

## 1500 LPM NARROW BODY CART

The hydrant cart is designed for fuel servicing of aircraft at commercial airports. It contains equipment for accomplishing fuel transfers between a bulk storage hydrant fueling system and an aircraft.

The hydrant cart uses air pressure and electronics to operate the flow control.

The fueling system consists of hoses and nozzles to connect to the hydrant and aircraft, a fuel monitor to filter and remove water, a meter/ register to measure the fuel



being dispensed, a control valve, a hose reel, plus various pipe weldments and couplings.

The electrical system consists of two solar panel, two 12 volt batteries, solar charge controller, master disconnect switch, interlocks, beacon (revolving light), and various switches/ buttons.

### WE CUSTOMIZE OUR BEST PRODUCT WITH :

#### Excellence Quality



We have established and implemented ISO 9001:2008 for Quality Management Systems. We are certified for S, U, U2, U3 stamp (first in South East Asia to be certified for boiler and pressure vessels by ASME), and also achieved NB and R symbol from The National Board of Boiler & Pressure Vessel Inspector.

#### Highest Technology



Through a significant investment in equipment and machinery technology combined with skillful resources, we will provide quality and value added products to your company on a competitive scale to world class standard.

#### Priority of Safety



We have established and implemented OHSAS 18001:2007 and ISO 14001:2004 which aims to manage health, safety, and environmental aspects in every working process in our company.

#### After Sales Services Support



We offer you limited warranty service free of charge with various time periods depending on the type of product. Moreover, we can keep stock of all the spare part in your workshop for the products we sell to you.

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# AVIATION FUELING EQUIPMENT



**PT Sanggar Sarana Baja**, is an engineering and manufacturing company engaged in designing transport and process equipment for Oil & Gas, Petrochemical, Mining and Power Generation Industries. We also provide business services that vary from remanufacturing components of heavy equipment as well as welding and machining services on-site.

Our expertise and proven results since 1977 has helped us built our reputation. Currently we are present in more than 10 sites across Indonesia.





## 12, 16 & 25 KL REFUELING MODULE

The Aviation Refueler is designed for efficiency and safety when refueling applicable aircraft using fuel from the refueler's own product tank. The unit's primary function is transferring fuel from a tank into the aircraft via a pump and filter monitor through a Liquid Controls M25 meter and underwing hose reel and nozzle. The unit is also capable of transferring fuel from the

aircraft to its own product tank via pump and the underwing hose reel and nozzle.

Safety features include a brake interlock (vehicle immobilization) system, emergency interlock override, emergency fuel stop button, and emergency engine stop buttons. Many more safety and efficiency-improving functions are provided.



## 40 KL REFUELING MODULE

The articulated Aviation Refueller is designed for efficiency and safety when refuelling applicable aircraft using fuel from the refueller's own product tank (40,000 Litre trailer). A tank overfill protection system is installed with in-tank sensor probes and a contents level gauge is fitted in the side-wall of the tank, operator side. The unit's primary function is transferring fuel from its tank into the aircraft via a 2000 lpm **Gorman Rupp\***

centrifugal Pump an 2270 lpm **Velcon\*** Filter Monitor, LC M60 meter and register and **Carter\*** underwing nozzles.

Safety features include Brake Interlock (vehicle immobilisation) System, Emergency Interlock Override, Emergency Stop/ Fuel shutdown buttons and much more.

*\*or equivalent brand/model*



## 300 GPM (1,100 LPM) HYDRANT DISPENSER

The Hydrant Dispenser is designed for efficiency and safety when refuelling aircraft using the airport underground hydrant system. The unit's primary function is transferring fuel from the hydrant into the aircraft, via an **LC M25-2** meter, Liquip **DFV102** electronic meter register and **Velcon\* HFM-1030-10** Filter Monitor.

Safety features include electric Deadman handles, Brake Interlock (vehicle immobilisation) System, Emergency Interlock Over-ride, Emergency Stop/ Fuel Shutdown button & many more safety and efficiency-improving functions are provided.

*\*or equivalent brand/model*



## 1000 GPM (3,800 LPM) HYDRANT DISPENSER

The Hydrant Dispenser is designed for efficiency and safety when refuelling aircraft using the airport underground hydrant system. The unit's primary function is transferring fuel from the hydrant into the aircraft, via an **LC M80** meter, Liquip **DFV102** electronic meter register and **1080 GPM (4,087 LPM) Velcon\*** Filter Monitor.

Safety features include deadman handles, brake interlock (vehical immobilization) system, emergency interlock over-ride, emergency stop/fuelshutdown button, platform wands (engine stop) & many more safetyand efficiency-improving functions are provided.

*\*or equivalent brand/model*