



CONTROLLED EMISSION TOILETS (CET) SYSTEM

PRODUCT INFORMATION



INNOVATIVE MAINTENANCE SOLUTIONS

CONFIGURABLE.
LOW MAINTENANCE.
LEIGHTWEIGHT.
DURABLE.
EFFICIENT.
VERSATILE.





INTERQUIP GLOBAL

ABOUT US

When it comes to service, process and people, Interquip Global Limited (Interquip) brings brands and partners of choice together to deliver turnkey projects of exceptional quality and reliability.

Our highly skilled team are always prepared to go above and beyond to deliver excellence as standard. As a result, we offer an unrivalled international service that customers can trust and delivered by some of the most experienced professionals and technical staff in the business.

BACKGROUND

Since the introduction of CET systems to the UK in the late 1980's there has been many iterations of CET systems available, mostly with little or no innovation on the first. The CET system is integral to the smooth operation of service as train presentation is a quality measure now demanded by the train operators and train passengers alike. Operators face the challenge of meeting efficiency targets with safe and hygienic system operation to ensure operational expectations are met.

INTERQUIP CET SYSTEM

Pumping

Interquip have worked with many different types of Pumping Systems with equipment supplied by industry leading specialist manufacturers including Selwood and Vogelsang to name but two. Interquip will be able to recommend the optimum pumping system to meet the demands and restrictions of each installation.

Module

The Interquip CET system comprises a self-contained module (or several in sequence) positioned conveniently on the service apron.

The system requires minimal groundworks and can be retrofit onto existing installations if required. The module is manufactured to our own design from GRP and as such is lightweight, robust, and resistant to all weather conditions as well as resilient against the Ultraviolet (UV) effects of the sun.

The Interquip CET Module has several unique features all designed to enhance performance and usability whilst at the same time reducing downtime and maintenance. The modules deliver both tanking and flushing water from twin retractable hose reels making hose stowage neat and efficient, the delivery systems are protected against adverse weather conditions we have installed 2 x 100watt heaters located inside the module, water flow can be easily isolated by means of individual stop taps should isolation become necessary.

Having had many years' experience in rectifying common problems with CET equipment it seemed sensible and logical to remove the known problems at the design stage of the Interquip CET system development. The most common problems were found to be joints and seals causing loss of vacuum and leakage of fluid, the Interquip equipment has reduced the number of joints and seals in the internal pipework this has been achieved by introducing custom made pipework manufactured from stainless steel.

Control System

We have also made improvements to the control system (pump room) with a redesign of the traditional Printed Circuit Board (PCB), this provides a greater insight into the performance of the pumping and delivery systems, we can monitor the performance remotely and make informed changes to the system, we have the ability to predict maintenance tasks before they become operational issues and report on usage statistics in real time. We consider all of this to be a considerable step forward in the evolution of CET systems.

The system is flexible, with 10m of high-quality hose on all the evacuation and delivery systems allowing for deviations in train position and should a requirement to service multiple train Class's be needed then length of carriage and CET tank position can be easily and safely catered for. Interquip can supply adaptors to accommodate any type of connection to the onboard tank.













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WHY CHOOSE INTERQUIP CET SYSTEM?

Interquip are proud to announce the introduction of their own brand CET Module. Designed with the assistance of industry partners to meet the requirements of safe and hygienic management of effluent from train toilets.

-  **Fixed pump system installation - configurable and versatile**
-  **Lightweight and durable GRP Module –Exceptional longevity, clean lines and low maintenance**
-  **Fast, clean and efficient removal of effluent waste from onboard tanks**
-  **Simple, fast delivery of flushing water**
-  **Effortless Tanking Water delivery**
-  **Potable water replenishment**
-  **Retractable 10m hoses for safe versatile operation and storage**
-  **Minimal disruption - innovative installation, improved efficiency and reduced costs**

The Interquip CET Module has been designed with safety and simplicity of use in mind and the need to drastically reduce downtime and the time spent on maintenance, repairing and replacing troublesome components which are known to be common issues with other less robust systems.

The Interquip CET Module is serviced by a fully integrated and scalable control system capable of managing several roads and multiple CET Modules concurrently.

All this is supported by a series of optional aftersales care packages to suit every operational requirements scenario and budget.





INNOVATIVE MAINTENANCE SOLUTIONS

SEE HOW WE CAN INTRODUCE
INNOVATION INTO YOUR PROJECT

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