

Semi Permanent Control Station Monuments

Designed & manufactured in the UK by BRSSOS (07738) 477579

The monuments provide the perfect solution, for the age old problem of having a stable control station, that equipment can be left set-up on & is highly visible.

Unlike traditional solutions of concreting pipes into the ground, which can take a day to install & then having to wait for the concrete to set before it can be used. Our monuments can be built & used in less than 10 minutes.

THERE IS NO DIGGING REQUIRED TO INSTALL, SO NO POTENTIAL CABLE STRIKES & NO PERMITS TO DIG.
WHEN THE WORK HAS FINISHED THE MONUMENTS CAN BE DISMANTLED & RE-USED

The beauty of the monument solution is in its simplicity, it can be transported in the boot of a car, carried to its desired location and can be built in less than 10 minutes. We install monuments using 1 team as a second team are carrying out the traverse immediately behind them, enabling control stations to be installed & traversed in one shift.

Using a tripod, instruments can be seriously damaged if the tripod is knocked over.

This won't happen if using the monument, as it is so stable. Even if a dumper was to run into it, the monument would slide & the equipment should remain intact (unlike a tripod where the instrument would be destroyed).

The monument is laser cut & folded out of quality materials, it is powder coated to provide a weatherproof & highly visible coating (different colours can be supplied)

It requires just a spanner (or socket attachment for an electric drill) to build, and can be done by 1 man.

Uses include:-

Ideal for Railway possessions, as monuments

Can be installed in under 10 minutes, requiring no machinery or DIGGING, preventing cable strikes.

Highly visible, so shouldn't get knocked into, unlike tripods.

Instruments can be left set-up all possession, whatever the weather, with no chance of being blown over, unlike tripods.

Once work is completed, monuments can be dismantled & re-used.

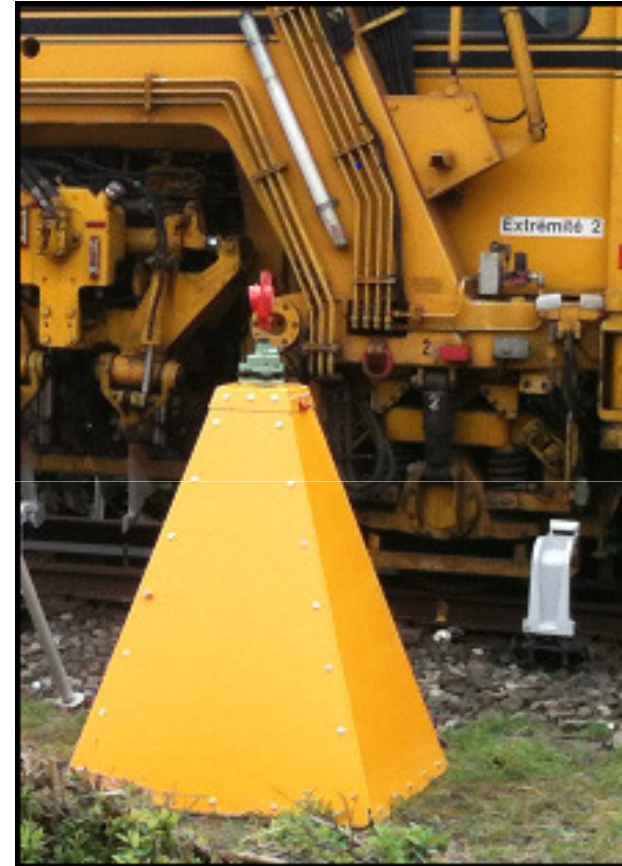
Other uses:-

Control stations for any site. Using the levelling stud on the side a stable TBM can be provided.

Rotating lasers can be set up on the monument, an engineer can then mark the positions for the receiver on a staff, an excavation can then be controlled without further engineer involvement or profiles.

Track monitoring, monument enables instrument to be set-up at the same location each time, increasing repeatability accuracies. Further monuments can be used as stable reference points .

GPS Base Stations



The individual pieces are designed to be lightweight enough to be carried easily. The 2 solid sides, will sit overlapped with the smaller pieces inside & the floor on top, & to fit into the boot of most cars.



