



# DCU Excel+ Twin Welfare (Single Axle)

## Mobile Decontamination Units

The DCU Excel+ is one of the larger units in the SMH DCU Range. It is a compact unit at 5.8m in length, suitable for up to eight workers, and features twin showers, as well as welfare and toilet facilities. The unit is easily maneuvered thanks to the single axle, with an upgraded weight capacity compared to the Excel+ twin axle model. The unit can be fully self-contained when the fresh water tank is used in conjunction with the on-board LPG generator.

SMH has been a leading manufacturer of decontamination units for over 30 years. SMH DCU's provide mobile decontamination facilities for workers operating in environments where airborne contaminants are a potential risk but a permanent decontamination facility is impractical, such as in demolition and remediation work or emergency situations. The units are also suitable for a range of industries and different hazardous materials.

The DCU exceeds the requirements of *HSG247 Asbestos: The licensed contractors' guide*, and the HSE's *Control of Asbestos Regulations 2012 Approved Code of Practice, Regulation 23*.



-  8 Decon. Capacity
-  2 Showers (No. of)
-  1 Toilets (No. of)
-  2 Welfare (Seating)
-  Fuel: Gas
-  Fuel: Electric (Option)

### At a glance

- Designed and built to exceed the requirements of the UK's asbestos removal regulations;
- Three-stage decontamination arrangement consisting of a clean, shower and dirty zone;
- Self-closing doors maintain the integrity of the decontamination process;
- Manufactured from smooth moulded GRP, the units are waterproof and easily cleaned after use;
- Easy to maintain with external access to generator, water pump, waste water filter system and gas bottle.
- Improved mobility & upgraded weight capacity compared to the Excel+ twin axle model

Available to buy or hire – contact your nearest branch

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# Technical Data

## Specifications

Overview	Capacity	8
	Stages	3
	Showers	2
	Toilets	1
	Welfare: Capacity	2
	Welfare: Fridge	✓
	Welfare: Microwave	✓
	Welfare: Kettle	✓
Power & Services	Fuel: Gas	✓
	Fuel: Dual	Optional
	Generator, Max. Output	3.5kVA
	LPG Gas Bottle, Max.	2x 19kg Propane
	Power Supply, Voltage-Frequency	230V-50Hz
	Socket Config.: Gas	1x 16A
	Socket Config.: Dual Fuel	1x 16A, 2x 32A
	Water Tank: Fill Method	External/Mains
	Shower Pump	1x 230V, 6 bar, up to 40LPM
	Waste Pump	1x 230V, 4 bar, up to 18LPM
	Waste Filters Size	5µm
	Electric Heating	1x 300W, 2x 60W
Negative Pressure Unit (NPU)	Decon 500	
Chassis & Weights	Axles	1
	Weight, Unladen kg	1380
	Weight, Max. Load kg	1800
	Wheels & Tyres	175 R 13C
	Battery Powered Tracker	Optional
Dimensions	External Length mm	5846
	External Width mm	2095
	External Height mm	2846
	Internal Length mm	4167
	Internal Width mm	2001
	Internal Height mm	2032

## Features

- Trailer-based mobile decontamination unit
- Compact yet powerful Negative Pressure Unit (NPU)
- LPG propane gas generator with fully contained compartment and gas bottle storage locker
- Room sealed water heater with electronic start and low NOx emissions
- Extra low voltage, energy saving IP67 PIR LED lighting
- Lockers with sockets for recharging powered respirators
- Space heating for all-year round use
- Easy-to-clean glass-reinforced plastic (GRP) internals
- Boiler-fed showers are standard; electric optional
- Toilet facilities, including a sink, hot water, mirror, soap dispenser and cassette toilet
- Welfare facilities, including seating, a worktop, sink, fridge, microwave and kettle

## Certification

- All units comply with BS EN 7671:2018 Requirements for electrical installations; BS EN 6767-2:1998 Transportable accommodation units; BS EN 1949:2011+A1:2013 Specification for the installation of LPG systems for habitation purposes;
- All units are supplied with an electrical installation certificate issued by a qualified electrician and all gas appliances are fitted, tested and certified to conform to current Gas Safety Installation Use Regulations 1994;
- All NPU's in the units are PAT and DOP tested;
- All NPU's comply with BS EN 8520-2:2009 Equipment used in the controlled removal of asbestos-containing materials (ACMs);
- All HEPA filters comply with BS EN 1822-1;
- All appliances comply with BS EN 60335-2-69 Household and similar appliances;
- The units are manufactured at an ISO 9001 quality assured site;
- The vehicle conforms to Whole Type Vehicle Approval for Vehicle Category SA02.

## Optional Extras & Accessories

### Battery Powered Tracker

- Stolen unit recovery product
- Self-powered with up to 5 years standby
- Uses VHF technology
- Traceable in containers, lock-ups or underground car parks
- Only tracker system supported by UK Police forces nationwide
- One-time use operation



### Spare Wheel

- Mounted on-board

