

FUEL TO GO!

Environmental Fuel Handling Solutions



... featuring the **ENVIROconnect** equipment cabinet



What is the Transcube?

The Transcube is a transport approved double wall fuel tank (132 gallon - 2500 gallon) that is specifically designed to environmentally and efficiently provide on-demand diesel supply for construction equipment and temporary power applications, such as:

- ..Generators,
- ..HVAC,
- ..Compressors,
- ..Ground thawing,
- ..Pumps,
- ..Cranes,
- ..etc..



Why is it different from a regular fuel tank?

It has added value functions and flexibility that take it beyond simply being a tank that holds fuel; ..functions and flexibility that solve inefficiencies, that up until now, many operators have accepted as normal..... maybe you have too..... read on.



Environmental Fuel Handling Solutions

Reduce down time, fuel visit costs and carbon footprints!...

One of the prime functions of the Transcube is to quickly and efficiently handle fuel requirements for diesel equipment such as portable power generators.

By transporting fuel to site with a Transcube you are ready to start up immediately, without waiting for, or coordinating, a fuel truck visit.

By using a Transcube directly connected to the engine of a generator, or other diesel powered unit, run times can be greatly increased reducing the amount of re-fuel visits required which in turn reduces costs and the carbon footprint of your operation.

Transcubes can be configured with 'quick connect' fuel feed and return connections for diesel engines and/or an electric fuel transfer pump kit for dispensing fuel manually.

FAST and EASY, CONNECT and GO.

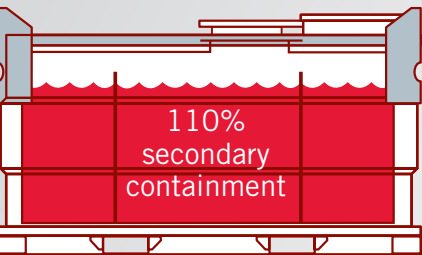
... think *inside* the box.



Environmental Safety & Protection...

... featuring the ENVIROconnect CABINET

The Transcube is designed to comply with the highest environmental standards and to perform in the harshest conditions.



SECONDARY CONTAINMENT
The well vented, weather-tight secondary containment tank is capable of holding 110% of the total capacity of the inner container eliminating the risk of environmental contamination, thus protecting the environment for the coming generation.



UL APPROVAL
The Transcube has UL 142 listing; a quality standard that ensures every tank is manufactured to high specifications that make it safe for the storage of fuel. This is your assurance that the Transcube will always stand up and protect the environment.

ENVIROCONNECT EQUIPMENT CABINET Have you ever seen cylindrical fuel tanks with rusty streaks down the side because of drips and spills from exposed connection points?

Transcube's fill and connection points are *all inside* the secondary containment cabinet keeping all accidental drips and spills from contaminating the environment.



Safe and Efficient Fuel Transportation...

... CFR49 compliant

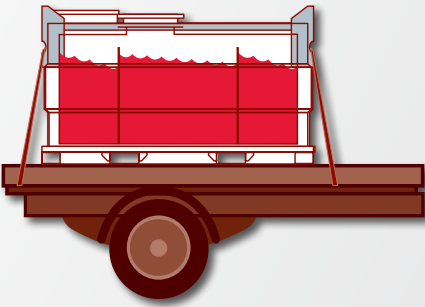
The Transcube is compliant and approved under DOT regulations for the transportation of diesel fuel on the road.

UN/DOT APPROVAL
Transcubes comply with CFR 49 (Code of Federal Regulations), Part 178 which prescribes a manufacturing and testing specification for Packaging and Containers, including IBC's for the transportation of hazardous materials.



TRANSPORTATION SAFETY
Baffles inside the inner tank prevent fuel surges during transportation and loads becoming unstable and dangerous.

The convenient corner brackets are strong and reliable tie down points for securing during transportation.



LOCKABLE HATCH LID

- For fuel security



SECURE DURING USE

- Fuel Hose access feature enables cabinet to be kept locked while supplying fuel.



