

# **CLARK MASTS™**

## **DAF SERIES TELESCOPIC MASTS**



*Telescopic and Sectional Mast Systems*



# DAF SERIES FIELD MAST KITS

## INTRODUCTION

THE DAF (Deployable Antenna Field) Series of telescopic masts is based on the ST (3" base tube) and NT (3.5" base tube) Series masts. They are sold as a field kit complete with guy kit. With field legs folded in, the mast can be easily carried by one or two persons depending upon the model. Designed for rapid deployment by one or two persons they are supported by four adjustable, telescopic field legs attached to the base tube. Made from high strength aircraft grade, seamless drawn aluminium tube with many of the features found in much larger masts including a machined keyway in the telescopic sections to ensure accurate positioning of headload equipment. Extension is made using the integral hand pump.

The masts require guying in windy conditions and above certain heights and are supplied with terylene guy assemblies with spring-loaded tensioners, heavy duty steel ground pickets, steel ground spikes for the mast base and a hammer supplied in a heavy-duty nylon canvas carry bag.

The masts have a quick release 24 mm top socket for rapid attachment and removal of equipment.



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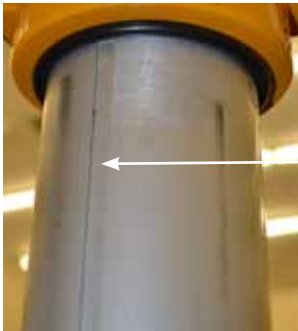
# DAF SERIES MAST FEATURES



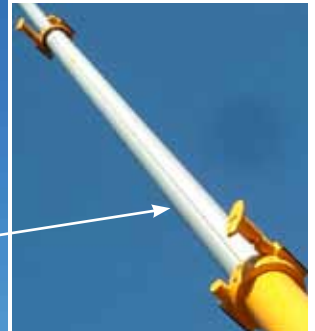
24 mm Top Socket and Guy Collar.



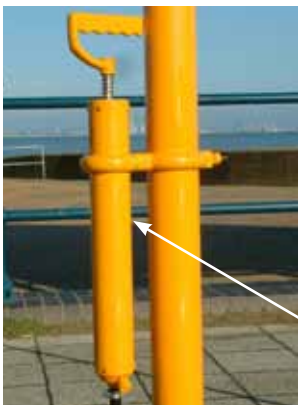
Large Handles for easy clamping.



Machined Keyway aligning telescopic sections.



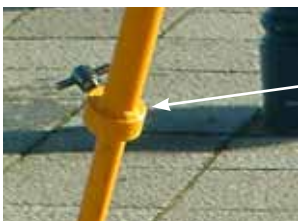
High tensile corrosion resistant anodised aluminium sections.



Integral Hand pump.



Field Leg Collar.



Adjustable spiked Field Legs.



