

GESTRA's Mobile Testing Station will come to you

GESTRA's mobile testing station serves as rolling test, information and training centre. Our qualified and experienced engineers will come directly to your plant with the mobile testing station. All we need from you is steam, water and electricity. Demonstrations will be carried out in accordance with your wishes and requirements. The mobile testing station offers the possibility of giving practical information on a broad basis. Steam traps from your own plant can be directly installed and tested on the mobile testing station.

Steam and Condensate System

The steam and condensate system permits the demonstration of the mode of operation of different steam traps under practical conditions. All known steam traps on the market with screwed or flanged connections up to DN 25 mm (1") can be shown "in action".

Our steam trap monitoring system will demonstrate how to avoid steam losses and save costs. .

A few examples:

- ▶ Float traps with or without air venting
- ▶ Thermostatic steam traps with bimetallic regulator
- ▶ Thermostatic steam traps with membrane regulator
- ▶ Thermodynamic steam traps
- ▶ Steam traps with adjustable discharge temperature
- ▶ Condensate drain valves

Furthermore "on board":

- ▶ Oil and turbidity detector for continuous monitoring of condensate and cooling-water systems to detect any penetration of oils, grease and other insoluble impurities
- ▶ Cooling-water control valve
- ▶ Pressure controller





Technical Data of the Mobile Testing Station

Teststation

- ▶ PN 40
- ▶ Steam pressure up to 18 barg, 230° C available: steam hose, 20 m long
- ▶ Flanged connections DN 15, 20, 25 mm (1/2, 3/4, 1"), DIN or ASME
- ▶ Max. operating pressure of the test bench 15 barg
- ▶ Alternative current 220 V $\pm 10\%$, 50 Hz, 16 A, available: extension cable, 25 m long
- ▶ Cold water up to 16 barg available: water hose, 25 m long
- ▶ Compressed air up to 10 barg compressor available

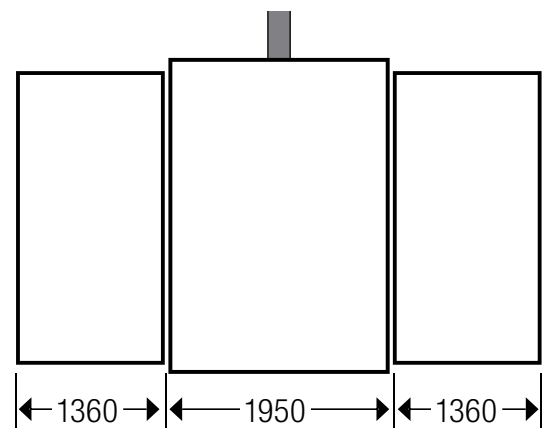
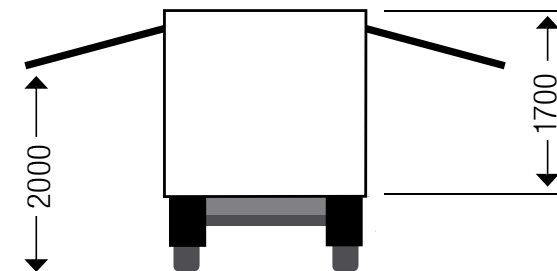
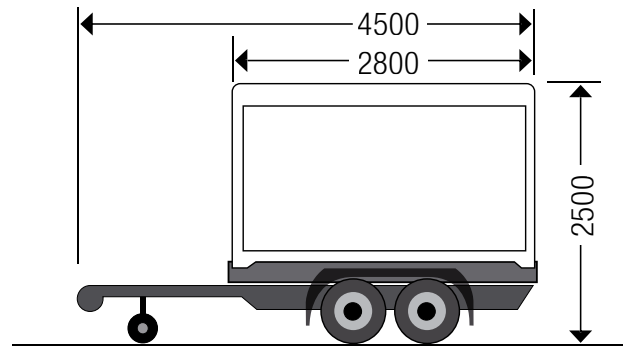
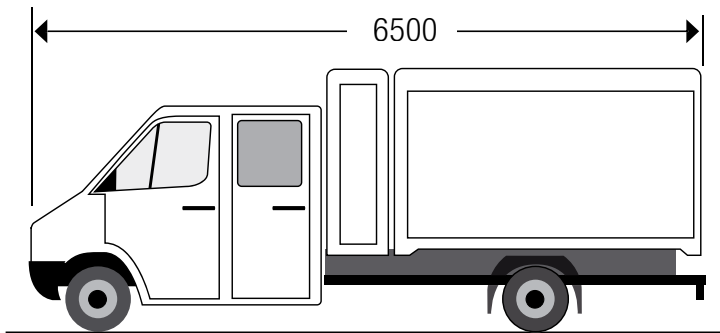
Condensate and cooling-water discharge hoses are available.

Electrical high speed steam generator

If steam cannot be provided by the customer

- ▶ Three-phase current 400 V, socket type 63 CEE, 35 A - 63 A
- ▶ Fuse 63 A - 5 bar for approx. 30 kg/h steam, or fuse 36 A - 3 bar for approx. 10kg/h steam

Length of on-board cable: 15 m.



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