

**DOCK SOLUTIONS LTD**

UK MANUFACTURED LOADING BAY EQUIPMENT AND  
INDUSTRIAL DOORS

# Rising Barriers

AUTOMATIC BARRIERS

HEAVY DUTY BARRIERS

MANUAL BARRIERS

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WIDE RANGE OF CONTROL OPTIONS  
DESIGNS THAT NEED LITTLE MAINTENANCE  
LOADING BAY PACKAGES ARE AVAILABLE.

**GET EXACTLY WHAT YOU NEED AT DOCK SOLUTIONS**

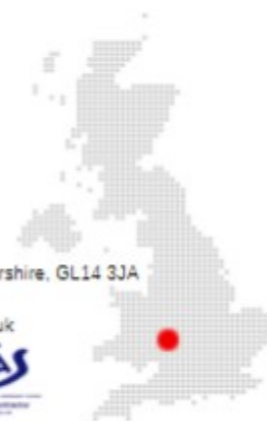
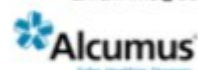


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## Services

Please contact the **Dock Solutions** team, who will be happy to discuss your needs and assist you in choosing the right model for your project. A visit from a member of our team to your location can be arranged to demonstrate the advantages **Dock Solutions** offers.

In-house construction drawings and technical specifications can be supplied.

**Dock Solutions** can offer a complete service to ensure that you are operational for the maximum amount of time.

At **Dock Solutions**, we can give you the widest range of flexible service plans for your loading bay. Our experienced service and installation engineers are available throughout the UK to ensure your equipment is installed and maintained to the highest standard.

Our unique SOS service means that you will speak to someone who may be able to solve your issue over the phone or arrange a call out as soon as possible to your premises by our service engineers.



● Dock Solutions



## Rising Barriers

### Benefits of Using Dock Solutions for Rising Barriers

- **Dock Solutions** are a supplier and installer of rising arm barriers— a one stop shop for all your requirements
- **Dock Solutions** offer a full range of barriers including:
  - Automatic Rising Barriers
  - Heavy Duty Barriers
  - Manual Barriers
- **Dock Solutions** has extensive experience in supplying and installing rising barriers as well as a full range of loading bay equipment .
- At **Dock Solutions**, we're committed to providing you with the best service possible and a fast turn around time for servicing, and repairs .
- Let **Dock Solutions** help you keep your operation running smoothly with our 24 hour call out, all year round.
- **Dock Solutions** are NEVER knowingly beaten on price for a like for like product.

# Automatic Barriers

## D3250

The D3250 automatic barrier has been the most popular barrier in our range since its introduction due to its smart appearance and ease of set up. The barrier is available to cover carriageways of up to 7m with a plain boom or 5m with a full hi-bar upper and lower skirt.

The D3250 can be fitted with lower skirts or hi-bar skirts to deter pedestrians from bypassing the barrier and LED boom lights combined with STOP signs add to the visibility of the barrier to drivers in all weather conditions.

Fully 100% rated, our D3250 barrier is suited to the most demanding applications with the highest level of traffic flow.

A complete safety system can be configured, with safety edges to the bottom of plain booms, photocell protection and induction loop vehicle detection combining to ensure that your barriers are fully compliant with the latest safety guidelines.

## SPECIFICATION

### MAXIMUM SPAN

7.0M with a plain boom, 6.0m with a bottom skirt, 5.0m with a high-bar upper and lower skirt.

### BOOM DIAMETER:

76mm

### DIMENSIONS:

4-5mm x 420mm x 1140mm

### OPENING / CLOSING TIMES:

1.2 to 6 seconds (Adjustable)

### DRIVE UNIT:

Inverter driven 3 phase motor and wormed gearbox.

### POWER SUPPLY:

230 VAC, 50Hz 5 Amps

### CYCLES:

100% continuous duty rating

### FINISH:

Polyester Powder Coated in red and white as standard



## PLC

D3250 barriers are fitted with a Schneider PLC unit with a graphic display to simplify commissioning and maintenance. There are many adjustable parameters including speed adjustment, with a slow down feature, and a standard time clock function.

## SKIRT

A lower skirt or hi-bar upper and lower version can be fitted to the barrier at additional cost, and a high visibility STOP or NO ENTRY signs and LED boom lights may be specified to the boom.

## FINISH

Barriers are powder coated in red and white or black and yellow as standard, however, other standard RAL colours may be specified at no additional cost. Booms are vinyl striped in red and white with a limited choice of other vinyl colours.

