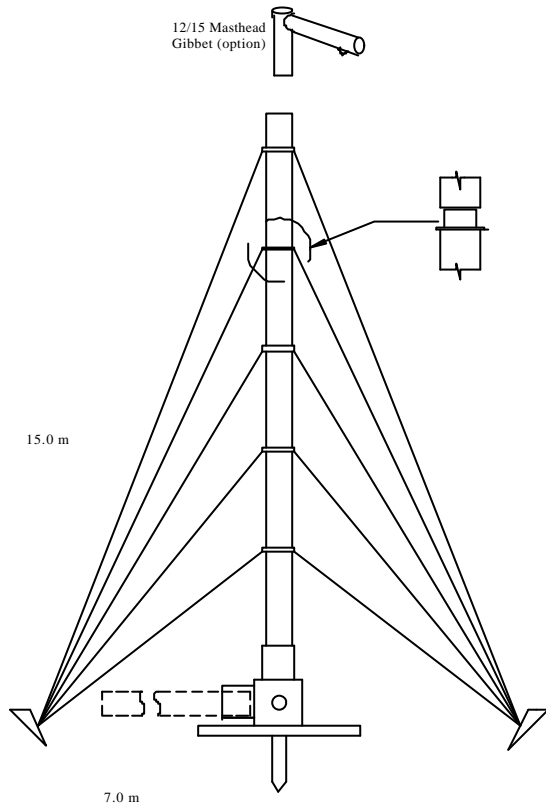




# M O O N R A K E R

## Types 15 GM – 12GM

### Guyed Portable Mast/Antenna Systems



Moonraker types 15GM and 12GM Portable Masts are designed to support wire antennas, such as our HF types FD230 and HFB D/S Semi Delta Antenna, and VHF/UHF verticals, such as our type MD HB-G3 VHF colinear in wind speeds up to 144 km/h (90 mph – 40m/s). Other types including yagis may also be supported. An optional Masthead Gibbet, type 12/15GMG is available to permit the suspension of HF wire antennas in the inverted V configuration.

Lightweight, yet sturdy, this versatile mast system is constructed from heavy duty marine grade aluminium tubing. Each section is 3.0 metres (9.8ft) in length for ease of transportation. It is available in two lengths 15m (50ft), type 15GM and 12m (40ft), type 12GM. Both masts are supplied with ground plate and halyard pulley with Dyneema guys.

A gin pole makes for easy erection by two men. To facilitate fast deployment, slip joints are utilised so that each section slides simply into the next. An optional erection kit, type 12/15GME, with a set of 4 triangular guy stakes, 3.65m (12ft) gin pole and accessories is available.

### Specifications

	type 12GM	Type 15GM
<b>Height</b>	12 metres (40ft)	15 metres (50ft)
<b>Guy Radius</b>	6 metres (20ft)	7 metres (23ft)
<b>Number of Guys</b>	4 x 4 sets	5 x 4 sets
<b>Wind Loading</b>	144 km/h (90 mph) with 12kg (26.4 lbs) headload	144 km/h (90 mph) with 12kg (26.4 lbs) headload
<b>Weight of Mast (including guys, ground plate, ground spike, angled elbow and U bracket)</b>	28.4kg (62.5 lbs) unpacked 34.4kg (75.7 lbs) packed	34.5kg (76 lbs) unpacked 42kg (92.5 lbs) packed
<b>Weight of Masthead Gibbet (option)</b>	1.5kg (3.3 lbs) unpacked, 2kg (4.4 lbs) packed	
<b>Weight of Erection Kit (option)</b>	10.5kg (23.1 lbs) unpacked, 13.5kg (29.7 lbs) packed	

Specifications subject to change 10/08

**Moonraker Australia Pty. Ltd.** A.C.N. 009 531 211

**Tasmania Technopark, Dowsing Point 7010, Tasmania Australia**

Telephone 61 (0)3 6273 1533 Fax: 61 (0)3 6273 1749 Email: radiocom@moonraker.com.au