



MDA Mobile Decontamination Plant

Technical Data

	Dekont-Container	V. u E. Container
	Steel	Steel
Hight	2.600 mm	2.600 mm
Width	2.500 mm	2.500 mm
Length	12.192 mm	6.055 mm
Weight	25 to.	13,5 to
Power supply	400 V/63 A CEE	400 V 32 A CEE
Radio	Digital Tetra-Radio-System	

This mobile plant is designed for decontaminating high-grade technical equipment at the site of an incident, thereby enabling the equipment to be used again within the control area as intended. The contaminated equipment can be from KHG as well as from the facility operator.

To enable rapid operation following an incident in a nuclear facility, the filter plant can be operated autonomously.

The mobile decontamination plant consists of two containers. The entire decontamination process is performed in the decontamination container. Contaminated items are delivered in 200-litre drums. These drums are docked onto a double-lid system in the container base. The contaminated items are removed from the drum onto the treatment line, where they are decontaminated (exposed to high-pressure cleaning, ultrasonic bath, chemical treatment). The treatment line consists of 4 individual units. Following radiological measurement, the items pass through an opening fitted with a sealed cover. If a contaminated item is too large for this opening, a door is also provided.

Supplies of decontamination material and waste decontamination fluids collected are stored in their respective container. Waste air from each container is filtered before being released into the surrounding environment.