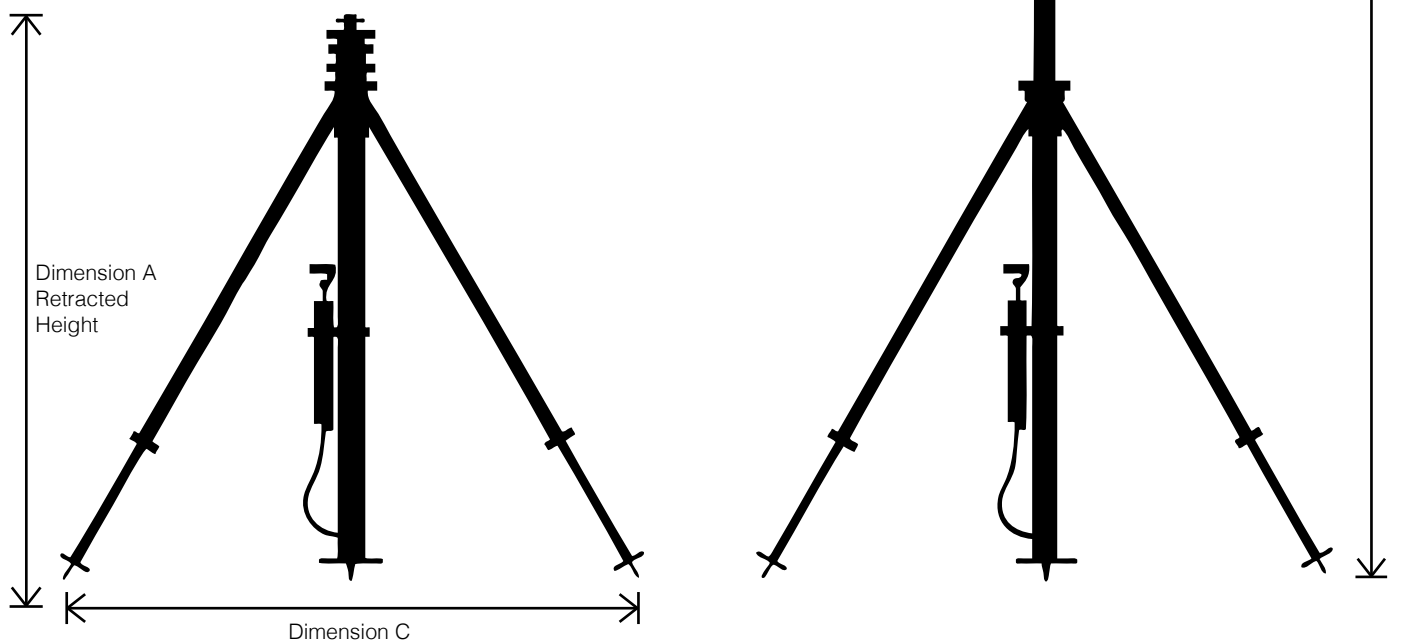
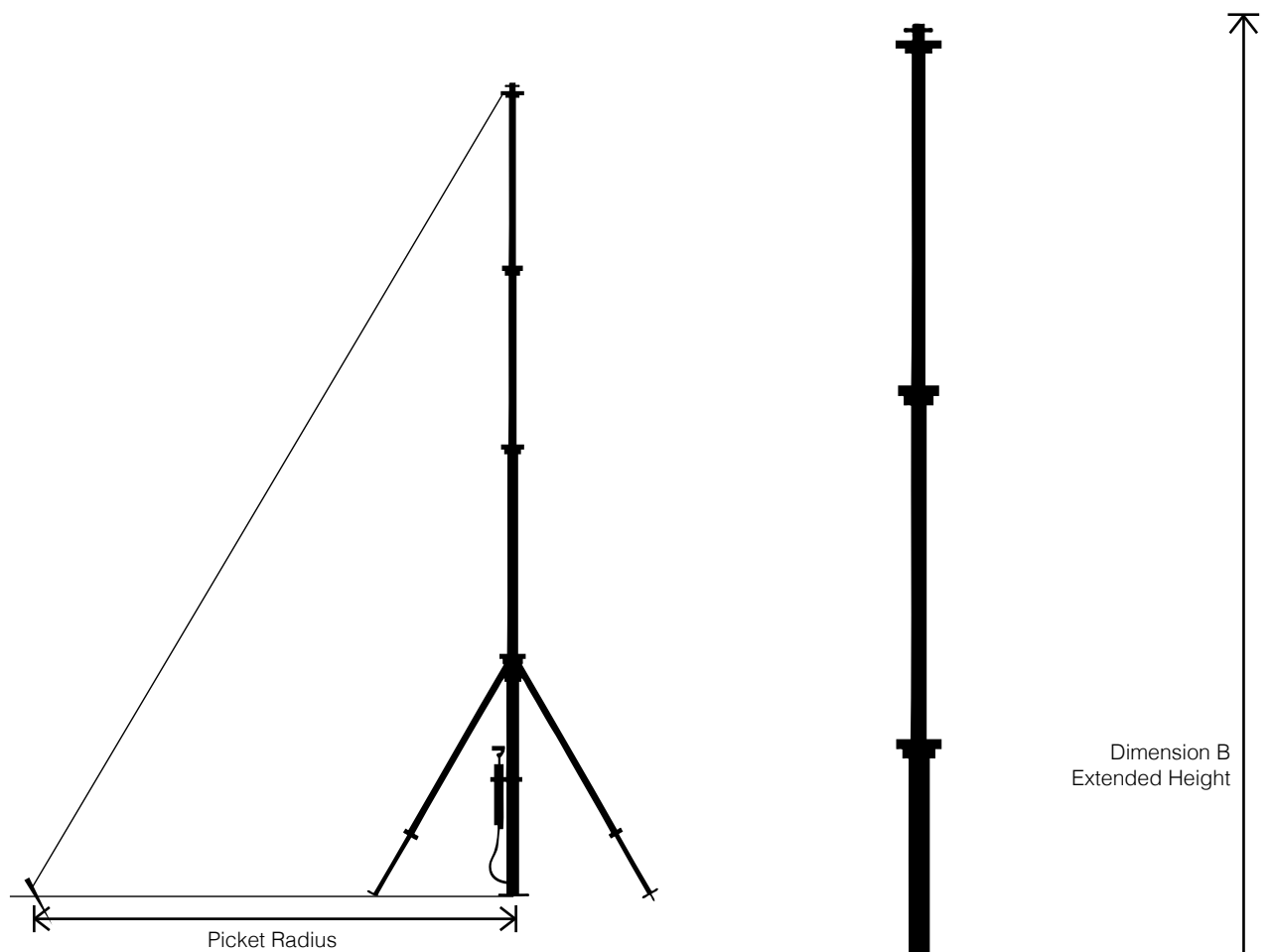
Base with Air inlet, Pressure Relief/Drain Valve and Ground Spike holes.



