

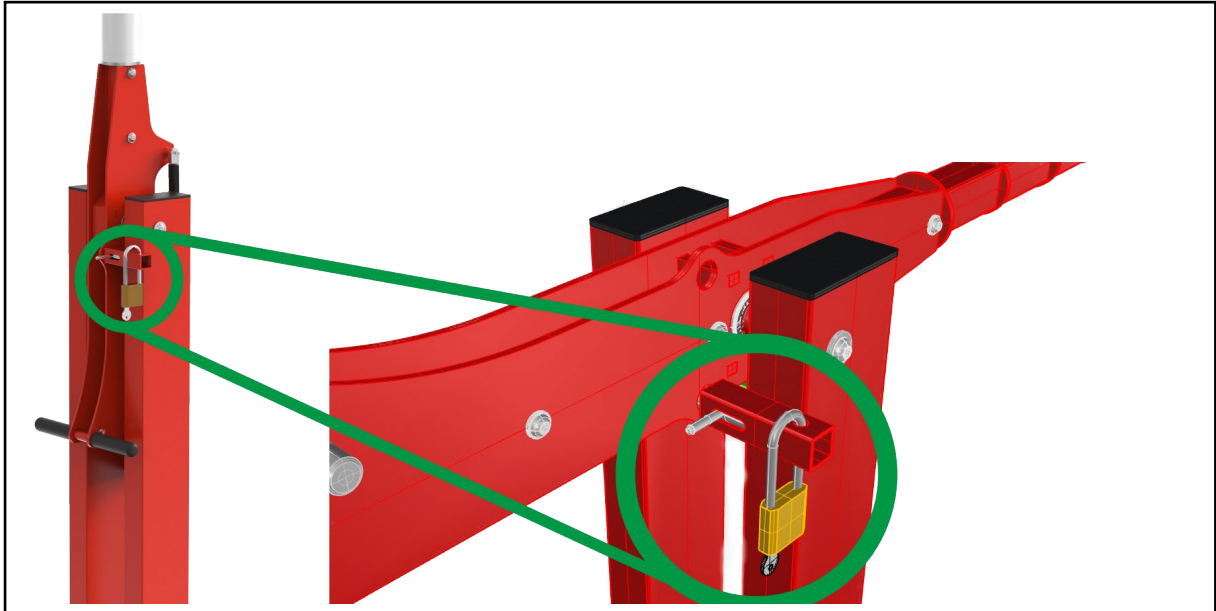


Operation and Maintenance Manual
PC-STD-MB
(Standard Manual Barrier)

THIS DOCUMENT CONTAINS IMPORTANT
INFORMATION. IT MUST BE KEPT WITH THE
BARRIER AT ALL TIMES.

Safety Features

Your barrier is fitted with some simple safety devices designed to prevent accidents or injury, none the less, the area in the immediate vicinity of the barrier should be treated as potentially hazardous and avoided whenever the barrier is being operated.



Explanation of safety features and barrier reaction:

Safe use warnings:

1. Do not allow children/people with physical or mental impairment to play on or near the barrier. Barriers are designed for vehicular use only
2. Keep remote control devices away from children.
3. Do not try to pass through/over/under the moving barrier.
4. Do not stop unnecessarily when passing through the barrier.
5. Only operate the barrier controls when in view of the barrier.
6. Do not attempt to interfere or modify the barrier from the factory setup.
7. Make sure the barrier is maintained by a trained and qualified powered barrier specialist at the prescribed 6 monthly intervals and that services are recorded in this manual's log.
8. If any sign of malfunction occurs switch off the barrier, manually release it and contact a trained and qualified powered barrier specialist immediately.

End User Regular Safety Checks

General:

Keep the areas adjacent to the barrier clear of obstructions at all times, cut back plants and weeds that might interfere with the barrier and its safety sensors. Keep the photo electric beam covers clean.

Safety checks:

These user safety checks should be conducted every [few weeks] by a responsible adult who has been shown how to do the checks by a trained and qualified powered barrier specialist. We will demonstrate the user checks to you as part of the handover process.

[Insert instructions]



Engineer Planned Preventative Maintenance Schedule

Your barrier will need to receive regular planned preventative maintenance in order to remain in safe and reliable service. The maintenance outlined below should only be conducted by a trained and qualified powered barrier specialist who is familiar with **Barrier** automation equipment and has the necessary test equipment. *[insert company]* can provide this service and you will have been offered a maintenance contract as part of the supply process. If the maintenance outlined below is not completed, *[insert company]* cannot accept responsibility for injuries, accidents or breakdowns caused by lack of maintenance.

