HYDRANT CARTS

Pioneer of Refuelling Equipment & Support Services

REFUEL INTERNATIONAL



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small physical and low carbon footprint

Refuelling hydrant carts are proven around the world as an effective and efficient method of aviation refuelling. With a small physical footprint and low carbon footprint, they are gaining popularity at the world's busiest airports, reducing congestion on the tarmac, and saving time and money for operators.

Refuel International Hydrant Carts contain equipment for accomplishing fuel transfers between a bulk storage hydrant fuelling system and an aircraft. It uses fuel pressure and electronics to operate the flow control. Electric interlocks are used to prevent flow operation of cart unless the brakes are set. A mechanical meter / register is also used. The electric power is supplied by a battery, which is charged by two solar panels.

The fuelling system consists of hoses and nozzles to connect to the hydrant and aircraft, a fuel monitor to filter fuel and remove water, a meter/register to measure the fuel being dispensed, a control valve, hose reel, plus various pipe weldments and couplings.

narrow body hydrant cart

Refuel International Narrow Body Cart is designed to refuel narrow-bodied aircraft. It is all-electric, powered by a simple, efficient fuel-flow driven generator and battery, a design which out-performs conventional systems.



wide body hydrant cart

Refuel International Wide Body Cart is designed to refuel wide-bodied aircraft. While having a low profile, this cart is also a high-reach unit with a scissor-lift type elevating fuelling deck. The cart is powered by diesel engine coupled with a hydraulic pump supplying all the cart systems. It can be easily steered and accurately positioned for fuelling via a deck or hose reel.

