

## HTS-RDS Inflatable Shelter Series

HTS-RDS Inflatable Shelter Series are incredibly quick and easy to set up, generally taking around 5 minutes for one or two people, depending on size and tent configuration and requiring little effort or experience. They are also very multi-functional, providing ideal environments for accommodation, living space, HQs medical tents, weather shelter or workspace.

### Technical Dimensions

<b>Width:</b>	5.65m
<b>Length :</b>	7.92m
<b>Side height:</b>	2.80m
<b>Peak height:</b>	3.00m
<b>Bay distance:</b>	2.70m
<b>Floor space:</b>	44.74 sqm
<b>Inflatable arches:</b>	4 units
<b>Wind load:</b>	80 km/hr
<b>Snow Load:</b>	25 kg/sqm

### Packaging Dimensions

<b>Longest part:</b>	1.30m
<b>Weight (approx.):</b>	225.00 kg
<b>Transport dimensions:</b>	1 Palette (1.30m x 1.20m x 1.00m)

### Technical Characteristics

- **Frame Fabric :** Made out of PVC 1000 gr/sqm **Roof Cover :** Made out of PVC 620 gr/sqm  
**Floor Cover :** Made out of PVC 550 gr/sqm

#### Set up time

- **Standard compressor :** approx. 260 sec / 0.15 bar **Turbo compressor :** approx. 240 sec / 0.25 bar  
**Compressed air bottles :** approx. 95 sec / 0.3 bar

#### Turbo blower

- **Engine type :** 2 motor turbo blower **Air flow rate :** 2 x 60 l/s **Voltage :** 220-240 V/50 Hz **Weight :** 1.95 k



#### HEAD OFFICE, PRODUCTION & SALES OFFICE

HTS-RDS / Röder HTS Höcker GmbH  
Hinter der Schlagmühle 1, 63699 Kefenrod, Germany

#### CONTACT

**T:** +49 (0) 6049 9510-0 **F:** +49 (0) 6049 9510-20  
**E:** rds@roeder-hts.de **W:** www.hts-rds.com

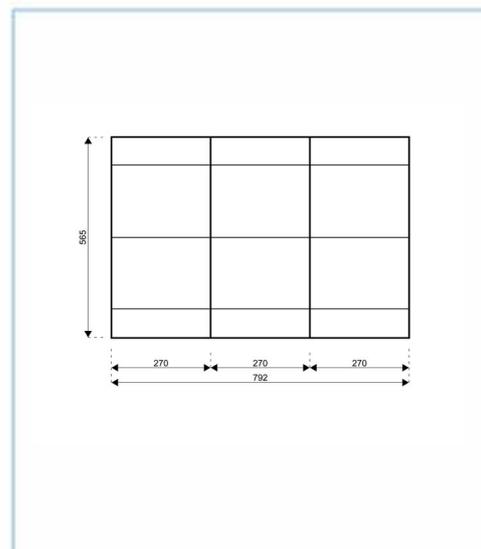
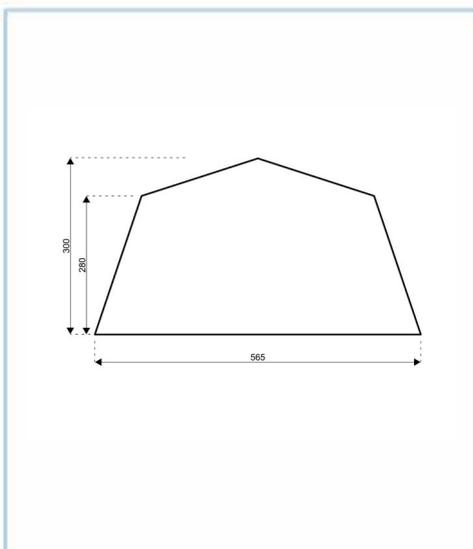
## Technical Features

### Structure

- High-quality PVC, 1000 gr/ sqm
- Tensile strength: warp/ weft: 3000 N/5cm / 3000 N/5cm
- Tear resistance: warp/ weft: 250 N / 250 N
- High frequency welded
- Colour grey

#### Flooring:

- The floor is made out of PVC polyester fabric, colour grey
- Sewn tight to the cover
- Flame retardant according to DIN 4102-B1, M2



### Covers

- High-quality PVC, 620 gr/ sqm
- Tensile strength: warp/ weft: 2500 N/5cm / 2500 N/5cm
- Tear resistance: warp/ weft: 250 N / 250 N
- Standard colour: white, green, dessert
- Entrance on each gable side
- Mudflap fixed at covers end
- Mudflap made out of PVC in grey colour, same colour as the floor
- Roof cover with windows, each window with mosquito netting, transparent and PVC flap
- Waterproof
- Putrefaction-restraining (anti-fungicidal)
- Flame retardant according to DIN 4102-B1, M2
- Packbags made out of PVC material for complete tent with accessories

## Standard & Additional Accessories

Röder HTS Höcker GmbH provides an unlimited range of accessories to support its range of military and relief shelter systems.

### Standard

- Valves for blowers and / or compressed air bottles
- Ventilation holes
- Rollable and divisible entrances
- Pipelines for heating and cables
- PVC ground cover
- Ground anchors made out of steel, galvanised, length: 30 cm
- Storm wires
- Repair kit
- Packing bag for tent and accessories

### Additional

- Ventilation holes
- Partition wall
- Covers made out of PVC material in different colours available
- Electrical equipment (Distribution boxes, lighting systems, cables...)
- Heating, ventilation, air conditioning - System (HVAC)
- Complete camp solution, including supply, installation, maintenance and much more