ENVIROconnect CABINET

- Pumps, fittings, connections, hose & nozzle are all located within the secondary containment area protecting the environment from accidental spills.



STACKABLE

- Innovative corner brackets facilitate stacking for optimum space and logistics efficiency.



110% SECONDARY CONTAINMENT

- Double wall construction provides maximum protection for the environment from leakage and fuel spills.

MANWAY

- For inspection & maintenance access to the inner tank.

GALVANIZED FENDER STRIP

- Protecting your image, tank, paintwork and decals

TRANS CUBE



FULL LOAD LIFTING EYES

- Certified for lifting with tank full of fuel



TIE DOWN POINTS

- Easily secure tank in transit

HEAVY DUTY SKID BASE

- Protects tank base from damage



4 WAY FORK POCKETS

- Easy handling from all sides

INTERNAL Baffles

- Minimizing fuel surge in transit and during handling



05TCG

10TCG

20TCG

30TCG

TRANSCUBE 05TCG 132 gallon

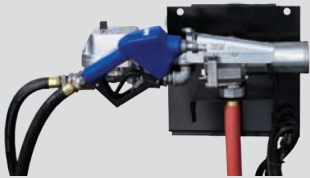


Transcube 05TCG. Ideal for use in stand-by applications and refuelling for smaller equipment, such as industrial heaters, small generators, lighting towers etc...


05TCG Specifications					
Length	46"	Capacity U.S. gal.	132	Stack Height 2 high	68"
Width	46"	Capacity Liters	500	Stack Height 3 high	101"
Height	35"	Weight empty / full	965lbs / 1901lbs	Construction	Double Wall Steel
Approvals	CFR 49, Part 178, Sub-part N 178.700 (Performance oriented standards) and Sub-part O 178.800 (Testing requirements for IBC's identified in Sub-part N). UL 142 listed for safe storage of fuel.				
Standard equipment	Enviroconnect equipment cabinet includes: high accuracy contents gauge; 3" fusible link fill port; 1" pump feed with flexible dip pipe, strainer and non-return valve; 1 x engine supply and return port set; pressure/vacuum vent; breather vent.				

Optional fitted equipment


Complete Transfer Pump Kits. 12v, 24v or 115v / 12' Hose and Auto Nozzle / Optional Flow Meter.




Water & Particulate Filter Kits. 3/4" and 1" options for removal of water and particles from fuel.



Fuel Feed & Return Blocks. Up to 3 sets of feed and return blocks can be fitted per tank.



Fuel Hose and Quick Couplers. Quality fuel hose in standard 25' or 50' lengths with optional quick release couplers.



TRANSCUBE 10TCG 264 gallon

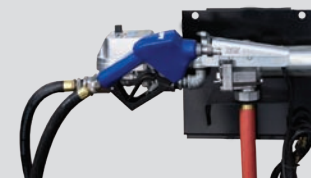


Transcube 10TCG. Compact transportable, double wall fuel tank. Fuel supply anywhere, any place, at any time - Fuel To Go!


10TCG Specifications					
Length	46"	Capacity U.S. gal.	264	Stack Height 2 high	102"
Width	46"	Capacity Liters	1000	Stack Height 3 high	152"
Height	52"	Weight empty / full	1118lbs / 2994lbs	Construction	Double Wall Steel
Approvals	CFR 49, Part 178, Sub-part N 178.700 (Performance oriented standards) and Sub-part O 178.800 (Testing requirements for IBC's identified in Sub-part N). UL 142 listed for safe storage of fuel.				
Standard equipment	Enviroconnect equipment cabinet includes: high accuracy contents gauge; 3" fusible link fill port; 1" pump feed with flexible dip pipe, strainer and non-return valve; 1 x engine supply and return port set; pressure/vacuum vent; breather vent.				

Optional fitted equipment


Complete Transfer Pump Kits. 12v, 24v or 115v / 12' Hose and Auto Nozzle / Optional Flow Meter.




