

# Telescoping Mast Technical Specification



This document provides technical specifications for the **ATS Telescoping Mast**, which can be purchased as an option with the 380 Surveillance-Ready Trailer.

## Features

- Lightweight and portable
- High payload capacity
- High wind tolerance
- Six extensible sections
- Hitch mounted
- Twenty-two ft. (6.7 m) tall when hitch mounted
- Pneumatic mast deployment requires no electricity

## Payload and Wind Tolerance

Description	Capacity
<b>Payload capacity</b>	44.1 lb. (20 kg)
<b>Safe unguyed capacity</b>	60 mph (100 km/h)
<b>Safe guyed capacity</b>	80 mph (128 km/h)



## Weights and Dimensions

Description	Weights and Dimensions	
<b>Weight</b>	24 lb. (10.8 kg)	
<b>Deployed height</b>	22 ft. (6.7 m), including ground clearance	
<b>A – Collar stack (height)</b>	9.9 in. (25 cm)	
<b>B – Stowed (nested) height</b>	59.1 in. (1.5 m)	
<b>C – Base tube Ø (diameter)</b>	3.5 in. (8.9 cm)	
<b>D – Max collar Ø</b>	5.6 in. (14 cm)	
<b>Top section Ø</b>	2.25 in. (5.7 cm)	

## Essential Mounting Hardware

1. Anodized aluminum alloy sections
2. Hand-operated pneumatic lift
3. Mounting studs
4. Water drain plug
5. Air-release valve
6. Section-clamping screws
7. Guy collar
8. Quick-clamp for payload

Dry operating temperatures:

- -40 F to 131 F (-40 C to 55 C)
- Field / vehicle / shelter deployment



**NOTE:** The telescoping mast is sold with the 380 Surveillance-Ready Trailer, and is not sold separately.

Cameras are not included with the Telescoping Mast.