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# DAF SERIES MAST DIMENSIONS





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## DAF Series Field Mast Kits

| <b>MAST MODEL</b>               | <b>DAF 45</b> | <b>DAF 55</b> | <b>DAF 65</b> | <b>DAF 90</b> | <b>DAF 120</b> |
|---------------------------------|---------------|---------------|---------------|---------------|----------------|
| Cat. No.                        | 28451         | 28452         | 28453         | 28454         | 29410          |
| Dimension A (Retracted height)  | 1.60 m        | 1.86 m        | 2.12 m        | 2.82 m        | 4.00 m         |
| Dimension B (Extended height)   | 4.50 m        | 5.50 m        | 6.50 m        | 9.00 m        | 12.35 m        |
| Dimension C (Approx)            | 1.70 m        | 1.98 m        | 2.25 m        | 2.25 m        | 2.25 m         |
| Weight of DAF Mast Kit (Approx) | 24 kg         | 28 kg         | 31 kg         | 37 kg         | 39 kg          |
| Maximum recommended headload    | 20 kg         | 20 kg         | 15 kg         | 15 kg         | 10 kg          |
| Minimum picket radius           | 2.70 m        | 3.30 m        | 3.90 m        | 5.40 m        | 7.20 m         |
| Number of sections              | 4             | 4             | 4             | 4             | 4              |

## DAF NT Series Field Mast Kits

| <b>MAST MODEL</b>               | <b>DAF/NT 45-4</b> | <b>DAF/NT 55-4</b> | <b>DAF/NT 65-4</b> | <b>DAF/NT 90-4</b> | <b>DAF/NT 120-4</b> |
|---------------------------------|--------------------|--------------------|--------------------|--------------------|---------------------|
| Cat. No.                        | 44455              | 41802              | 44457              | 44458              | 44459               |
| Dimension A (Retracted height)  | 1.60 m             | 1.86 m             | 2.12 m             | 2.82 m             | 4.00 m              |
| Dimension B (Extended height)   | 4.50 m             | 5.50 m             | 6.50 m             | 9.00 m             | 12.35 m             |
| Dimension C (Approx)            | 1.70 m             | 1.98 m             | 2.25 m             | 2.25 m             | 2.25 m              |
| Weight of DAF Mast Kit (Approx) | 27 kg              | 32 kg              | 34 kg              | 41 kg              | 44 kg               |
| Maximum recommended headload    | 35 kg              | 30 kg              | 30 kg              | 25 kg              | 20 kg               |
| Minimum picket radius           | 2.70 m             | 3.30 m             | 3.90 m             | 5.40 m             | 7.20 m              |
| Number of sections              | 4                  | 4                  | 4                  | 4                  | 4                   |

