DTO - DIESEL TANK

DTO G.E.

READY FOR GEN-SET CONNECTION

TECHNICAL SPECIFICATIONS:

STORAGE TANK:
Horizontal cylindrical single wall tank, built in carbon steel sheet EN 10025, fitted with support saddles, anti-roll bases and grounding connections in AISI 304. E-xternally treated with the following system: acid cleaning, one coat of primer with a finish coat of an environmental friendly water based paint.
The DIESEL TANK is equipped with:

- Flanged manhole diam. Ø 420 mm., complete with :
  - 3" tank loading port fitted with brass quick coupling.;
  - Homologated overfill shut—off prevention valve acting at 95% of tank capacity;
  - 1" ½ (2") vent pipe fitted with flame-arrestor terminal;
  - Mechanical floating level sensor with analogue clock dial;
  - 1" spare port;
- Lifting lugs for empty tank handling;
- 1"draining with dust cap;

GEN SET CONNECTIONS:
- Suction pipe 1" ½, with angle check valve and 1"ball valve.
- Recirculation (return) pipe 1", with ¾ " ball valve
Further connections upon request.

CONTAINMENT BASIN self sustaining metallic containment basin with capacity equal to 50% of the tank capacity, fitted with support skid suitable for positio-ning on every kind of ground, internal supports for tank, grounding connections and bottom drainage point with cap.

OPTIONAL:
PROTECTION ROOF consisting of a robust self-supporting frame in galvanized steel, with top cover in corrugated galvanized metal sheet and supports for easy assembling. **MULTIPLE CONNECTIONS** for multiple Gen Set. **LEVEL PROBE** with display and alarms, **HAND PUMP** for Fuel priming, fuel heating systems

MODEL	CAPACITY (LT.)	TANK	CONTAINMENT BASIN	PROTECTION ROOF
DTV 05	490	900 x 1280	1.000 x 1.000 x 250	n/a
DTO 10	995	900 x 1.730	1.500 x 2.200 x 250	1.600 x 3.000 x 2.500
DTO 15	1.500	1.100 x 1.750	1.500 x 2.200 x 250	1.600 x 3.000 x 2.500
DTO 20	2.000	1.270 x 1.750	1.500 x 2.200 x 300	1.600 x 3.000 x 2.500
DTO 35	3.380	1.600 x 1.810	1.800 x 2.400 x 400	2.000 x 3.000 x 2.750
DTO 50	5.000	1.600 x 2.550	2.000 x 3.000 x 420	2.000 x 4.000 x 2.750
DTO 70	7.000	1.700 x 3.300	2.000 x 3.800 x 470	2.200 x 4.000 x 3.100
DTO 90	9.000	1.900 x 3.340	2.250 x 4.000 x 500	2.250 x 4.000 x 3.100
DTO 100	10.000	2.000 X 3.400	2.250 x 4.200 x 500	2.250 x 4.400 x 3.100
DTO 120	12.000	2.000 X 4.000	2.400 x 5.000 x 500	2.250 x 5.200 x 3.100
DTO 150	15.000	2.000 X 4.900	2.400 x 5.750 x 600	2.400 x 5.400 x 3.100
DTO 200	20.000	2.000 X 6.400	2.400 x 7.000 x 600	2.400 x 7.200 x 3.100

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The company reserves the right to modify

DTV DP - DIESEL TANK

DTV DP G.E.

READY FOR GEN-SET CONNECTION

1

2

TECHNICAL SPECIFICATIONS:

STORAGE TANK
Above ground vertical cylindrical double wall tank suitable for the storage of flammable liquids. Fully bunded pressure tested inner tank :he outer one acts as full containment basin. Heavy duty all steel construction (EN 10025).

The tanks are self-supporting and do not require any building works before installation: only a concrete base is needed.

The interstitial space can be monitored by nr. 2 sight glasses.
The vertical design reduces footprint: the **DTV DP** is ideal for storing fuel in small spaces.
The **DTV DP** is equipped with forklift pockets and lifting hooks for easy empty tank handling.
The steel ladder makes easy the access to the bolted inspection hatch on the top of the tank.
The tank manhole is equipped with:
- Mechanical overfill prevention valve (electric device on request) installed on 3" loading port, mod. VK Elaflex;
- Mechanical level gauge;
- 1" ½ (2") vent pipe fitted with flame-arrestor terminal.

