

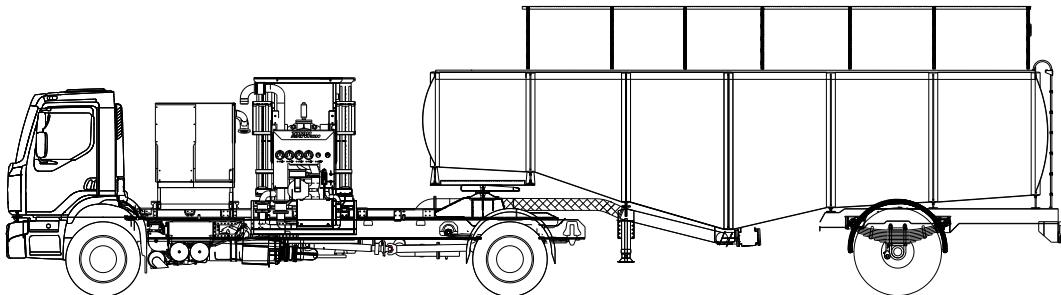


REFUELLING SOLUTIONS

40.000 L (10.600 USG) SEMI TRAILER REFUELLER



SHAPE



OUR STRENGTH

- **SMART Frame** conception (bolted open frame elements)
- **Single axle design at the rear to save rubber tires**
- **Tank capacity expandable up to 45000 L (11800 USG) with a single axle**
- **Low profile design in option**

INNOVATIONS



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



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40.000 L (10.600 USG) SEMI TRAILER REFUELLER

SPECIFICATIONS

Fuelling performances	<ul style="list-style-type: none">3800 L/min (1000 gpm) through two 2"1/2 deck hoses EN1361-C HD type (uwing nozzles)1200 L/min (300 gpm) through 20m 2" long hose EN1361-C HD type (under wing nozzle)
Defuelling performances	<ul style="list-style-type: none">400 L/min (100 gpm) through the underwing nozzle lines by suction alone1200 L/min (300 gpm) capability through the underwing nozzle lines through aircraft booster
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">Semi-trailer low profile design tankSingle compartment with a capacity of 40000 L (10600 USG) + 5% expansionIn 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">Two meters 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
Elevating platform and ladder	<ul style="list-style-type: none">Scissor type hydraulically operatedElevation of platform ground up to 4,20m height, for operations up to 6,00m height
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 (approximately)	<ul style="list-style-type: none">Dimensions (L x W x H) : 15500 x 3000 x 3500 mmWeight (GVW) : 50000 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 vehicle and on platformElevating platform equipped with 2 wing detectorsSpeed limitation at 25 km/h, in accordance with airport regulations, weight calculations, and JIG recommendationsInterlock / override light stack on truck dashboard fully viewable from outsideInterlock acting on chassis and semi-trailer breaking systems2 extinguishers BC dry powder type (9 kg) with support on each side of the vehicle