Contact Brian Richards from BRSSOS on 07738 477579

Also visit our website www.brssos.co.uk

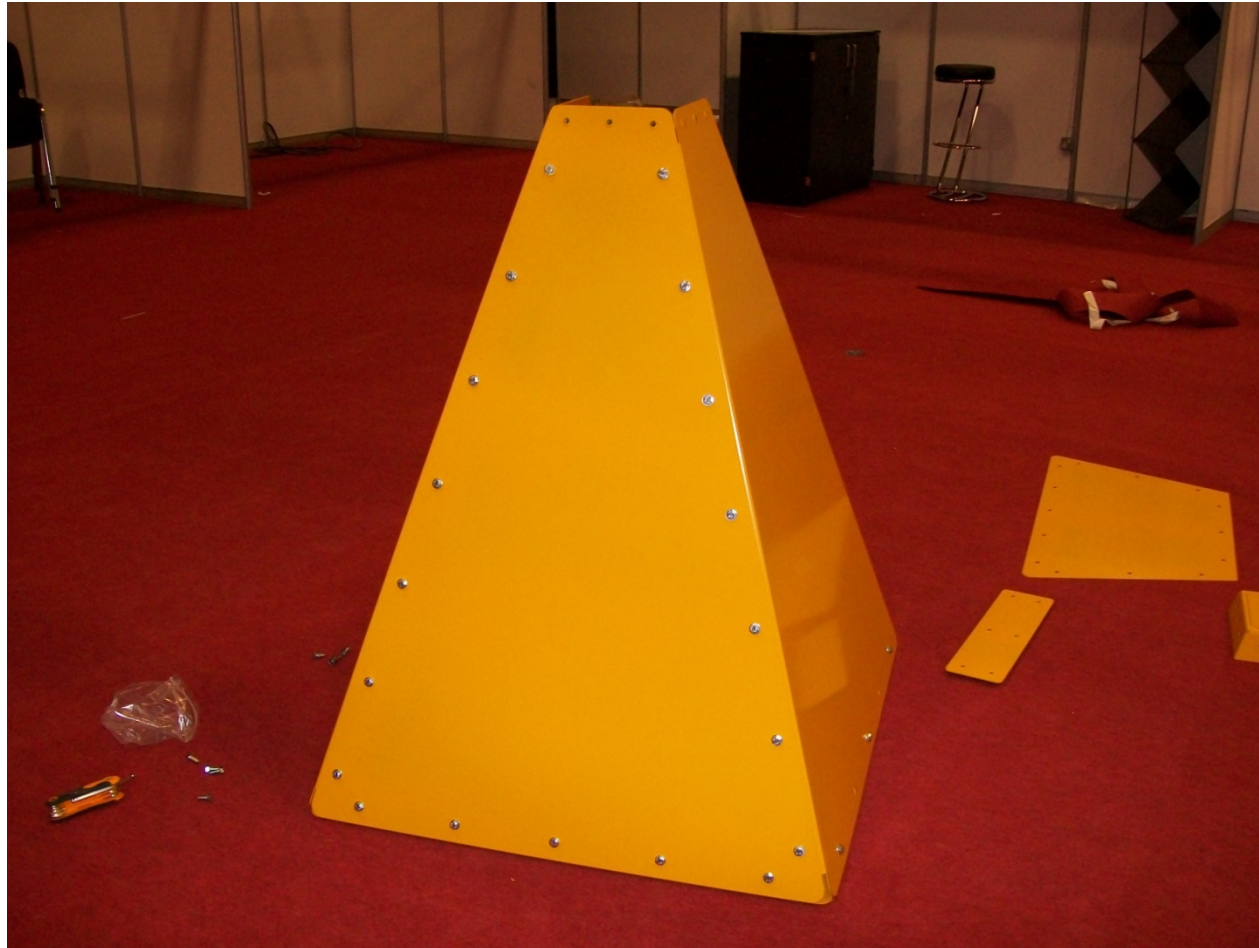
Step 1: The base ideally should be placed on a level surface, this can be easily achieved with a bag of pea gravel. Alternatively it can be placed onto a solid surface.



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The solid back-piece is bolted to the base and sides.



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The front lower section is added with the backing plate. At this stage additional weight can be added if required. 25kg bags of pea-gravel are ideal.