The **DTV DP** ensures max fuel quality: suction point 10 cm height and easy internal cleaning operations thanks to the 1" drain point.
Tank external painting consisting of priming and finishing water based coat .

GEN SET CONNECTIONS:
- Suction pipe 1" ½, with angle check valve and 1"ball valve.
- Recirculation (return) pipe 1", with ¾ " ball valve
  - Further connections upon request

OPTIONAL
DIGITAL PNEUMATIC LEVEL PROBE with 3 digit LCD display, minimum level alarm , accuracy /- 1%. 1

QUICK COUPLINGS for Gen set connection with flexible pipes 2

MODEL	CAPACITY (L.)	TANK DIMENSIONS (MM) - DIAM INT - DIAM EST X H
DTV DP 10	995	1.100 - 1.150 x 1.400
DTV DP 20	2.000	1.270 - 1.300 x 1.880
DTV DP 35	3.300	1.600 - 1.630 x 2.040
DTV DP 60	6.000	1.900 - 1.930 x 2.490
DTV DP 90	9.000	2.250 - 2.270 x 2.600

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DTO EN- DIESEL TANK

TECHNICAL SPECIFICATIONS:

STORAGE TANK

Above ground horizontal cylindrical double wall tank suitable for the storage of flammable liquids, designed and manufactured in accordance with EN 12285 -2 standard. Dished ends, inner and outer skin in metal plate according to EN 10025. Externally treated with the following system: acid cleaning, one coat of primer with a finish coat of an environmental friendly water based paint

The DTO EN is complete with:

- ◊ Support saddles;
- ◊ Nr. 2 lifting lugs for empty tank lifting;
- ◊ ladder for easy access to the manhole;
- ◊ Grounding connection plates in stainless steel;
- ◊ Leak detector device for interstitial space monitoring according to EN 13160 ;
- ◊ Flanged Manhole Ø 640 mm fitted with the following devices:
  - – 3” tank loading port fitted with brass quick coupling;
  - – Homologated overfill shut—off prevention valve acting at 95% of tank capacity;
  - – 1” ½ (2”) vent pipe fitted with flame-arrestor terminal;
  - – Mechanical floating level sensor with analogue clock dial;
  - – Aluminium dipstick with holder and dust cap;
  - – 1” spare port;
  - – 1” Flanged suction line with ball valve and check valve.

GEN SET CONNECTIONS:

- Suction pipe 1” ½, with angle check valve and 1”ball valve.
- Recirculation (return) pipe 1”, with ¾ " ball valve

OPTIONAL: multiple connections. Level probes, manual pump for priming, fuel heating systems

DIESEL TANK WITH INTERNAL CIRCULATING LOOP

MODEL	CAPACITY (L.)	DIAMETER (MM)	TOTAL LENGHT (MM)	THICKNESS (MM)	TOTAL WEIGHT (KG)
DTO 30 EN	3.000	1.570—1.600	1.815	5 + 3	1.020
DTO 50 EN	5.000	2.000—2.034	1.920	6 + 4	1.842
DTO 70 EN	7.000	2.000—2.034	2.420	6 + 4	3.132
DTO 90 EN	9.000	2.000—2.034	3.020	6 + 4	2.500
DTO 100 EN	10.000	2.000—2.034	3.420	6 + 4	2.705
DTO 120 EN	12.000	2.000—2.034	4.020	6 + 4	3.051
DTO 150 EN	15.000	2.000—2.034	4.920	6 + 4	3.569
DTO 200 EN	20.000	2.280—2.310	5.320	6 + 4	4.249
DTO 250 EN	25.000	2.280—2.310	6.520	6 + 4 + 5	5.023
DTO 300 EN	30.000	2.280—2.310	7.620	6 + 4 + 5	5.732

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TRANSPORTABLE TANK— ACCORDING ADR STANDARD

DIESEL TANK
SINGLE WALL TANK
WITH CONTAINMENT BASIN

DIESEL TANK WITH INTERNAL CIRCULATING LOOP

CONTAINERIZED DOUBLE WALL STORAGE TANK
DOUBLE WALL TANK ACCORDING EN 12285-2 STANDARD

SKID TANK—DOUBLE WALL TANK ACCORDING
EN 12285-2 STANDARD WITH DAY TANK

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