

DT BG Containerized Storage and Dispensing System



Containerized Diesel Tanks BC/G is a combined system suitable for the storage and dispensing of diesel fuel fitted in ISO size box container. The containerized solution is particularly advantageous when a high protection from weather conditions is required (remote location, construction yards) whilst ensuring easy handling and an increased safety level. The systems are available with capacity ranging from 1500 l to 30.000 l and can be fitted with various optional according to the client's specific requirements.

A version with storage compartment for lubricants is also available on request.

TECHNICAL FEATURES

- Container ISO dimension painted with a two pack corrosion resistant coating;
- Double door at front fitted with louvers;
- Frame in cold-formed steel profiles, with upper and lower corner castings;
- Walls and roof in trapezoidal electro-welded steel sheet;
- High bearing flooring in welded sheet plates;
- Aluminium porthole with gas struts, in correspondence of tank manhole;
- Self sustaining metallic containment basin with capacity equal to 50 % (110% on request) of the tank capacity, fitted with tank support skid;
- Horizontal cylindrical single wall (or double wall) tank designed and manufactured according to EN 12285-2 standard, equipped with:
 - Supporting saddles;
 - Flanged Manhole;
 - Tank loading port fitted with quick coupling;
 - Overfill prevention valve;
 - Suction line fitted with ball valve and check valve.
 - Vent pipe fitted with flame-arrestor terminal;
 - Pneumatic level sensor with analogue clock dial;
 - Aluminium dipstick with holder and dust cap;
 - Auxiliary connection;
- Electrical system including IP 55 control panel, lighting and grounding system in accordance with European Standards;
- Fuel dispenser unit available in various configurations and flow rates:
 - AMA standard refuelling cabinet, flow rate 50 l/min, including single phase self priming pump, nutating-disk meter, 4m refuelling hose and automatic nozzle;
 - Private use fuel dispenser, flow rate up to 90 l/min;
 - Heavy duty industrial fuel dispenser, flow rate up to 130 l/min.

MODEL	CAPACITY (L.)	ISO TYPE	DIMENSIONS (CM)
DT BC—G 30	3.000	10'	243 x 300 x h. 259
DT BC—G 50	5.000	15'	243 x 454 x h. 259
DT BC—G 70	7.000	15'	243 x 454 x h. 259
DT BC—G 90	9.000	15'	243 x 454 x h. 259
DT BC—G 100	10.000	15'	243 x 454 x h. 259
DT BC—G 120	12.000	20'	243 x 605 x h. 259
DT BC—G 150	15.000	20'	243 x 605 x h. 259
DT BC—G 200	20.000	30'	243 x 906 x h. 259
DT BC—G 250	25.000	40'	243 x 1219 x h. 259
DT BC—G 300	30.000	40'	243 x 1219 x h. 259

