

## HD Series

**HD9-4, HD9-4L, HD9-7, HD9-7L, HD9-11, HD9-11L, HD9-12, HD9-12L, HD9-17, HD9-17L, HD9-18, HD9-18L, HD9-21, HD9-21L, HD9-24, HD9-24L, HD9-31, HD9-31L**

**Designed to the highest possible specifications, our Heavy Duty masts are the largest and most rugged in our portfolio.**

This range is designed for applications needing high head load support, extended heights, and strong wind resistance. It uses aluminium tubes with smaller diameter increments, creating stronger top sections and allowing up to 12 sections per mast. This design enables impressive height extension from compact retracted forms, offering excellent flexibility and load-handling capability.

**Typical Applications:**

- Mounting video cameras fitted with telephoto lenses
- Microwave dish antennas for Electronic News Gathering/Outside Broadcast
- Direction sensitive antennas or devices
- CCTV
- Floodlighting, anemometers and survey equipment
- Mobile cell sites



Mast	Height Extended (m)	Height Retracted (m)	Number of sections	Top Section Diameter (mm)	Vertical Headload	Max Wind Speed Unguyed (kph)
HD9-4	4.44	1.55	5	178	420	200
HD9-4L	4.44	1.6	5	178	420	200
HD9-7	6.82	1.7	8	140	264	190
HD9-7L	6.82	1.79	8	140	264	190
HD9-11	10.7	2.32	7	152	312	140
HD9-11L	10.7	2.4	7	152	312	140
HD9-12	21.1	2.37	8	140	264	110
HD9-12L	12.1	2.46	8	140	264	110
HD9-17	17.4	4.22	5	178	150	90
HD9-17L	17.4	4.27	5	178	150	90
HD9-18	18.1	2.56	12	89	90	55
HD9-18L	18.1	2.71	12	89	90	55
HD9-21	20.7	4.27	6	165	140	65
HD9-21L	20.7	4.33	6	165	140	65
HD9-24	24.1	4.32	7	152	90	50
HD9-24L	24.1	4.39	7	152	90	50
HD9-31	30.9	4.42	9	127	40	35
HD9-31L	30.9	4.51	9	127	40	35

L indicates masts with locking collars.



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## Mast Mounting Options and Accessories



### Mounting Brackets

For mounting masts to the vertical surface of a vehicle or building, the kit comprises two brackets. The aluminium top bracket has one half detachable to allow for removal of the mast without disturbing the bracket fixings. It incorporates Teflon bearing rings to protect the mast and a thumb screw for locking it in any desired azimuth position.



### Compressor Remote Control

The compressor remote control is a three-position switch. It enables the mast to extend, retract, or hold the mast at any desired height, providing full control during setup. For optimal integration, these switches should be ordered with the compressor at the time of manufacture.

### Compressor Range and Extension Times

All models incorporate a pressure controlled switch to maintain the correct mast working pressure. They are quiet, maintenance free and assembled from components that have a proven reliability over many years.

Mast	Height Extended
NC2	1.2
NC3	2.7
NC4	On Request



### HD Tilt Over Post

This is ideal for mounting a HD mast horizontally, enabling quick and easy deployment in minutes. Built to our usual high standards, it provides a robust base for your telescopic mast.



### Vehicle Fitment

For mounting masts through the roof of a vehicle or shelter. The assembly comprises an upper and lower aluminum bearing. The upper has three separate components, a flange fitted with a Teflon ring that is bolted to the outer skin of the vehicle, a tapping plate and a weatherproof shield that clamps to the mast. The lower bearing base plate has a Teflon disc to permit easy rotation of your mast and a thumb screw for locking it in position.



### Mast Cover

For weather protection when mast is not in use. Made of strong waterproof material. Available as an end cover or a full mast cover. Every mast in our range has an available cover.