

Decontamination Unit Five-Stage



Introduction

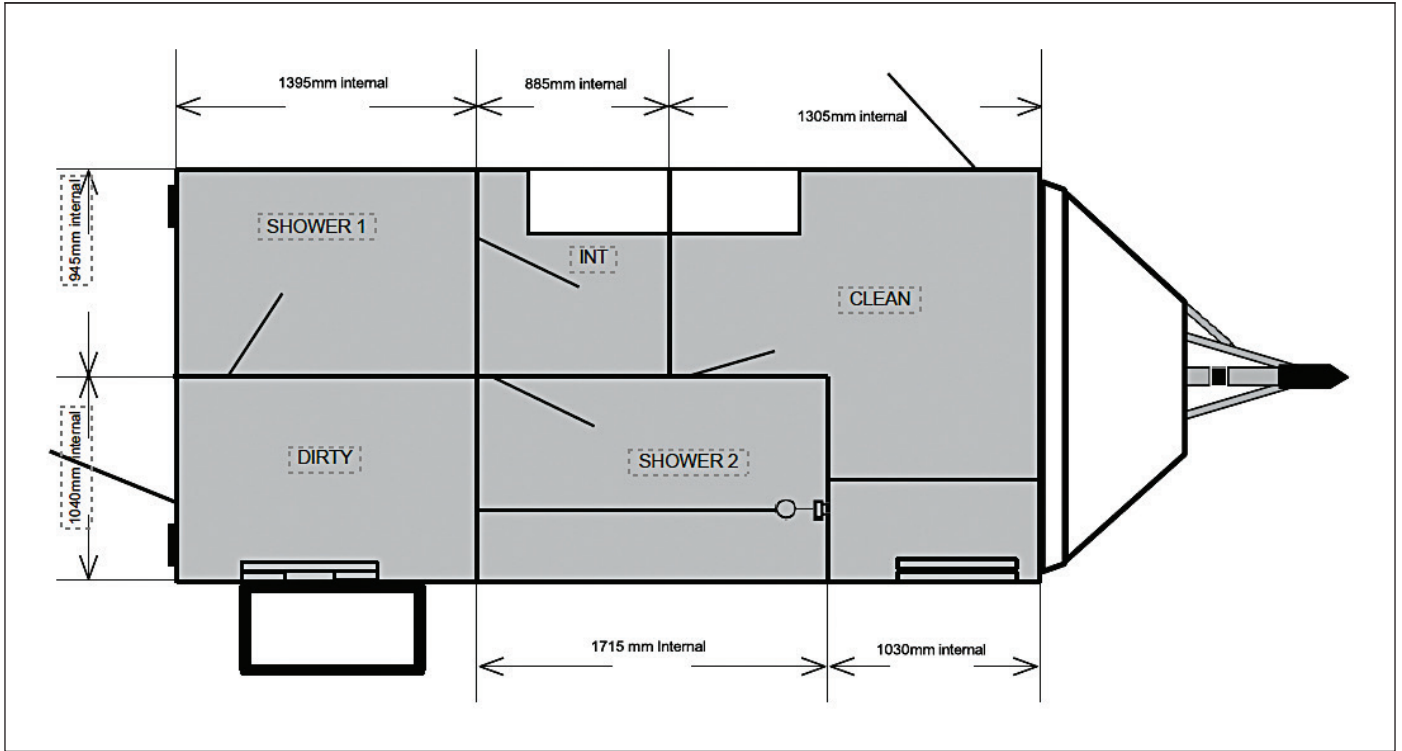
The SMH 5 Stage decontamination trailer features a chassis made entirely of galvanized rolled steel, ensuring strength and long-lasting durability. The floor is constructed from WBP plywood, which is treated before being bolted to the chassis and then finished with fibreglass for added waterproofing.

The front of the trailer is aerodynamically enhanced with a fibreglass nosecone, which houses all the services, freeing up space in the clean end. Water is heated by an internally mounted gas boiler located centrally in the clean end of the unit.

The trailer is divided into five compartments by fitted partitions. Each end of the unit is equipped with a bench seat and a 900mm electric tube heater. The clean end also includes eight coat hooks, eight lockers with sockets for charging respirators, and a fixed mirror.

Key features of this decontamination unit include a five-stage decontamination system with two showers, gas-powered hot water systems, a Honda GSX200 generator with RCD protection, and waste pump-out through 25-micron and 5-micron sediment filters.

Features



DIRTY END
Auto Light
Mirror
NPU
Drain
Rigid GRP Bench
Electric Heater
Self-Closing Door

SHOWER AREA
Sink
Shower
Waste Pump Activation
Drain
Auto Light
Self-Closing Door

CLEAN END
Auto Light
Drain
Lockable Personal Lockers
RPE Charging Points
Cupboard Storage
Electric Heater
Water Heater Control Panel
Self-Closing Door from Shower Area

Dimensions



DIMENSIONS	W60318B
External Height	2550mm
Internal Height	1900mm
External Width	2040mm
External Overall Length	5760mm
External Length - Decon Area	4220mm
Length of Spoiler & Draw Bar	1540mm
Internal Length - Clean End	1035mm
Internal Length - Shower Area	1715mm
Internal Length - Dirty End	1395mm
Internal Length - Total	4145mm

Technical Data

FEATURES

Areas (Clean, Shower & Dirty)	5
Showers	2
WC (Chemical Toilet, Wash Basin, Water)	No
Lockers (which have Electrical Supply)	8
Negative Pressure Unit	619m ³ /hr
Tube Heaters	2
Water Tank	1

ELECTRICAL

Mains Supply or Generator Voltage	230V
Supply Frequency	50Hz/60Hz
Maximum Demand (excluding Electric Showers)	25A
Electric Water Heater	No

GAS

LPG - Nautilus On-Demand Hot Water Unit (refer Hot Water Unit Instructions for Specifications)	2
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CHASSIS

Axles	2
Unladen Weight (Kg)	800/Axle
Maximum Laden Weight (Kg)	1600
Maximum Design Speed (Km/hr)	110
Wheels & Tyres	175R 13C

NPU Technical Data

DECON 500	
Case	Polypropylene
Case Colour	White
Weight (Kg)	
Voltage (V)	230
Calculated Load Current (A)	1
Motor Power (W)	162
Average Airflow (m ³ /hr)	
Average Airflow (cfm)	619
Motor Noise Level (dB)	-
Variable Speed Control	-
Differential Pressure Gauge (Pa)	0-1250
Hour Meter	No
Isolation On/Off Switch	No
Fitted RCD 30ma	No

NPU Filter Technical Data

DECON 500	
HEPA Filter (mm)	305x305x150
HEPA Efficiency H14	99.995%
HEPA Initial Pressure Drop (Pa)	280
Pre-Filter (mm)	296x296x47