

ABOVE GROUND FUEL TANK



CAPACITY. SAFETY



HORIZONTAL SINGLE WALL TANK

SHIELD certified horizontal single wall tank offers you a reliable solution for your fuel storage requirements. Design and fabrication of these tanks are done as per UL standard (UL 142), and installation and use shall be in accordance with NFPA 30. Each tank is subjected to thorough structural inspections and leakage test as specified by the design standard. The tanks that successfully pass the inspection and test are labelled as per UL specifications confirming their UL certification.

All tanks are provided with openings for filling, connecting to diesel engine fuel system, fuel return line connection and drain. Lifting lug, provided on the top center of the tank, facilitates easy transportation and installation.

CONSTRUCTION FEATURES



Tanks are Designed and Fabricated in accordance with UL 142 (Steel Aboveground Tanks for Flammable and Combustible Liquids) standard .



Tanks are provided with opening for connecting to a direct reading fuel level gauge which are supplied as part of standard fire pump package.



Tanks are provided with vent opening to prevent build-up of pressure or vacuum inside the tank during filling, emptying or due to atmospheric temperature changes.

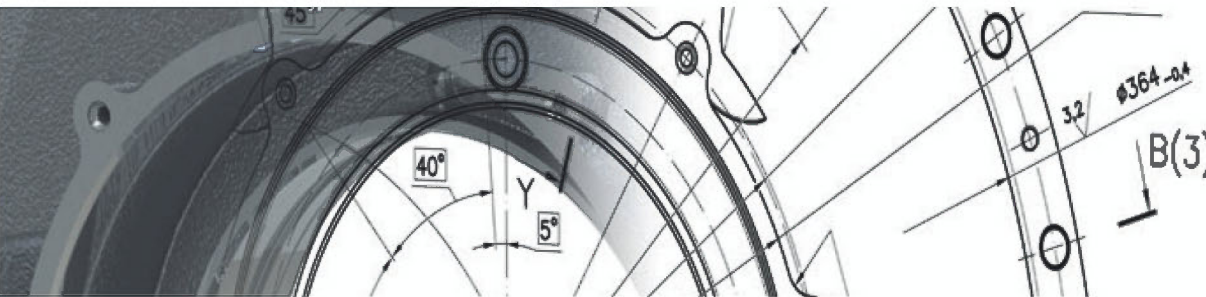


Tanks provided with top quality fittings and fabrication materials, along with sturdy lifting lugs and legs.

TANK DIMENSION



Applicable welding processes are Gas Metal Arc Welding (GMAW) and/or Shielded Metal Arc Welding (SMAW). Shell, Dish Head and Lift Lug material is carbon steel, ASTM A36 and legs shall be of carbon steel pipe, ASTM A53. Standard height for the tank leg is minimum 500 mm.



**CAPACITY
(GALLONS)**

**SIZE
LENGTH X DIAMETER X WIDTH (MM)**

● 50 GALLON	800 x 600 x 430
● 70 GALLON	1065 x 600 x 430
● 100 GALLON	850 x 800 x 575
● 150 GALLON	1275 x 800 x 575
● 200 GALLON	1085 x 1000 x 720
● 250 GALLON	1355 x 1000 x 720
● 310 GALLON	1465 x 1070 x 768.5
● 350 GALLON	1655 x 1070 x 768.5
● 400 GALLON	1890 x 1070 x 768.5
● 450 GALLON	1690 x 1200 x 900
● 500 GALLON	1875 x 1200 x 900
● 600 GALLON	2245 x 1200 x 900
● 750 GALLON	2805 x 1200 x 900
● 1000 GALLON	2100 x 1600 x 1400
● 1500 GALLON	3145 x 1600 x 1400
● 2000 GALLON	2970 x 1900 x 1700

*Tank sizes provided as a general guide only.

SHIELD Single-wall storage tanks consist of a single sheet of steel meeting ASTM specifications, constructed to UL-142 standards. Material thicknesses range from 12 gauge to 3/8" of mild-carbon or stainless steel.

This design guarantees savings on transport cost whilst ensuring the maximum fuel storage capacity available, perfect for the operator who has high volume refuelling requirements in any location.