



The depollution time was established on the basis of the compressed-air procedure offered including some 10 minutes setup time. On the basis of 8 hours running time daily, the system is capable of depolluting about 48 cars per day. The depollution technology has been developed by STH-Huber Anlagenbau GmbH, Germany. All types use the same depollution technology. The size of the carrier structure is 6500 x 2500 x 2500 mm (LxWxH).

For better protection and ease of maintenance, the double diaphragm pumps are installed in the dump tank area. The dump tank area is fitted completely with metal wall and ceiling panels. The operator side is open and has an aluminium roll-up gate in place which can be closed for weather protection and protection against unauthorized use. The working surfaces of the car depollution system are edged pan-type metal sheets with a 30 mm mesh grate cover. The car rest is made of 120 mm-HEB H girders (designed to DIN 1025).

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### Technical data STH-003/E/10/H:

### Basic Features



The STH-003/E/10/H mobile car depollution system is 5400 x 2200 x 2200 mm LxWxH in size with a maximum permissible load of 5.0 tons (options).

**According to a study conducted by Germany, the amounts of media used in a single car are as follows:**

Medium 1: gasoline 20.0 l

Medium 6: coolant 7.0 l

Medium 2: diesel fuel 20.0 l

Medium 7: shock absorber oil 1.0 l

Medium 3: brake fluid 0.7 l

Medium 8: screen wash 3.0 l

Medium 4: motor oil 4.0 l

Medium 9: power steering fluid 1.0 l

Medium 5: gear box oil 3.0 l

Medium 10: refrigerant 3.0 l

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**According to a study conducted by Germany, the amounts of media used in a single car are as follows:**

Medium 1: gasoline 20.0 l Medium 6: radiator liquid 7.0 l

Medium 2: diesel fuel 20.0 l Medium 7: shock absorber oil 1.0 l

Medium 3: brake fluid 0.7 l Medium 8: screen water 3.0 l

Medium 4: motor oil 4.0 l Medium 9: power steering oil 1.0 l

Medium 5: transmission oil 3.0 l Medium 10: refrigerant 3.0 l

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## **Advantages of a Mobile Motor Vehicle Draining Facility STH – 003/E/12/H**

1. mobility, road permit, building size 6500 x 2500 x 2500 mm
2. integrated storage tank on the tool carrier for all media AI, AII, AIII, B, in accordance with the regulations on flammable liquids VbF/TRbF/VAWS/EX-RL
3. The dump tanks come fitted with venting, limiting value transmitters and over fill fuses (ATEX).
4. reuse of media AI, AIII by means of processing for tanking in in-house vehicles (by means of fuel pistols)
5. floor tank with a storage volume of 1400 l – in accordance with section 19 of WHG (German Law on Water Resources Management) (6500 x 2500 x 100 mm)
6. support for motor vehicles, load 5 tons
7. usable for several firms together, cost cutting/cooperation
8. flow rate – 8 hours ca. 48 vehicles
9. building licenses with simplified "BimSchG" (license concerning the protection against harmful effects on the environment)



10. pneumatic pumping technology (high performance, low wear)

11. All technical devices, drilling and suction units, tools are included in the purchase price.

### **Conditions for the Installation of the Facility:**

a) building license with simplified BimSchG

b) if applicable, safety distances to other constructions

c) electric power supply by builder by means of a EURO plug 220 V

d) earthing of the facility by builder

e) surrounding field navigable fork lift truck

f) compressor, carrying capacity 350 ltr.

g) facility under canopy (hall) by builder