

AARONIA AARTOS

# TRAILER MAST

25 M VERSION



## Highlights:

- Height adjustable up to 25 m
- The perfect add-on for any AARTOS DDS System
- Ready to use in 15 minutes

  
**AARONIA AG**  
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MADE IN GERMANY

# Technical Data

## The perfect add-on for any AARTOS DDS System – Introducing Aaronia’s Antenna Trailer Mast

When it comes to setup and depletion times, Aaronia’s mobile trailer masts raise the bar. What makes the masts particularly stand out is their tremendous precision, absolute reliability, and high maneuverability even in rough terrain.

Due to highest quality standards, Aaronia’s masts guarantee consistent data flow even in furthest reaches or under the most adverse weather conditions.

Vehicle- or trailer-mounted, antenna support is most widely used by defense forces, emergency management agencies as well as telecom providers.

## Key features of the Aaronia trailer masts include:

- Space-saving
- Lightweight
- High maneuverability both on paved roads and dirt tracks
- Quick and easy to set up and dismount with little manpower
- Mast top guarantees great precision even under the most adverse weather conditions
- Highly reliable
- Extremely user-friendly and easy to maintain
- Vast scope of application
- High compatibility
- In absolute compliance with military standards

Technical Specifications	
Product Dimensions Transport [W x H x L]	2500 x 2950 x 6870 mm
Product Dimensions Assembly [L x W]	14740 x 14740 mm
Weight	3500 – 4500 kg
Installation	Semi-automatically
Assembly Time	16 min
Mast Height	10 – 27 m
Area Exposed to Wind	1 – 3 m <sup>2</sup>
Max. Payload	170 – 220 kg
Inclination	± 1,0° – ± 1,5°
Torsion	≤ 0,5°
Max. Wind Speed (Operational)	90 – 108 km/h
Max. Wind Speed (Survival)	108 – 120 km/h
Telescoping	Infinitely variable via winch
Erection and Depletion	Electrically via winch
Max. Gradient	± 10°
Power Supply	24 V DC/230 V/400 V



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- OVER 100 INSTALLATIONS IN 2019 -  
(HUNDREDS CURRENTLY IN PREPARATION)



## CUSTOMER GROUPS

- Military & police forces (ground & air)
- Convoys
- Airports
- Power plants
- VIP security services
- Border patrols
- Government buildings  
(e.g. embassies, correctional facilities)
- Events  
(concerts, political events, sports etc.)
- Seaports / marinas
- Private properties

AARTOS DDS  
**REFERENCES**