

# i500

Helping you achieve realistic carbon reduction goals, intelligently.



GREEN WORLD AWARDS 2023  
GREEN ENERGY  
GLOBAL GOLD WINNER  
GENQUIP GROUNDHOG - WALES  
THE RANGE OF LOW EMISSION  
INTELLIGENT SITE WELFARE UNITS

GREEN WORLD AWARDS 2023  
GREEN ENERGY  
GLOBAL GOLD WINNER

\*When power unit not in use



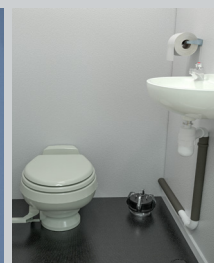
Spacious seating area



Well equipped canteen



Hot drinking water system



Low flush eco toilet



Fridge powered by 12V

## Innovative, functional, environmentally efficient and cost effective.

The **i500** offers the legendary robustness and ease of use of the Fusion Pulse **groundhog** mobile welfare unit whilst offering an enhanced green environmental solution. Offering upto **100% reductions in carbon emissions** whilst on board power unit is not in use.

The i500 is designed to run in summer months without the onboard power unit running. During the winter period and night use the power unit will still be required.

The i500 has a compact overall size for towing, with a large spacious welfare area which can accommodate up to 12 - 14 people - **ideal for flexible on-site applications, helping you achieve realistic carbon reduction goals.**

INNOVATION THAT WORKS.



x4 solar panels with on board power unit back up



Fully hot-dipped galvanised chassis



12V air blown heating system & warm water for hand wash



Hot drinking water & microwave run off 12V system



12V LED lighting with PIR



Inverter powered sockets with USB connectors



Fridge powered by 12V technology



2kVA battery charging unit c/w Fuel Active system



Lowered & secured in 3 minutes

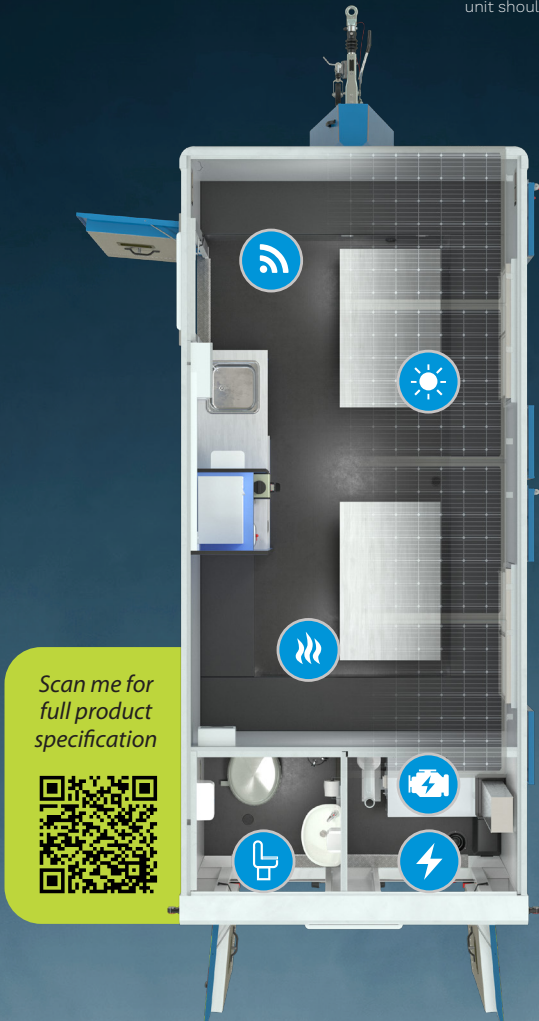


# i500 Key features at a glance

Length	<b>5000 mm</b>	Unladen Weight	<b>2600 kg</b>	Fresh Water	<b>25 Litres</b>
Length (including drawbar)	<b>6320 mm</b>	Possible Gross Weight	<b>3000 kg*</b>	Waste Water	<b>25 Litres</b>
Height (on wheels)	<b>2.9 m</b>	x4 Solar Panels	<b>x4 360 Watt</b>	Underfloor Toilet Waste Tank	<b>200 Litres</b>
Height (on ground)	<b>2.5 m</b>	On board power unit	<b>2 kVA</b>	Toilet Water Tank (under seating)	<b>50 Litres</b>
				Fuel Tank	<b>32 Litres</b>

\* Fully laden gross weight exceeds maximum towing capacity, unit should be transported to site prior to making site ready

## INNOVATION THAT WORKS.



### ON-BOARD POWER UNIT

2kVA unit only runs when battery levels dictate. Ensuring zero loss of power



### 4 x 360W SOLAR PANELS

Mounted on roof with large charger controller



### INTELLIGENT BATTERY TECHNOLOGY

Auto start / stop to maintain optimum battery performance



### HOGWATCH MONITOR & TRACK

To optimise carbon reduction whilst on site



### FULL FLUSH TOILET

With warm hand wash



### HEATING SYSTEM

Delivers warm air and warm hand wash



SIGNIFICANTLY  
**REDUCED**  
RUNTIME



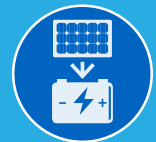
SIGNIFICANTLY  
**REDUCED**  
FUEL USAGE



**LESS**  
EMISSIONS



SIGNIFICANTLY  
**REDUCED**  
SERVICING COSTS



ON-BOARD  
**POWER STORAGE**  
SYSTEM

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