You are reminded that, as the person in control of the barrier, you have a legal duty of care to users and to visitors to the premises (including trespassers). If the barrier is not kept safe, any party whose property is damaged or who is injured by the barrier is likely to be able to sue for damages.

If the barrier is part of an undertaking (such as at rented property), the person in control of it will have additional duties under section 3 of the Health and Safety at Work Act 1974 to keep the barrier maintained in a safe condition.

If the premises are also a workplace, there are specific duties under regulation 5 and 18 of the Workplace (Health and Safety and Welfare) Regulations 1992.

Failure to meet duties imposed by health and safety legislation can result in criminal proceedings.

A maintenance log is provided at the end of this book to record completed maintenance. Please make sure the maintenance log is completed and signed on completion of any maintenance work.

At 6 month intervals:

Inspections:

Check that the barrier manual release is still functioning

Check that the barrier moves stable and freely when the manual release is engaged and power is switched off!

Check all running gear fixings are tight and secure

Call the manufacturer to talk this through if in doubt, use common sense and it is better to check everything twice!

Lubrication:

Any grease nipple (All other items are "sealed for life" and require no lubrication)

Function checks:

- Overall barrier structure and plumb of hinges
- Lubricate hinges and actuator unit pivots

Performance tests:

Check that the manual release is working

Ensure that the barrier is running smoothly

Handover Check list

The following items have been explained to the client: [tick] ✓

- ☐ How to operate the barrier.
- ☐ How to manually release the barrier.
- ☐ How the safety features of the barrier work.
- ☐ How to avoid any residual hazards associated with the barrier.
- ☐ How and when to perform the required safety checks.
- ☐ Other [insert]

The following items have been passed to the client.

- ☐ Manual release instructions.
- ☐ Declaration of Conformity.
- ☐ User warnings and residual hazard identification.
- ☐ Planned Preventative Maintenance instructions.
- ☐ Maintenance log.

Installer Name:

Date:

Signature:

Client Name:

Date:

Signature:

Component list

Gas Strut: 100n/200n/300n/400n/500n (varies depending on boom length) 2 per barrier



Lockable End Rest: PC-MB-END Rest



Bolt Kit: All fixings need for Main Stanchion post and end rest post (or pogo stick support)



Min Barrier Body Stanchion Post: PC-STD-MB-Post



Barrier Pole: PC-STD-MB-POLE



Straining Wire Kit: PC-STD-MB-STRAINKIT



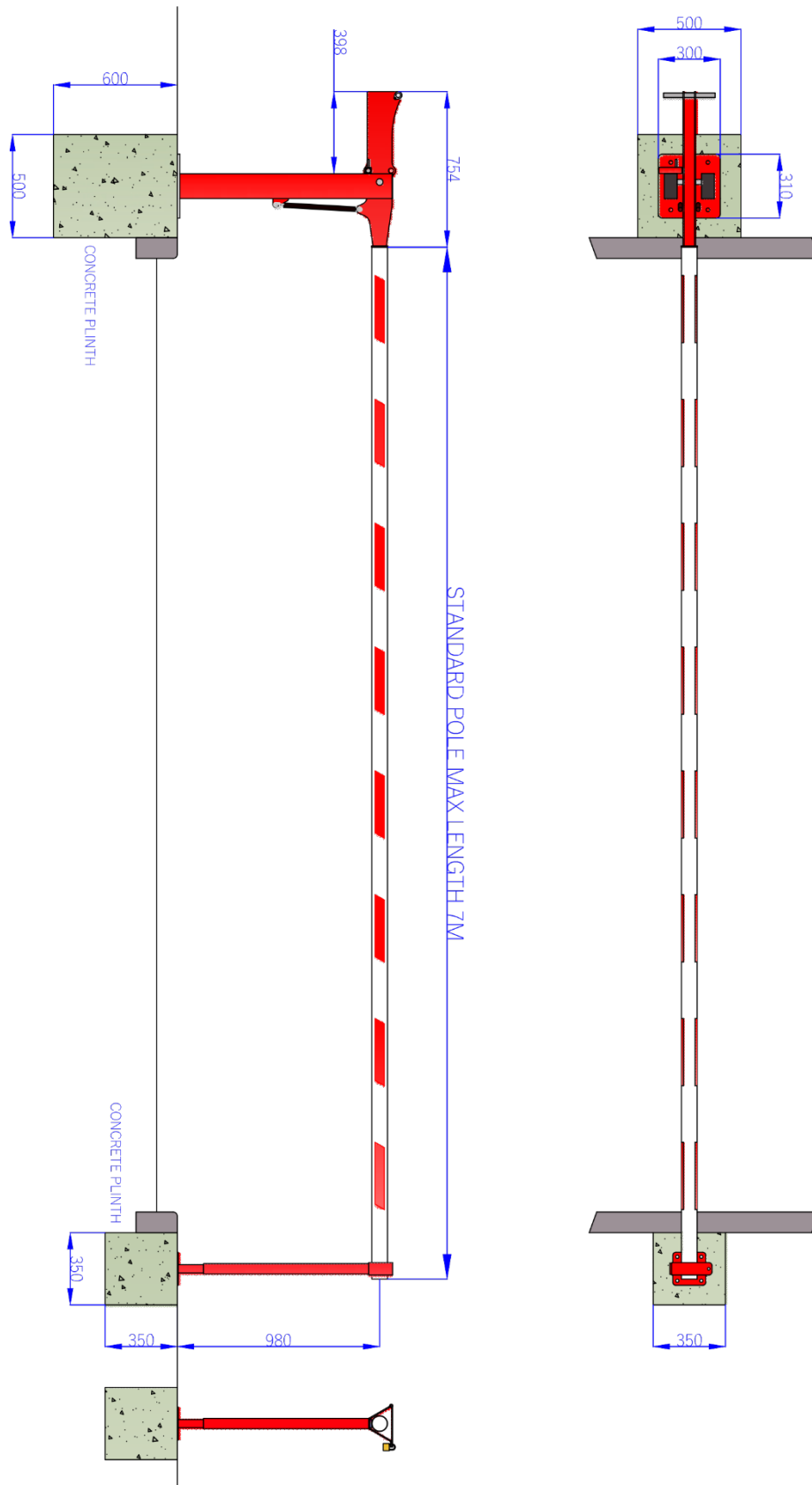
Address:

Tel:

Email:

Web:

Installation Guide - CAD Drawing



Address:

Tel:

Email:

Web:

Installation Guide – Steps

Positioning of the manual barrier:

- ☐ manual barrier should be set back from junctions, to reduce vehicles stalling when pulling away.

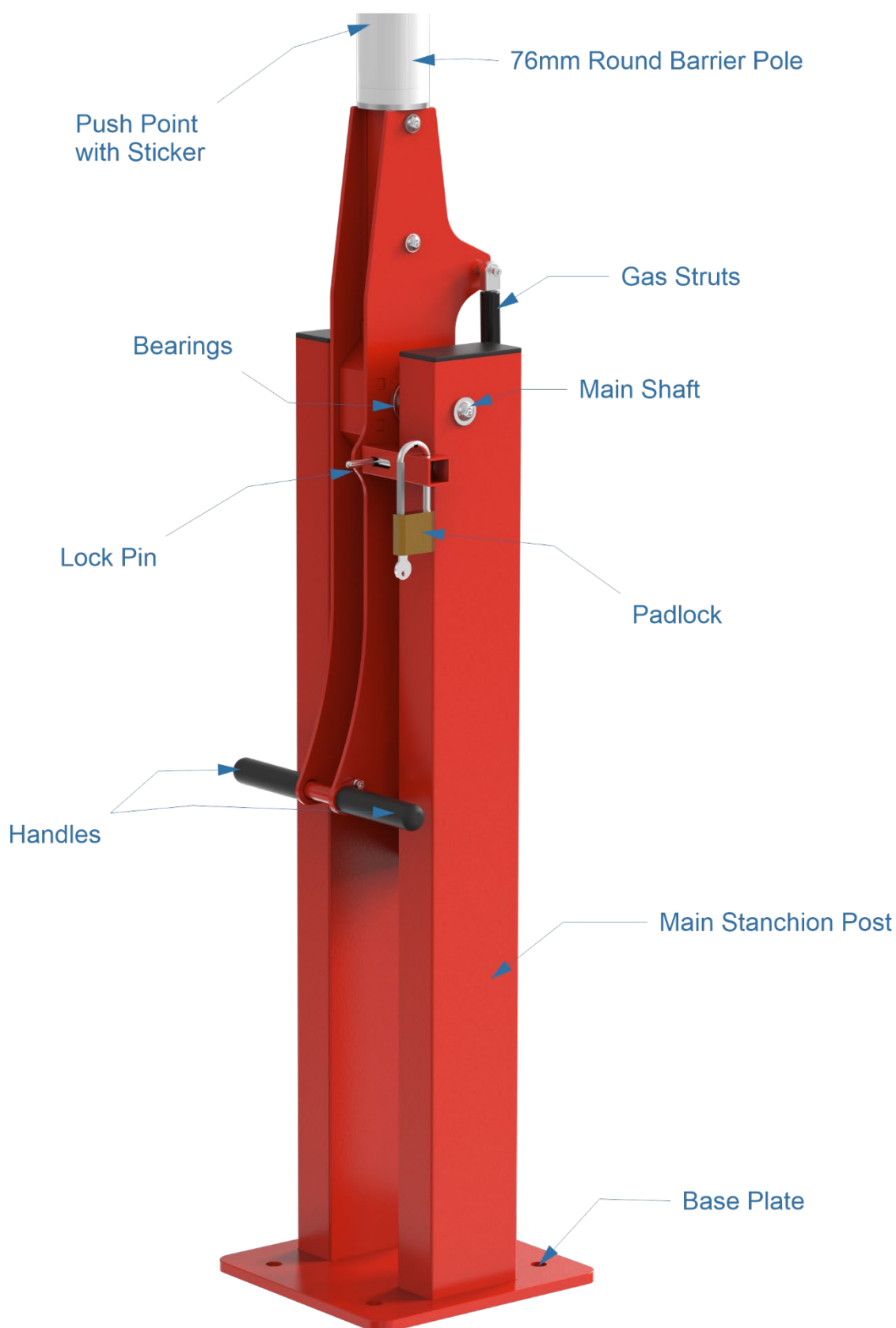
Please follow this step-by-step:

- ☐ set manual barrier out in chosen position.
- ☐ Using a 12mm SDS Masonary Bit, drill through the barrier and approximately 120mm into the foundation surface.
- ☐ Remove the manual barrier.
- ☐ Blow out the drilled hole, then fully insert the Anchor Bolts provided.
- ☐ Remove debris with a dust pan and brush.
- ☐ Re-position the manual barrier over the anchor bolts to align in the correct place.
- ☐ Using the socket set, tighten the bolts. The bolt head needs to be tightened down home, but should not be over-tightened.
- ☐ Repeat for the end rest as per layout drawing above. Ensure you fit the Black plastic bolt covers.

Tools and equipment required:

- ☐ Electric drill with hammer action
- ☐ 12mm SDS masonry drill bit
- ☐ Hammer
- ☐ Dust pan and brush

Usage Guide – Barrier Overview



Usage Guide – Open/Close Steps (See Image Above)

Opening Procedure

- Remove Padlock (Must be applied in Open OR close at ALL times!!)
- Slide lock pin to the right-hand side
- Use one hand to hold on handle
- Place other hand on the barrier pole over the hand grip icon
- Use both hands to push the barrier to the open position
- When full vertical slide the pin to the right-hand side
- Re-insert padlock

Closing Procedure

- Remove Padlock (Must be applied in Open OR close at ALL times!!)
- Slide lock pin to the right-hand side
- Use one hand to hold on handle
- Place other hand on the barrier pole over the hand grip icon
- Use both hands to push the barrier to the open position
- When full vertical slide the pin to the right-hand side
- Re-insert padlock

Maintenance log

Date		Work done	Company
PPM			Name
Reactive			Signature

Date		Work done	Company
PPM			Name
Reactive			Signature

Date		Work done	Company
PPM			Name
Reactive			Signature

Date		Work done	Company
PPM			Name
Reactive			Signature

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Reactive			Signature

Date		Work done	Company
PPM			Name
Reactive			Signature

Date		Work done	Company
PPM			Name
Reactive			Signature

Address:

Tel:

Email:

Web:

EC Declaration of Incorporation

Manufacturer / Authorised Representative:

[Insert Trade Partner Name Here]

We hereby declare that the products described below:

Manual Raise Arm Barrier

are in conformity with the essential requirements of the Machinery Directive 2006/42/EC & UKCA The Supply of Machinery Regulations (Safety) 2008.

In addition, the partly completed machinery is in conformity with the Construction Products Directive 89/106/EC

The following standards were applied:

EN 12453:2001

Safety in use of power operated doors - Requirements

EN 12445:2001

Safety in use of power operated doors - Test methods

The relevant technical documentation is compiled in accordance with Annex VII(B) of the Machinery Directive 2006/42/EC. We undertake to transmit, in response to a reasoned request by the market surveillance authorities, this documentation in electronic form within a reasonable period of time.

Person authorised to compile the relevant technical documentation:

PC, Unit 3, High Ash Grange, Meerash Lane, Hammerwich, Staffs, WS7 0LG

The machinery is incomplete and must not be put into service until the machinery into which the partly completed machinery is to be incorporated has been declared in conformity with the provisions of the Machinery Directive 2006/42/EC.

Place / Date:

Hammerwich, 10/07/2022

Manufacturer's signature: *Damian Speer*

Position of signatory: General Manager

