

SPECIFICATION FOR AMS DECONTAMINATION UNIT

THE MeQ



DIMENSIONS & WEIGHTS

BODY LENGTH:	3600mm
LENGTH INC. 'A' FRAME AND COUPLING:	5100mm
WIDTH:	2000mm
HEIGHT (INTERNAL):	2010mm
OVERALL HEIGHT FROM FLOOR:	2570mm
GROSS LADEN WEIGHT:	1500Kg
UN-LADEN WEIGHT:	1140Kg

ROLLING CHASSIS

The chassis is constructed completely out of galvanized rolled steel to give strength and provide long lasting durability. It is constructed in such a way as to give an inboard wheel configuration with the wheels in arches.

To the chassis is fixed an Avonride galvanized axle and overrun coupling complete with parking brake and jockey wheel. The coupling and axle are connected via rod and cable.

Each corner has a wind down steady to stabilize the unit once uncoupled on site.

FLOOR

The floor is constructed out of WBP plywood, which is treated before being bolted to the chassis. A heavy-duty industrial vinyl floor covering is bonded to the floor of the unit and is fully sealed to prevent any ingress of water.

The vinyl flooring will have a return up the walls with the corner seams hot welded to ensure water tightness.

There are four drainage points set into the floor.

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BODY

The main body panels are constructed out of 11mm GRP coated plywood, which has a smooth gloss finish.

The front of the trailer is aerodynamically enhanced, by the fitting of a fibreglass nosecone. All the services are contained within the nosecone giving more space in the main body of the unit.

All the corners are capped in anodised aluminium.

Grab handles are fitted front and rear to aid manoeuvrability.

Fixed ventilation is provided.

A 1200mm x 2000mm ramp door will be supplied and fitted to the rear of the trailer and also fitted with spring assistors to aid opening and closing and from a safety point of view.

ROOF

The roof is constructed out of a fibreglass panel supported by roof sticks inside an anodised aluminium frame. The interior is of polyester faced board. 2 sections of the roof will be left without the inner-faced board to show translucent panels which will give some natural light.

INTERNAL FITTINGS

There will be 2 storage compartments built into the front nosecone.

Restraint straps will be supplied and fitted to secure items whilst cleaning/drying.

A PVC Plastic curtain will be fitted inside of the ramp door.

Personnel lockers are also fitted at the front offside corner.

A manual winch will be fitted to the front central to the body to assist lifting of furniture into the unit.



PLUMBING

Water is heated via a hand wash water, which is mounted internally in a housing located on the offside wall as per the floorplan.

The waste is pumped directly from the unit and can be filtered if required.

A small hand basin is fitted in the corner of the trailer with hot/cold connections.

There are four drain-off points (2 at the front and 2 at the rear) to enable the system to be completely drained down and help prevent frost damage in cold weather.

A lead and connectors are provided to enable connection to an external water supply.

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240V ELECTRICS

Fed through a 16amp high level flush mounted mains inlet waterproof socket and 6-way consumer unit complete with residual current detector. The consumer unit enables a quick and easy detection of individual faults, whilst a lead is supplied to connect the inlet socket to an external electricity supply.

A socket will be fitted to facilitate operation of a steam cleaner machine (supplied by client).

A 28 watt splash proof light will be fitted centrally to the roof.

12V ELECTRICS

Full MOT lighting is fitted to the unit, which is fed via a standard 7 pin plug that is connected to the socket on the towing vehicle.