

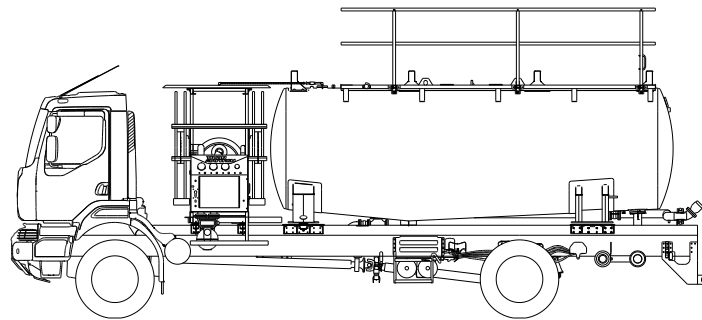


REFUELLING SOLUTIONS

20.000 L (5.000 USG) RIGID AIRCRAFT REFUELLER



SHAPE



OUR STRENGTH

- **SMART Frame** conception (bolted open frames elements)
- Modular Concept
- Frame protected by sandblasting, metallizing, and painting
- All type of EURO generation engine depending on your destination and usage

INNOVATIONS



With TA Databox™ record and analyze your refueling cycles data (option)



REFUELLING SOLUTIONS

20.000 L (5.000 USG) RIGID AIRCRAFT REFUELLER

FULL SPECIFICATIONS

Fuelling performances	<ul style="list-style-type: none">1000 L/min (250 gpm) through the 2" long hose EN1361-C HD type (under wing nozzle)260 L/min (65 gpm) through the 20m long 1"1/2" hose EN1361-C HD type (over wing nozzle)
Compliance	<ul style="list-style-type: none">JIG-1 Edition n°12 january 2016EN 1361-C/API 1529 for hosesAPI/IP for filtrationAPI 1584
Tank	<ul style="list-style-type: none">Single compartment with a capacity of 20000 L (5000 USG) + 5% expansionBiconical shape designConstructed in aluminium 5182 (in accordance with ADR)
Pump	<ul style="list-style-type: none">Centrifugal pumpDriven hydraulically and positioned on tractor chassis right side, outside frame
Filtration	<ul style="list-style-type: none">One filter in total compliance with API/IP norm
Sampling system	<ul style="list-style-type: none">Upstream and downstream filter sampling
Measuring system	<ul style="list-style-type: none">One meter with adapted lighting for night refuelling and defuelling operations
Hose reel	<ul style="list-style-type: none">Hose reel of Titan Aviation conceptionDriven hydraulically and without chain
Regulation	<ul style="list-style-type: none">Primary : hose end pressure control valve (HEPCV)Secondary : inline pressure control valve (ILPCV)
Functions control	<ul style="list-style-type: none">Functions handled by latest generation of expandable Program Logic ControllerAll electric lines numbered on both ends and through weather tight harnesses
Weight and dimensions (roughly)	<ul style="list-style-type: none">Dimensions (L x W x H) : 10000 x 2500 x 3500 mmWeight (GVW) : 27000 kg
Anticorrosive	<ul style="list-style-type: none">Frame protected by sandblasting, metallizing, and painting
Safety	<ul style="list-style-type: none">Intermittent/timer controlled deadman, with buzzer sound and deadman activation light, and to allow full rated flow at no less than 5(s)Interlock system in fail-safe configurationComplete electric continuity on unit with required bonding strapsEmergency stop on each side of the vehicleSpeed limitation at 25 km/h in accordance with airport regulations, weight calculations, and JIG recommendationsInterlock / override light stack on truck dashboard fully viewable from outside for increased safety2 extinguishers BC dry powder type (9kgs) with support on each side of the vehicle