Water & Particulate Filter Kits. 3/4" and 1" options for removal of water and particles from fuel.



Fuel Feed & Return Blocks. Up to 3 sets of feed and return blocks can be fitted per tank.



Fuel Hose and Quick Couplers. Quality fuel hose in standard 25' or 50' lengths with optional quick release couplers.



TRANSCUBE 20TCG 528 gallon




Transcube 20TCG. Multi-task on-site fuel supply for direct supply to stationary diesel engines or refuelling of equipment on demand.


20TCG Specifications					
Length	87"	Capacity U.S. gal.	528	Stack Height 2 high	102"
Width	46"	Capacity Liters	2000	Stack Height 3 high	152"
Height	52"	Weight empty / full	1825lbs / 5574lbs	Construction	Double Wall Steel
Approvals	CFR 49, Part 178, Sub-part N 178.700 (Performance oriented standards) and Sub-part O 178.800 (Testing requirements for IBC's identified in Sub-part N). UL 142 listed for safe storage of fuel.				
Standard equipment	Enviroconnect equipment cabinet includes: high accuracy contents gauge; 3" fusible link fill port; 1" pump feed with flexible dip pipe, strainer and non-return valve; 1 x engine supply and return port set; pressure/vacuum vent; breather vent.				

Optional fitted equipment


Complete Transfer Pump Kits. Available in 12v, 24v or 115v with flow rates up to 25 gallon/min. Optional flow meters.




Water & Particulate Filter Kits. 3/4" and 1" options for removal of water and particles from fuel.



Fuel Feed & Return Blocks. Up to 3 sets of feed and return blocks can be fitted per tank.



Fuel Hose and Quick Couplers. Quality fuel hose in standard 25' or 50' lengths with optional quick release couplers.



TRANSCUBE 30TCG 792 gallon




Transcube 30TCG. Maximize efficiency; maximize revenue; extend run times on your diesel powered equipment.


30TCG Specifications					
Length	91"	Capacity U.S. gal.	792	Stack Height 2 high	52"
Width	60"	Capacity Liters	3000	Stack Height 3 high	152"
Height	52"	Weight empty / full	2153lbs / 7765lbs	Construction	Double Wall Steel
Approvals	CFR 49, Part 178, Sub-part N 178.700 (Performance oriented standards) and Sub-part O 178.800 (Testing requirements for IBC's identified in Sub-part N). UL 142 listed for safe storage of fuel.				
Standard equipment	Enviroconnect equipment cabinet includes: high accuracy contents gauge; 3" fusible link fill port; 1" pump feed with flexible dip pipe, strainer and non-return valve; 1 x engine supply and return port set; pressure/vacuum vent; breather vent.				

Optional fitted equipment


Complete Transfer Pump Kits. Available in 12v, 24v or 115v with flow rates up to 25 gallon/min. Optional flow meters.




Manual Priming Pump Kit. Designed for quick and easy priming of fuel lines. (Also available with nozzle).



Fuel Feed & Return Blocks. Up to 3 sets of feed and return blocks can be fitted per tank.



Fuel Hose and Quick Couplers. Quality fuel hose in standard 25' or 50' lengths with optional quick release couplers.



TRANSCUBE 50TCG 1240 gallon

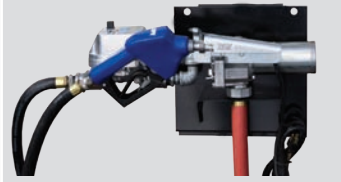


Transcube 50TCG. Versatile fuel deployment for larger diesel equipment. 1240 gallons of back up fuel decreases the need for fuel truck visits which in turn helps you lower your carbon footprint.


