

Tents and Containers from Schall

M. Schall GmbH & Co. KG was founded in 1956 in the city of Merzenich (West of Cologne). Today, the complete manufacture of canvas covers (e.g. for tents and vehicles) is still carried out at this location. Also, the department for the production of cabins for field conveyor vehicles which was founded in 1984, is located in Merzenich. In 1993 the product range was extended with the establishment of a second production plant for scaffolding, special aluminium constructions, containers and shelters in nearby Girelsrath. Since then, the 120 employees of the company have been active as „Your partners for mobile applications“ in areas such as

- Mobile operating-stations
- Functional tents
- Industrial tents
- Mobile solutions
- Party tents and tents for special events
- Protection cabins and tarpaulin covers.

The company has been a supplier of the Bundeswehr since 1993 with a portfolio including the development and supply of modern conventional military tents, spacious open-plant tents, multi-purpose tents, rapid deployment tents (for AMF) as well as ISO and special containers for medical use and to accommodate radio equipment.

For the field camp, spacious open-plant tents, multi-purpose tents and floodgate systems for field kitchens and laundries are under contract.

Multi-Purpose Tent II

This tent with a gable roof has a width of 6.31 m, a height at roof ridge of 2.99 m (lateral height 2.13 m) and a length of 7.45 m for the basic unit which can be extended each by 2.40 m in length and through lateral extensions. Including internal cover and awning the loading volume of a basic unit is approx. 2.5x1.2x1.0 m. The basic unit, including the rigid floor plates (2.4 x 1.2 m)

Multi-purpose tent II



and an awning, can be assembled by four staff without tools and ladders in about one hour. The framework consists of anodised aluminium, the fittings are corrosion protected. The external tarpaulin (which can be turned) is made of PVC-coated fabrics which are white on the inside and bronze-green on the outside. The tarpaulins are inserted by strong keder-ropes into the keder-grooves at the framework, thus making the tent absolutely tight against snow, rain and dust. The tent is anchored by the floor-plates and earth nails and is storm-proof (winds up to 120 km/h) without any additional bracing. The doors in the outer tarpaulin are lockable by buttons or by zipper. The windows have welded gaze, flap for darkening and flap made of poly-glass.

- Additional equipment items include
- internal tarpaulin made of lined fabric, condensation absorbing, outside PVC-coated and with closable windows
 - insulated not inflammable floor-panels in sandwich design, or a wooden floor with aluminium substructure or PVC-coated textile floor
 - awning for additional insulation
 - separating walls as well as single cabins
 - sluices to connect tents with tents or containers.

Operating Tent

The design and technical layout of the operating tent corresponds with that of the multi-purpose tent. The basic unit has a length of 12 m and can be extended up to 180 m by 3 m modules. The width is 12 m, the height at roof ridge is 5 m and the lateral height is 3 m. The longest part has a length of 5.80 m. The thermal insulation is excellent due to air inclusion between external and internal tarpaulin. For additional insulation awnings



Operating tent with awning

are available. The floor has an aluminium substructure and impregnated wooden plates made of fir/spruce with screwed hardwood cross beams.

Two tent units of 12x30 m each are used for the field camp as service and community areas.

Awnings

To significantly reduce the inside temperature - e.g. 8°C for the multi-purpose tent - Schall offers awnings for tents and containers. The awnings are anchored at the tent or the container and are storm-proof. If desired, they can be used on both sides, with two-coloured designs. Each set comes with complete mounting material and, as there are no loose parts, fast mounting is possible.