

# SB.4 MANUAL RAISE ARM BARRIER

## INSTALLATION, ASSEMBLY & USER INSTRUCTIONS

(READ IN FULL BEFORE STARTING)

### SAFETY

We recommend the following minimum precautions are taken:

- Wear appropriate and hand protection should be worn, including safety helmet
- Secure the site from pedestrian and vehicles, where applicable, by the use of high visibility tape barriers, cones etc
- If you use a power supply, ensure that it is secure and in a safe dry location
- Ensure there are no underground services that may be affected
- A minimum of two personnel are recommended

### FEATURES

- To restrict access to controlled areas, the arm can be lifted manually to allow authorised vehicles to enter
- The raise arm barrier can be locked in the up and down positions

### INSTALLATION INSTRUCTIONS

- Determine the position of the installation (Example: 7metre boom length, position plinths at 7metre centres)
- We recommend that our SB.4 Manual Raise Arm Barriers should be installed onto prepared flat concrete plinths. Concrete used should be of a heavy grade
- The size of the plinths, which the manual barrier should be installed on, are as follows:  
Pivot Post 600mm x 600mm x 500mm deep. End Rest 500mm x 500mm x 250mm deep.
- Position main base, mark the bolt hole centre's and drill
- Locate the main base over the holes and bolt down
- Fit the boom into place and bolt into position
- Position the end rest accordingly and mark the bolt hole centre's, then drill in and bolt down
- We recommend that 14mm anchor bolts should be used to bolt the barrier to the concrete plinths, these can be supplied at an extra cost

### MAINTENANCE

- Occasionally clean all surfaces with soap and water
- Check that the fixing bolts and other visible fixings are suitably tight and have not worked loose
- Check foundations remain firm
- Occasionally apply light oil (WD40 or similar) to the hinge if required