50TCG Specifications					
Length	91"	Capacity U.S. gal.	1240	Stack Height 2 high	102"
Width	91"	Capacity Liters	4700	Stack Height 3 high	152"
Height	52"	Weight empty / full	3576lbs/12,235lbs	Construction	Double Wall Steel
Approvals	CFR 49, Part 178, Sub-part N 178.700 (Performance oriented standards) and Sub-part O 178.800 (Testing requirements for IBC's identified in Sub-part N). UL 142 listed for safe storage of fuel.				
Standard equipment	Enviroconnect equipment cabinet includes: high accuracy contents gauge; 3" fusible link fill port; 1" pump feed with flexible dip pipe, strainer and non-return valve; 1 x engine supply and return port set; pressure/vacuum vent; breather vent.				

Optional fitted equipment


Complete Transfer Pump Kits. Available in 12v, 24v or 115v with flow rates up to 25 gallon/min. Optional flow meters.




Manual Priming Pump Kit. Designed for quick and easy priming of fuel lines. (Also available with nozzle).



Fuel Feed & Return Blocks. Up to 3 sets of feed and return blocks can be fitted per tank.



Fuel Hose and Quick Couplers. Quality fuel hose in standard 25' or 50' lengths with optional quick release couplers.



TRANSCUBE RT Highway Trailer



Transcube RT Highway Trailer. Turns your standard Transcube unit into a fully mobile refueller.

RT Specifications					
Model	Capacity	Length	Width	Overall Height	Weight empty / full
RT10TCG	264 gallons	97"	67"	68"	1638lbs / 3514lbs
RT20TCG	528 gallons	145"	71"	71"	2865lbs / 5797lbs
RT30TCG	792 gallons	149"	84"	71"	3425lbs / 9037lbs
Equipment:	Front anti-slip step for access to equipment cabinet. Adjustable jack stand. Highway lighting. Electric braking. Adjustable eye/ball hitch. Heavy duty fenders.				

Transcube RT line



..a look inside the ENVIROconnect equipment cabinet



The ENVIROconnect Equipment Cabinet is one of the Transcube’s most environmentally friendly features; any drips and spills made during connection of equipment are kept exactly where they should be kept; safely inside the secondary containment area.

Here’s what goes on inside the ENVIROconnect cabinet:

No.	Description	Std. Equipment
1	3” Fusible Fill cap. Environmentally friendly, chemically inert fusible area. Complies with CFR 178.253 specification 57.	✓
2	Low profile 2” Pressure/Vacuum vent with stainless steel components.	✓
3	Spare 1 1/2” threaded ports for extra equipment.	✓
4	2” Plastic plug working vent.	✓
5	High accuracy contents gauge displaying 1/16 increments.	✓
6	Fuel supply and return connection blocks for plumbing direct to engine. Up to 3 sets of supply and returns blocks can be fitted to run 3 engines from one tank. All supply connections are fitted with a non-return valve to keep fuel lines primed and a screen to block particles. Optional Quick Connect Couplers can be added for quick & easy engine set up.	1 set supplied as standard
7	1/4” Breather vent with safety roll over shut off.	✓
8	1” pump feed.	✓
9	Recessed pump mounting area for electric or manual pumps, flow meters and filters.	Area only
10	Suction barb for convenient draining of the secondary containment floor.	✓
11	Rubber flaps prevent weather and debris from entering the equipment cabinet while allowing fuel line access.	✓

Inspection, Maintenance & Cleaning



The Transcube’s innovative construction allows for easy inspection, maintenance and cleaning.

TOP MANWAY
The manway on top allows for full access to the inner tank.

REMOVABLE INNER TANK
The Transcube inner tank easily lifts out of the outer wall for easy inspection and maintenance to the secondary containment area.



REMOVABLE DIP PIPES
The fuel feed pipes are fully removable for reconfiguration, inspection and cleaning.



CONVENIENT SUCTION BARB
This built in suction pipe and barb allows for easy draining of any liquid build up in the secondary containment area.

Quality Assured

Rigorous product development and testing has ensured that the Transcube product comes to you “Quality Assured”. The integrity of its design and proven performance makes it the most advanced IBC of its type on the global market.

The Transcube “tank full” drop test onto concrete:



... oh, and of course, there were no leaks.