

LANCO

TentTech · DeconTech · FlexTank


Exoskeleton tents


RDT





What makes this tent range so special is the exoskeleton frame which allows rapid deployment.

Even in rain or snow the inside of the tent stays dry during setup, because the tent skin is pulled up and attached in one piece underneath the frame.

 Setup in less than 10 minutes

 Resistant to atmospheric agents

 Reduced transport and storage size and weight

 Withstands winds of up to 130 km/h and snow loads of up to 50 kg/m²

Tent skin

The tent skin and the groundsheet are made of high-quality PVC-coated polyester fabric. They are joined by high frequency welding; therefore, the seams are watertight. As a standard, the tent skin is flame retardant according to the DIN4102 B1 standard. Fabrics that meet different standards are available upon request. The tent is equipped with rear and front door with entrance flap, four passages for climatization and cable passages as well as a window for each panel between two leg poles.

Frame

The frame is made of especially designed anodized aluminum profiles; the connectors consist of die-cast aluminum.

Independent of the tent size, the roof area of the frame comes readily assembled in one piece. Leg poles and extendable base plates are also pre-assembled and only need to be slipped on the corner connectors.

For

our RDT S range (vertical sidewalls), we designed a reinforced frame to help further improve wind resistance for the tents deployed in the harshest environments. The new tests certify that our RDT S tent series can withstand winds in gusts of up to 130 km/h and snow loads of up to 50 kg/m² with sunroof.

The anchoring for winds over 100 km/h must include: 4 guy ropes Ø10mm per arc (2 per side each of the arc) with 1 peg Ø25 x 80cm per line and 4 guy ropes to each front and rear.

Standard equipment included in the scope of delivery

The tent comes with complete frame, tent skin with integrated flooring, pegs to anchor the frame and tent skin, hammer, packing bags for tent skin, frame, and accessories.

Technical data

(all values approx.)

	RDT 18	RDT 36	RDT 54	RDT S18	RDT S36	RDT S54	RDT S70	RDT S620-3	RDT S620-6	RDT S620-9	RDT S620-12
Base area	18 m ²	36 m ²	54 m ²	18 m ²	36 m ²	54 m ²	70 m ²	19 m ²	37 m ²	56 m ²	74 m ²
Side wall style	sloped	sloped	sloped	vertical	vertical	vertical	vertical	vertical	vertical	vertical	vertical
Frame length	3.00 m	6.00 m	9.00 m	2.90 m	5.80 m	8.70 m	11.60 m	3.00 m	6.00 m	9.00 m	12.00 m
Frame width	5.80 m	5.80 m	5.80 m	5.80 m	5.80 m	5.80 m	5.80 m	6.20 m	6.20 m	6.20 m	6.20 m
Frame eaves height	2.15 m	2.15 m	2.15 m	2.20 m	2.20 m	2.20 m	2.20 m	2.38 m	2.38 m	2.38 m	2.38 m
Frame max. height	3.00 m	3.00 m	3.00 m	3.40 m	3.40 m	3.40 m	3.40 m	3.66 m	3.66 m	3.66 m	3.66 m
Tent eaves height	2.05 m	2.05 m	2.05 m	2.15 m	2.15 m	2.15 m	2.15 m	2.30 m	2.30 m	2.30 m	2.30 m
Tent max. height	2.70 m	2.70 m	2.70 m	3.15 m	3.15 m	3.15 m	3.15 m	3.40 m	3.40 m	3.40 m	3.40 m
Snow load resistance*)	up to 50 kg m ²						up to 50 kg m ²				
Wind resistance	up to 105 km/h						up to 130 km/h				
Assembly personnel	2	3	4	2	3	4	5	2	3	4	5

*) in combination with flysheet and roof support poles



Options

- ▲ Fabric according to military standards
- ▲ Additional side entrances or windows
- ▲ Adapter to connect tents
- ▲ Inner liner made of cotton, PU-coated polyester, or isolation fabric
- ▲ Partition wall
- ▲ Sunroof
- ▲ Protection groundsheet
- ▲ Connection module tent to tent/vehicle/container
- ▲ Entrance module
- ▲ Hard plastic flooring
- ▲ Lighting
- ▲ HVAC
- ▲ Lettering/branding

Colors



*Other colors are available upon request