

**HEADQUARTER**  
**Engineered Land Systems**

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**BUILT TO PERFORM**







## COMPANY PRESENTATION

From the experts of the tactical vehicles, engineering bodybuilders and leaders of worldwide innovative ideas ENGINEERED LAND SYSTEMS, arise a new project called ELS Aviation. Specialized in design and manufacturing tailormade aviation refuelling equipment's. Vehicles design to work around the clock at any type of airport or airbase, in any weather condition, from the heart of a city to the most remote location and difficult terrains, to fulfill your mission, to satisfy your demands.



### FLEXIBILITY

Choose HOW, WHEN and WHERE. We adapt to your needs from now on, in contrast to mega corporations which cannot do it.



### WORLDWIDE

Think Global, Act Local. NO DISTANCES - NO LIMITS we are International. We have born, grown and learned from it. We are closer than you can imagine.



### INNOVATION

Yes, we can. Express everything you have on your mind. Tell us what you need and if it has not been created yet, we will make it real. Ask us. Test us. Challenge us.



# DIFFERENT CONFIGURATIONS

## BOWSER TRUCKS

Our rigid refuelling truck is a perfect combination of aviation fuel supply and mobility. Capacities are from 5.000 to 30.000 litres with 2,3 or 4 axles trucks.



## HYDRANT DISPENSER

In different widths with different possibilities of supply in platform and reels. Up to 3.800 lpm with the brand new FWS generation.





## DRAW BAR TRAILER

If you need more quantity of fuel to increase the volume with the same vehicle, draw bar trailer with 2 or 3 axles from 20.000 to 45.000 litres is the most demanding configurations in this type of conversions.



## SEMITRAILERS

ELS semitrailer refuelling units are manufactured from 20.000 litres to 65.000 litres of capacity with or without platform or turning ring, extra width, bi- or tri-conical and all type of rates and means.





# SPECIAL VEHICLES

## Hydrant pit cleaning trucks

Unused and contaminated hydrants in upper and lower points can be put into operation due to the truck system with fuel tank, vaccum tank and water tank with water pressure cleaning, checking and blowing systems

## Road tanker

From 1 to 3 axles configurations which allows to transport from 5.000 litres to 40.00 litres of fuel on the road

## Vaccum truck

Our vaccum tracker is equipped with a powerfull pumping system to work in the most demanding scenarios. Capacities from 2.000 litres to 16.000 litres

## Bitumen truck

Made of stainless Steel with isolation and security discharge systems. From 5.000 to 40.000 litres

## Marine Fuel

In 1,2 or 3 axle configurations, from 20.000 litres to 40.000 litres capacity in stainless steel or aluminium and with isolation

# TACTICAL REFUELLER

We are specialised in AWD (military tactical refuellers). This option is perfect for small aircrafts and helicopters when high mobility and heavy duty construction are demanding. Large tankers in rigid or semitrailer configurations are manufactured to satisfy logistic needs and activities. All of

them are designed and manufactured according military approach and standards. uel for your large trip. There are different capacities, what you could choose depend your needs. The capacities are between 25.000 to 60.000 litres.





# LOCAL INTEGRATION MODULE KITS



## THINK GLOBAL, ACT LOCAL

ELS also designs refuelling modules which integrates the dispensing lines, filtering system, control and safety. This concept allows to make offshore assemblies where a metallic tank can be manufactured and integration between ARM, truck and tank can be done by local bodybuilders. These modules can be customized for any particular

need and can manage flow rates up to 3800 lpm. Since ARMs are designed for each request, dimensions, fastening, connectivity and finishing (among others) can be easily adapted. AMRs are in compliance to the worldwide regulations and every internal requirements of clients.

# AFTER SALES



## TECHNICAL DOCUMENTATION

Parts catalogues  
Repair Manuals  
Owners Manuals  
Training Documentation in any language

## PARTS

Supply of parts available worldwide for many years to secure readiness of refueller trucks

## TRAINING

Training at factory or customer site for driving and operation for maintenance and repair





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