

# DCU 150

## Mobile Decontamination Units

The DCU 150 is the lightest of our range of mobile decontamination units. At only 720kg, it can be towed without a towing licence, and it is under 4.4m long, ideal for almost any site. 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*.



### 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.



-  4 Decon. Capacity
-  1 Showers (No. of)
-  Fuel: Gas
-  Fuel: Electric (Option)

### Available to buy or hire – contact your nearest branch

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# Technical Data

## Specifications

| Specifications    |                                 |                            |
|-------------------|---------------------------------|----------------------------|
| Overview          | Capacity                        | 4                          |
|                   | Stages                          | 3                          |
|                   | Showers                         | 1                          |
| 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, 1x 32A             |
|                   | Water Tank: Fill Method         | Internal/Mains             |
|                   | 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 300                  |
| Chassis & Weights | Axles                           | 1                          |
|                   | Weight, Unladen kg              | 720                        |
|                   | Weight, Max. Load kg            | 750                        |
|                   | Wheels & Tyres                  | 175 R 13C                  |
|                   | Spare Wheel & Carrier           | Optional                   |
|                   | Battery Powered Tracker         | Optional                   |
| Dimensions        | External Length mm              | 4371                       |
|                   | External Width mm               | 1493                       |
|                   | External Height mm              | 2768                       |
|                   | Internal Length mm              | 3000                       |
|                   | Internal Width mm               | 1400                       |
|                   | Internal Height mm              | 1900                       |

## 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

## 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 SA01.

## 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 & Carrier

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

