QUALITY & SERVICE

SMH

YOU CAN TRUST

DCU 154 Quad

Mobile Decontamination Units

The DCU 154 is the largest mobile unit in the SMH DCU Range, suitable for up to sixteen workers. At 6.5m it is a spacious unit and features four showers in parallel – ideal for quickly getting workers in and out of the enclosure. 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.





16 Capacity

4 Showers

✓ Gas (LPG) Standard

* Electric Option

* Dual Fuel 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	16
	Stages	3
	Showers	4
Power & Services	Fuel: Gas	✓
	Fuel: Electric / 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, 4x 32A (1 per electric shower)
	Water Tank: Fill Method	Internal/Mains
	Shower Pump	1x 230V, 6 bar, up to 40LPM
	Waste Pump	2x 230V, 4 bar, up to 18LPM
	Waste Filters Size	5µm
	Electric Heating	1x 400W, 1x 60W
	Negative Pressure Unit (NPU)	Decon 500 ECO
Chassis & Weights	Axles	2
	Weight, Unladen kg	1520
	Weight, Max. Load kg	1600
	Wheels & Tyres	175 R 13C
	Spare Wheel & Carrier	Optional
	Battery Powered Tracker	Optional
Dimensions	External Length mm	6486
	External Width mm	2291
	External Height mm	2872
	Internal Length mm	5060
	Internal Width mm	2200
	Internal Height mm	2054
	Dirty Room Area m^2	2.9
	Shower Room Area m^2	4.4
	Clean Room Area m^2	3.8

Electric Showers

- Optional configuration with 4 x 7.5kW electric showers
- Each shower requires a dedicated 230V, 32A electrical supply
- Can be combined with LPG boiler-fed showers (dual-fuel configuration)



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

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 cark parks
- Supported by UK Police forces nationwide
- One-time use operation

Spare Wheel & Carrier

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



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