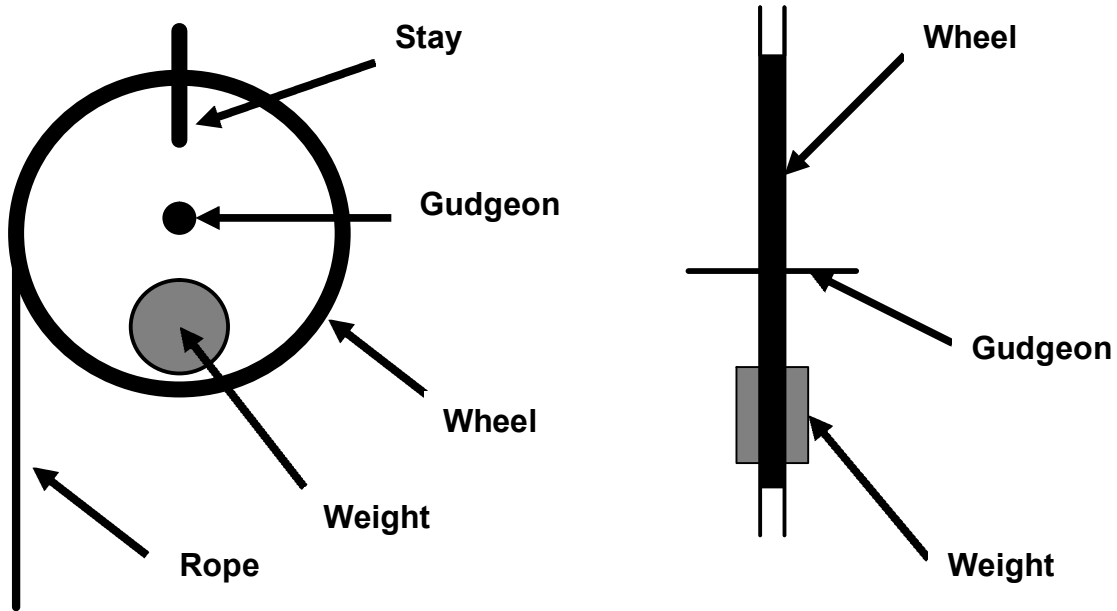


Technical Details

Each dumb bell consists of a weighted solid wheel, a pendulum slider, stay and rope. Each 'bell' weighs about 35 kg and each wheel has a diameter of 3 feet. The 'bells' are not at all difficult to ring and handle just like a 4 cwt ring of six. The sallies are nearly full size so the handling is like normal tower bells. This is an incredible piece of engineering which is very different from the usual "mini-ring".



Tom Blyth ringing the Wombel

The Wombel

One unit is attached to an A frame built from steel tubing. It is assembled on the ground and then must be tipped upright. The assembly takes about 45 minutes by two people, but at least 4 strong people are required to lift the frame upright. Six people would be preferable.

15 feet of ceiling clearance is required. Floor space of approx 2 metres x 2 metres is taken up once the tower is upright but space is needed to assemble the framework on its side.

An electricity supply is needed for the laptop computer (the Wombel comes with a long extension cable) and therefore it should be assembled in a place where it can be protected from the rain. The Wombel comes with a lap top computer using Abel software.

It can be transported in an estate car which has a roof rack, or in a van with 12 feet internal space.

The Sixbel simulator



The six bell unit takes about 2 hours to assemble (with one experienced assembler) without its parasol, but a further hour would be required to assemble the parasol.

The tower comes with its own electric hoist so the only significant lifting required is of the individual units between the means of transport and the place of assembly. Units can be lifted most comfortably by four people, one on each corner. For any distance it is advisable to find some “wheels” to help with the carrying.

Without the parasol, 12 feet ceiling clearance is required. A footprint of 5 metres square is required. The tower comes with a computer with Abel software and a long extension cable, but these must be protected in the case of rainy weather. For outdoor use the parasol is advised.

As the six bell simulator takes considerable time to assemble it is recommended that venues should be sought where it can remain for some time (preferably a few weeks.) It is very attractive and, with its banners, makes an excellent exhibition.

The six bell simulator can be transported in a large Transit van with a minimum of 14 feet internal space.