

AERIAL RIG INFORMATION

An aerial rig is a portable 4 legged frame with hang points at the top, can be used with silk, lyra, flying pole, static trapeze, corde lisse, or whatever you like.

(Note: unsuitable for swinging trapeze)

HOW IT WORKS

The head section has 4 sleeves for the legs to slide into. The legs are in multiple sections each, and by removing or adding leg sections, the height can be adjusted.

A standard Rigue reaches **6.6m** when all 4 legs are inserted. Each set of legs adjust the height by about 1.6m. Although this can be

customised to suit your needs

Finally a small chain is run around the base, or small pegs inserted, to lock in the legs. The base footprint is approx. 6m x 6.4m. It comes with pulleys and rope system so no climbing required to change apparatus!



The Construction...

Starting at top:

- Head section
- The hang points are 10mm wide tabs, much the same as Lyra tabs
- The leg sections
- Self Levelling feet with hole for pegging down
- All fittings are stainless steel, galvanised, or alloy, and the galvanised parts are fully Powder coated In your choice of colour.

These rigs are all custom made and not just 'off the shelf'. Meaning you can have or change whatever you like! Specific height? It doesn't matter, it's built to suit you!



CRUNCHTIME AERIAL EQUIPMENT

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Portable Freestanding Aerial Rig: Specifications

Rig consists of:

- 16 x Leg Sections (20 for an XL)
- 1 x Head section (900mm or 1400mm)
- 4 x Self levelling adjustable feet
- 16 x detent pins (20 for XL)
- 1 x 14m Rope (9m mini, 18m XL)
- 2 x Small pulleys with stainless steel bolts
- 1 x 25m 3mm chain (30m XL, none for mini)

Leg Sections: (16 for standard Rig, 20 for XL Rig)

Material: 50x50x2mm C350 Galvanised Steel, Duragal)

Length: 1700mm (1150mm for Mini Rig)

Weight: 3.7kg Per Leg (2.47 for Mini Rig)

Insert: 40x40x16mm x 300mm long C350 Galvanised

Base Legs: M16 Steel rod, curved welded to leg

Self Levelling Feet

50mm M14 Stainless steel thread

80mm Poly base with mounting holes

51mm Poly insert with M14 thread, fitted to Leg Section



Head Section: 2 sizes available, 900mm & 1400mm

Material: 100x50x3mm C350 Galvanized Steel, Duragal

Lengths: 1400 (or 900mm) x 285mmH x 250mmW

Weights: 11.65kg (1400mm) and 8.35kg (900mm)

Hang Points: 1400mm has 5 x small lugs, 900mm has 3 small lugs

Rope:

10.5mm Kernmantle braided nylon climbing rope

3100kg Breaking strain

Hang Points:

Custom laser cut 10mm C350 steel lugs, with an 80mm base fully welded, and a 14mm beveled hole (Lyra tab style)



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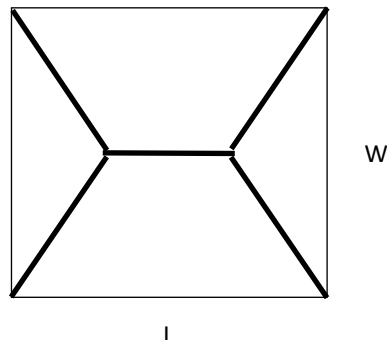
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Footprint



*Notes

All measurements are approximates, the Rigs are hand made and slight differences can occur. Please allow for some discrepancies.

All Rigs are interchangeable. We use the same material for all rigs, same inserts, same connectors, hardware etc. Mix and match is not a problem!

All sizes are for a 900mm head section, for a wide head please add 3.5kg and another 500mm in footprint width.

Adding width to a custom head section adds to the footprint, by the same size, e.g. Adding 200mm to a head, adds 200mm to the footprint width.

Rig are static tested to 1500kg

Rigs are designed to have a small amount of wobble, this is normal and required as part of the build

Rig legs do have a slight bow in them once erected, this is how it's supposed to be, the higher the rig, the bigger the bow.

Rigs are designed for Aerial Artists use only, please do not use them for non aerial activities, such as lifting up your car... :)

Dimension: Based on a standard 900mm head

Please allow extra for a wide head.

	XL	Standard	Mini	XS
Footprint	7m x 7.5m	6m x 6.3m	4.5m x 4.7m	2.4m x 2m
Height / Clearance	8.2m	6.6m	4.6m	2.7m
Height / Hang point	7.9m	6.3m	4.3m	2.5m
Weight Rating	150kg	300kg	300kg	300kg
Rig weight total	120kg	100kg	65kg	35kg