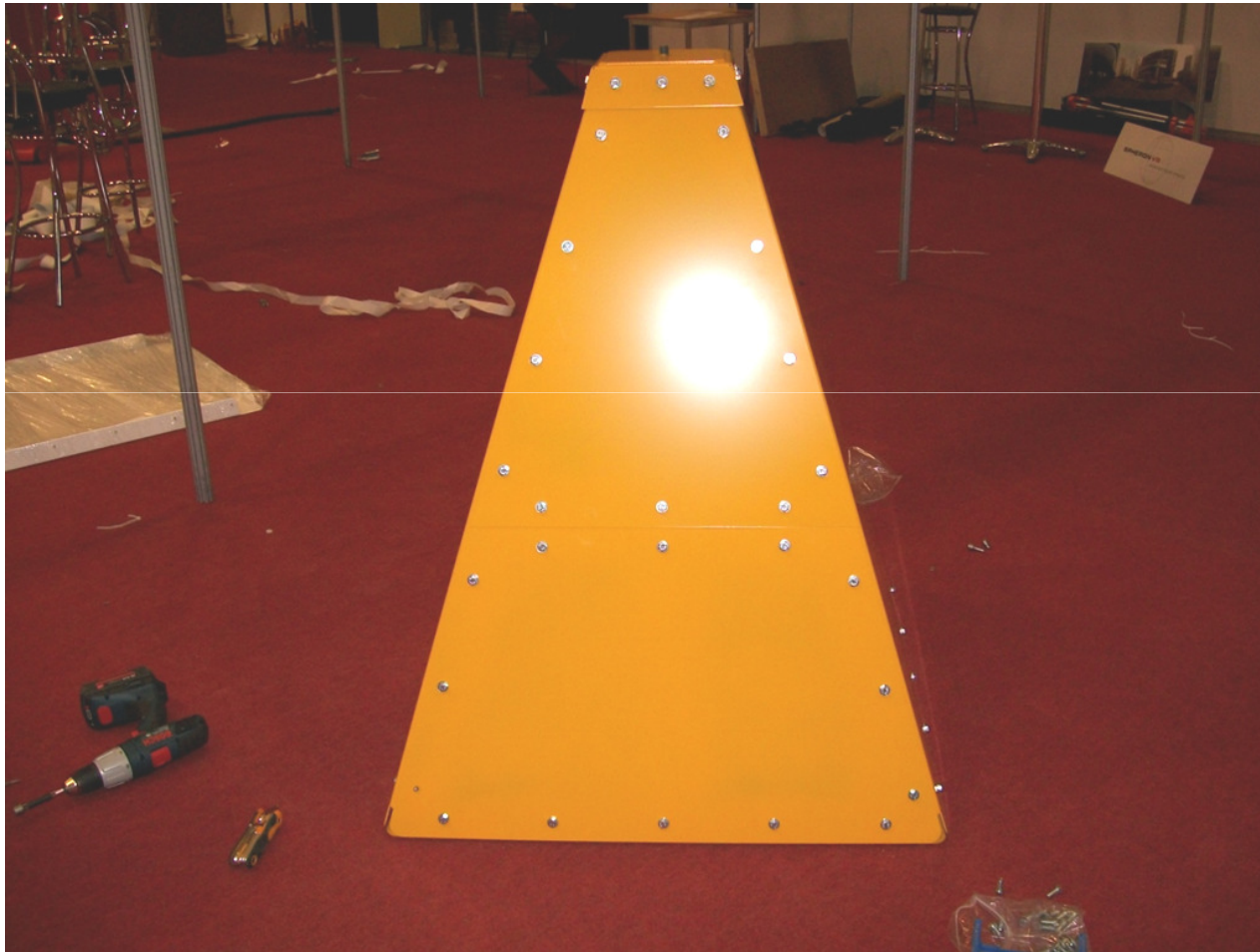


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Finally, the front upper section is fixed to the sides & the top 'cap' is bolted on, this has the standard threaded bolt, for the instruments. A plastic disc is added to provide a 'slip' surface, preventing scratching when screwing the tribrach on.

A spirit bubble can be fixed to the top, this will show if the monument has been knocked after installation.



- (1) The monuments can be supplied powder-coated in a range of colours.
- (2) A levelling stud on the side provides a stable TBM.



Sale & Hire Rates

Sale Prices

1 – 10 Monuments £450 each

10-20 Monuments £400 each

20 + Monuments £350 each

Delivery charge £40

Hire Rates

1 – 10 Monuments £25 per week

10 – 20 Monuments £20 per week

20 + Monuments £15 per week

Delivery charge £40

We also provide a full installation service, whereby we deliver, install & traverse all monuments, and then collect/relocate when finished with.

Contact us for details 07738 477579

