allowable working pressure	15 bar g (plus 1 bar for external vacuum)
Water capacity	8.000 lts (LOX optimized unit for 4x2 truck)
Construction code	ADR2019 / EN 13530
Design temperature	-196°C ÷ +50°C
Test pressure	20,7 bar g
Internal diameter	2.094 mm
Inner tank shell length	1.500 mm
Total length (jacket included)	5.280 mm approx (LOX optimized unit for 6x2 truck)
Tank material	AISI 304 (1.4301)
NDTs:	
RX	100% full penetration welding
PT	100% for welds where RX is not possible



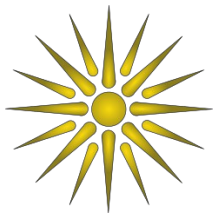
*Dmix International*



*Dmix International* S.p.A.

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C.F./P.IVA 03610350542 REA PG301726



The tank will be equipped with: - no. 1 baffle welded to shell (according to ADR)  
- no. 1 continuous saddle per each side

Insulation:  
double wall tank, insulation under vacuum with perlite.

Max. allowable pressure in the hollow space:  
- 0,05 mbar (measured at cold state)  
- 0,1 mbar (measured at warm state)

Outer jacket in carbon steel S235JR+AR STANDARD BASEPLATE FOR 10' CONTAINER. **NO CUSTOMER LOGO OR SPECIAL EXTERNAL PAINTING IS INCLUDED**

### TRANSFER EQUIPMENT

As per details in attached P.&I.D. Globe valve brand Thermomess, differential pressure gauge WIKA, pressure relief valves General Instruments. Liquid transfer through lateral high flow rate vaporizer (≈90 lts/min in standard conditions)

### ACCESSORIES

2 x 6 kg. dry chemical fire extinguishers ABC type c.w. PVC holders. An earthing rubber covered strap and automatic reel for conductive discharge of electrostatic charges. Supply and fit, 2 brake locks with chains and brackets. Aluminium EEC compliant rear bumper

### CERTIFICATES / DOCUMENTATION

- 1 - Approval of T-PED notified body for calculation of tank design
- 2 - Approval of T-PED notified body for tank material
- 3 - X-ray certificates approved by T-PED notified body
- 4 - Hydraulic test certificate approved by T-PED notified body
- 5 - Complete test-pack containing material test certificates, third party inspection reports, ultrasonic scan reports, MPI test reports for pressure vessel fittings, manufacturers catalogues, drawings etc.
- 6 - Manual complete with technical and sales information, including part list for all equipments

### PAINTING (EXTERNAL JACKET)

- External sandblasting SA 2" ½
- Primer: zinc phosphate with 40 micron dry film thickness (dft)
- Final coatings: White colour (RAL 9010) 2 coats of polyurethanic paint.