



RELIABILITY SOLUTIONS

Service Bay Hydrocarbon Dispensing Systems

Increased demands on Industry to improve manual handling, oil/fluid cleanliness and reduce service time intervals has seen a progressive shift from dispensing from packaged product to dispensing from bulk containers via a fixed dispensing network throughout workshop facilities.

Industry standards indicate that every time you transfer fluids from one compartment to the next you increase the dirt content by one code/level. Progressive operators are now decreasing the number of transfers by pumping fluids direct from Bulk Containers into the engine and gearbox compartments.

Benefits:

Our designs have been developed as a result of working with some of industries largest users of Service Truck:

1. *Comply to Australian Standard AS 1940*
2. *Reduced fluid spillage from transferring from drums*
3. *No need for storage of drums in workshop*
4. *Reduced residual fluids left in drums*
5. *Improved fluid cleanliness*
6. *Improved house keeping*
7. *Reduce manual handling injuries*



Figure 1 – IBC Storage Stand



Figure 2 – Rail Loco Service Bay

Storage Options:

We design our storage systems to suit our customer's specific needs and include:

1. *IBS's single or double stacked systems*
2. *500, 1000 and 2000 litre SWF tanks*
3. *1000, 2000 and 10,000 litre doubled skin self bunded tanks*

Tanks include options for:

1. *Overfill protection*
2. *Remote level monitoring*
3. *Air cleanliness management, 2 micron breathers*

Service Bay Hydrocarbon Dispensing Systems

Specifications

- Waste oil drain bench and evac back to tank
- Pneumatic or Electric Pumps
- Discharge Filtration
- Grease Filtration
- Dispensing Metering, inline or on the control nozzle
- Hose Reels, Spring or Pneumatic Rewind
- Dispensing Control Nozzles
- SS316 Pipe Reticulation
- Air Service Unit including Oiler/Filter/Regulator
- Positive Isolation Valves, Fluid and Air
- Thermal Relief on Oil Reticulation
- Labeling and Colour Coding
- Pressure Gauges

Features

In addition to our general specification IRS can supply the following:

- Maintaining a number of hose reels in a restricted foot print
- Standardize hose reels / hose sizing
- Batch Meters for precise measurement of volumes
- Filtration on the fill tank fill lines
- Surface Protection, Galvanized or Sandblasted and Painted
- Tank Overfill Protection, Electronic or Pneumatic
- System Pressure Monitoring
- Over Run Shut Down



Figure 3 – Hose Reel with 316 Stainless Steel Piping



Figure 4 – Custom Pumping Station



Figure 5 – Five Reel, Hose Reel Stand