



**Nearly nothing compares to it: Extremely resistant against impact, exceptionally tear-proof and stress resistant even in extreme hot or arctic temperatures, pressure resistant in every way, resistant against aggressive chemicals, particularly light, flexible and non-corrosive.**

Practically incompatible qualities? No! We are talking about the best approved material for fuel tank construction: HDPE (high-density polyethylene). Beside the positive usage qualities, which are far superior to those made of steel, this material is recommended for individual solutions: Due to its good molding qualities individual requirements are optimally feasible for fuel and/or water tank systems.



## CCM Tank Systems – Essential for professionals

### Advantages

- Ready for continuous use from -45 to +85 °C
- Revolts static electricity
- Highly robust against UV light
- Self lubricating
- Permitted for the transport of food (FDA)
- Up to 50 % lighter than conventional auxiliary tanks
- Suitable for biodiesel and vegetable oil
- 10-year leak-proof guarantee

### Features

- 4, 5 or 6 flood chambers for maximized mechanical stability, reduced liquid movement, minimal noise
- Catch-tank system for an uninterrupted fuel supply in every position, remaining fuel quantity only 1.5-2.5 %
- Filling flange and air release
- Extraction section with inlet and outlet in a welded PE flange with bulkhead screw connection
- Suction pipe and TOYOTA-tank sieve (easy cleaning)
- Welded PE flange for TOYOTA tank sensor
- Optional double strength HD underride protection for that high-level security feeling in harsh conditions

### Easy mounting

- The incorporated self-supporting stainless steel construction is screwed to anchor-points on the vehicle.
- Optional VA stainless-steel belt system (see image at the top) additionally strengthens the suspension and provides that ultimate heavy-duty feeling
- Incl. **CCM** mounting kit with all necessary parts and detailed instruction manual

### Practical example

- CCM-auxilliary tank 175 liters for TOYOTA Landcruiser HZJ 78**
- Case: HDPE, 12-15 mm thick
  - Weight: approx. 30 kg
  - Pressure test: internal 7.25 psi





## Fuel distribution/extraction

- Welded PE flange for mounting the original TOYOTA extraction section with inlet and outlet (suction pipe with sieve; cleaning possible) or bulkhead screw connection.
- For the integration with production fuel systems we recommend original TOYOTA magnet valves for inlet and outlet as well as the original TOYOTA dashboard switches.
- Alternatively switching is also possible with manual 2-/3 way ball valve.
- It is possible to fill the main tank by gravity or pump.
- Optimum nominal width up to 12 mm in the extraction section also guarantees the trouble-free removal of vegetable oil at low temperatures .
- The original TOYOTA tank sensor is compatible with the production fuel gauge. At the touch of a button the filling stages are exactly indicated. No second fuel gauge is needed!



## Custom manufacturing and an easy servicing

CCM fuel and water tanks are manufactured in small series or individually according to customer's specifications in the **CC-Manufaktur** in Senden (Germany). The compliance and improvement qualities are regularly supervised externally. Whether replacement or auxiliary tank system: The mounting is uncomplicated, the servicing simple, and even in the unlikely case of a repair, there is no need to deplete any brainwork due to cost-efficient extrusion welding.

For special applications/requirements please ask us!

