



DCU 151 Pro Guardian

Mobile Decontamination Units





The DCU range from SMH offers a variety of decontamination solutions designed to meet the needs of different working environments. The 151 DCU delivers all the essential features you expect from SMH, ensuring a reliable and effective mobile facility for workers who must manage contamination risks in environments where permanent structures are impractical.

The DCU Pro is an upgrade to the standard 151 unit and includes a range of improvements to streamline decontamination and ensure comfort and efficiency on any site. New features include a larger 'clean' room, additional storage, shoe rack, integrated change-over switch and premium jockey wheel.

For maximum security, the Guardian upgrade adds an electro-magnetic door lock, a panic alarm with external siren and flashing LED, slam locks that secure automatically, and a key-override switch for emergency access. These measures safeguard personnel and equipment, instilling confidence in high-risk environments.

All DCU's in the SMH range, including the DCU Pro Guardian, meet and exceed HSG247 Asbestos guidelines and the HSE's Control of Asbestos Regulations 2012.



-  8 Decon. Capacity
-  2 Showers (No. of)
-  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.

Available to buy or hire – contact your nearest branch

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Technical Data

Specifications

Overview	Capacity	8
	Stages	3
	Showers	2
Power & Services	Fuel: Gas	✓
	Fuel: Dual	Optional
	Generator, Max. Output	3.5kVA
	LPG Gas Bottle, Max.	1x 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	Internal/Mains/Superfil
	Shower Pump	1x 24V, 3 bar, up to 12LPM
	Waste Pump	1x 24V, 3 bar, up to 18LPM
	Waste Filters Size	5µm
	Electric Heating	1x 400W, 1x 60W
	Negative Pressure Unit (NPU)	Decon 500 ECO
Chassis & Weights	Axles	1
	Weight, Unladen kg	983
	Weight, Max. Load kg	1300
	Wheels & Tyres	175 R 13C
	Spare Wheel & Carrier	Optional
	Battery Powered Tracker	Optional
Dimensions	External Length mm	4632
	External Width mm	1844
	External Height mm	2800
	Internal Length mm	3200
	Internal Width mm	1750
	Internal Height mm	2000
	Dirty Room Area m ²	1.4
	Shower Room Area m ²	1.7
Clean Room Area m ²	2.4	

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) shower trays
- Boiler-fed showers are standard; electric optional
- Panic alarm system with battery backup
- Electronic locking system with battery backup
- Slam lock system

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 European type 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
- Supported by UK Police forces nationwide
- One-time use operation



Spare Wheel & Carrier

- Mounted under the trailer, to the rear of the chassis

