

Mobile Mast Shelter



Design:

The Mobile Mast Shelter is designed with three main units, a 16,5 m telescopic masts unit with feeder cable winder for telecom and radio with dock connectors to a Safe Shelter, all mounted on a trailer chassi. The Mast Unit is erected and operational in 20 minutes.

The trailer is also designed for a diesel generator. The Mobile Mast Shelter is designed and manufactured in accordance with ISO 9001 and 14001



Shelter sizes	External dimensions (mm)			Internal dimensions (mm)			Number of cabinets 600x400	Weight (kg)
	length	width	height	length	width	height		
SA10	2991	2438	2591	2660	2155	2300	8	1720
SA12	3591	2438	2591	3260	2155	2300	10	2030
SA15	4525	2438	2591	4194	2155	2300	12	2340
SA20	6058	2438	2591	5727	2155	2300	16	3150
SA30	9125	2438	2591	8794	2155	2300	26	4050
SA40	12192	2438	2591	11861	2155	2300	36	4620

Technical Specifications



Mast Unit:

All parts are galvanized or stainless steel. Height: 16,5 m

Maximum top load: 100kg with 1 m² area. Vind speed: up to 30 m/s

Module weight: 1100 kg



Trailer:

Two axle container trailer with total weight 10 ton

With beams and fastening for a ISO container.

Four hydraulic or manually controlled support legs

Three extendable arms for guy lines.



Safe Shelter:

Floor: Sandwich panel, equal to walls with antistatic plastic carpet on top.

Walls: Sandwich panel with HCFC free foam core with continuously welded and lacquered steel facings on in and outside:

Ceiling: Sandwich panel, equal to walls

Color: Outside RAL 7035 grey or RAL 9010 white, Inside RAL 9010 white, or according to your specification.

Thermal insulation: U-value: less than 0,6 W/m² K

Entrance: Entrance door 900x2000 mm



Options:

Power distribution board | Interior lighting

Cable shutes and cable inlets | Below some examples of options,

ESD safe plastic carpet | Entrance roof | Entrance Stepladder

Door barrier | Outdoor light | Outdoor Earthing | Alarm terminal | Climatic control