## DAF NT Series Field Mast Kits

| <b>MAST MODEL</b>               | <b>DAF/NT 60-5</b> | <b>DAF/NT 90-5</b> | <b>DAF/NT 100-5</b> | <b>DAF/NT 150-5</b> |
|---------------------------------|--------------------|--------------------|---------------------|---------------------|
| Cat. No.                        | 45110              | 45535              | 45718               | 45056               |
| Dimension A (Retracted height)  | 1.78 m             | 2.44 m             | 2.65 m              | 4.00 m              |
| Dimension B (Extended height)   | 6.00 m             | 9.00 m             | 10.00 m             | 15.00 m             |
| Dimension C (Approx)            | 1.70 m             | 1.98 m             | 2.25 m              | 2.25 m              |
| Weight of DAF Mast Kit (Approx) | 35 kg              | 44 kg              | 45 kg               | 50 kg               |
| Maximum recommended headload    | 20 kg              | 15 kg              | 12 kg               | 10 kg               |
| Minimum picket radius           | 3.6 m              | 5.4 m              | 6.0 m               | 9.0 m               |
| Number of sections              | 5                  | 5                  | 5                   | 5                   |

## Kit Contents



| <b>Item</b> | <b>Description</b>           | <b>Quantity</b> |
|-------------|------------------------------|-----------------|
| 1           | DAF Mast                     | 1               |
| 2           | Accessory Bag<br>Containing: | 1               |
| 3           | Guy Assembly                 | 3               |
| 4           | Hammer                       | 1               |
| 5           | Spikes                       | 4               |
| 6           | Pickets                      | 3               |

# DAF SERIES MASTS IN USE

## VERSATILE

DAF Masts are ideal for rapid deployment and for a wide variety of purposes.



### Public Address System

Shown here retracted, the DAF Mast is ideal as a portable mast system for use in emergencies or at outdoor events.



### Weather Station

The DAF Mast used as a weather or environmental monitoring station.



### Surveillance

Fitted with a CCTV camera for temporary surveillance and perimeter security.



### Site Security

Highly portable and rapid deployment time make the DAF mast ideal for site security.



### Clamp Collars

Clamp collars allow the mast to be left unattended for long periods without the risk of lowering.



### Communications

Rapidly deployed for temporary communications.

# ACCESSORIES

## ACCESSORIES

A selection of the most popular accessories for use with the DAF Series masts.



### Universal Antenna Adapter

This adapter has a double vee clamp to accept antennas with a spigot diameter up to 25.4 mm in one plane and 38.1 mm diameter in the other.

A smaller version for smaller diameters is also available.\*

Cat. No. 8999  
Cat. No. 1344\*  
Weight: 0.45 kg



### End Fed Adapter

This adapter is designed to hold end fed dipole antennas with an outside diameter of up to 38.1 mm. A side hole is provided for the feeder cable.

Cat. No. 1374  
Weight: 0.56 kg



### Antenna Adapter - Tubular

This adapter is designed to attach a headload using adjustable U bolt clamps.

**24mm x 50mm x 200mm**

Cat. No. 49735

**24mm x 50mm x 400mm**

Cat. No. 49736

**24mm x 50mm x 600mm**

Cat. No. 49705

Weight: 1.00 kg - 2.00 kg  
dependent upon size.



### 1 metre Height Extender

This attachment adds 1 metre height. It is fitted with a guy collar and 24 mm quick clamp socket.

Cat. No. 6974  
Weight: 1.10 kg



### Mast Carry Bag

Made from heavy duty nylon canvas material these bags are designed to protect and transport the mast unit.



Cat. No. Dependant on  
Mast



### Video Camera Adapter

The adapter has a circular flange to accept universal camera fixing bolts. Features a central cable routing facility for end fed cameras.

Weight: 0.30 kg



**CLARK  
MASTS<sup>TM</sup>**

All details given in this publication are approximate and may be subject to change without notice.

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*“World Headquarters Design and Manufacturing Centre”*