## BARRIER DESIGN

The cabinet has a clean contemporary appearance with fully removable clamshell covers to both sides to allow complete access to all internal components.

## LOGO

To enhance your site entrance we are able to produce LED backlit logos into the barrier cabinet. These are designed on CAD and cut into sheet steel with our water cutter.

# Heavy Duty Barriers

Our newly designed D3850 heavy duty barrier extends the capability of its smaller brother the D3250. With a fresh new look designed to reflect the contemporary appearance of the standard barrier, the D3580 can protect road widths of up to 9m.

The redesign utilizes an enhanced motor and gearbox assembly which has eliminated the need for counterweights. Obviously this also removes the trapping hazards associated with traditional counter weighted barriers, and reduces the space required for installation.

As with all our barriers, a complete safety system can be configured, with safety edges to the bottom of plain booms, photocell protection and induction loop vehicle detection.

Lower skirts, or hi-bar skirts can be fitted and we offer a complete customization service with colour combinations and logos available to match your corporate look.

## SPECIFICATION

### MAXIMUM SPAN:

9.0m with a plain boom, 8.0m with a bottom skirt, 6.5m with a hi-bar upper and lower skirt

### BOOM DIAMETER:

100mm

### DIMENSIONS:

770mm wide x 520mm x deep x 1230mm high

OPENING / CLOSING TIMES:

4 to 9 seconds (Adjustable)

### DRIVE UNIT:

Inverter driven 3 phase motor and wormed gearbox.

### POWER SUPPLY:

230 VAC, 50Hz 5 Amps

### CYCLES:

100% continuous duty rating

### FINISH:

Polyester Powder Coated in red and white as standard



## PLC

D3850 barriers are fitted with a Schneider PLC unit with a graphic display to simplify commissioning and maintenance. There are many adjustable parameters including speed adjustment, with a slow down feature, and a standard time clock function.

## SKIRT

A lower skirt or hi-bar upper and lower version can be fitted to the barrier at additional cost, and a high visibility STOP or NO ENTRY signs and LED boom lights may be specified to the boom.

## FINISH

Barriers are powder coated in red and white or black and yellow as standard, however, other standard RAL colours may be specified at no additional cost. Booms are vinyl striped in red and white with a limited choice of other vinyl colours.

## BARRIER DESIGN

The cabinet has a clean contemporary appearance with fully removable clamshell covers to both sides to allow complete access to all internal components. Unlike many heavy duty barriers there are no counterweights which removes a potential trapping hazard and reduces the required installation space.

## LOGO

To enhance your site entrance we are able to produce LED backlit logos into the barrier cabinet. These are designed on CAD and cut into sheet steel with our water cutter.

# Manual Barriers

The D1500 manually operated barrier is an ideal choice to protect unattended or low traffic sites, with minimal investment.

D1500 barriers are available to suit road widths up to 6m with a standard 76mm diameter boom, and up to 9m with our heavy duty 100mm diameter boom.

As standard, the D1500 comes complete with present counterweights, an adjustable tip support and expanding anchor bolts.

Installation is quick and simple – the barrier can easily be installed by one person, and is simply bolted down to a suitable concrete base.

Operation is just as simple, the counterweights allow effortless boom movement, and a latch is provided to lock the barrier in either the up or down position with a facility to allow you to fit a padlock.

## SPECIFICATION

### MAXIMUM SPAN:

Standard Version: 7.0M, Heavy Duty Version: 9.0m

### BOOM DIAMETER:

Standard Version: 76mm, Heavy Duty Version: 100mm

### HEIGHT:

1m from base plate to centre of boom.  
Total barrier height: 1150mm

### DIMENSIONS:

Stanchion: 250mm square box section,  
400 x 400mm Base Plate

### FINISH:

Polyester Powder Coated in red and white as standard



## TIP REST

An adjustable bolt down boom tip rest is supplied at no additional cost, whilst a folding “pogo” type tip rest is optionally available.

## OPTIONAL ITEMS

A lower skirt can be fitted to the barrier at additional cost, and high visibility STOP or NO ENTRY signs may be specified to the boom.

## LOCKING

A slide latch is fitted to allow the barrier to be latched in the closed or raised position. A facility to fit a padlock in either position is also provided (Padlock not supplied).

## FINISH

Barriers are powder coated in red and white or black and yellow as standard, however, other standard RAL colours may be specified at no additional cost. Booms are vinyl striped in red and white with a limited choice of other vinyl colours

## BARRIER DESIGN

The barrier has a clean contemporary appearance with an enclosed bearing for maximum longevity. Counterweights balance the boom and minimise the effort needed to operate the barrier.

