

GATES | BARRIERS | BLOCKERS | BOLLARDS | PEDESTRIAN

FRONTIER
PITTS



FRONTIER PITTS SECURITY
«BARRIERS»

BRITISH PERIMETER SECURITY SPECIALISTS

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BARRIERS

Automatic Barriers play an essential role in regulating and restricting the vehicle access and egress so their reliability is key. Barriers are often visitor's first contact with a company so appearance is also important. Whether the requirement is for a simple, low cost barrier for relatively low volume usage or a heavy-duty barrier for frequent operation, Frontier Pitts will supply a system designed to meet the sites exact needs. All barriers operate through a 90 degree movement.

TORQUE MOTOR BARRIERS

Our Automatic Barrier 'FBX' and 'FB' models operate using torque motors.

The FBX Barrier is available in boom lengths up to **6m**.

The FB Barrier is available in boom lengths up to **9m**.

The benefits of torque motor barriers are:

- Instantly reversible
- Motor constantly energised: for security locking & provides protection against low
- temperatures & damp conditions.
- 100% duty continuous rating

HYDRAULICALLY DRIVEN BARRIERS

Our Automatic Barrier 'HB' model is hydraulically operated, features an exceptionally heavy-duty boom and is available in **boom lengths up to 10m**. This model of HB Barrier is recommended for sites requiring a greater level of security. It is particularly suitable for unlimited duty cycles, closing off large entrances, especially on exposed sites where high wind conditions are experienced.



“ We deliver more than just products from our UK HQ in Crawley, West Sussex ”



Bristol, England

FBX BARRIER

with LED strip Traffic Lights on Boom



BENEFITS & FEATURES

- 100% duty rating - designed for continuous and frequent use.
- Torque Motor Barriers are instantly reversible and motor is constantly energized providing security locking and protection against low temperatures and damp conditions.
- Customizable to match individual branding.
- LED strip Traffic Lights on Boom

OPERATING SPEED

- Typical operating speeds of 3.5-7 seconds* depending on configuration; boom length, motor and skirt options.

OPTIONS

- Maglocks, Articulated booms, Stainless steel cabinet, Signs, Traffic light systems, Skirts, Pogo Stick End Rests
- Can be interfaced to any access control systems.

SAFETY

- Vehicle detector loops
- Safety photocell beams, light curtain and ultra-sonic sensors
- Safety edges
- Signage, audible alarms and flashing beacons

CIVIL REQUIREMENTS

Barrier Foundation:
600mm²

D: 450mm

Fixed End Rest Foundation:
400mm²

D: 300mm

Barrier Cabinet Dimensions:

L: 380mm

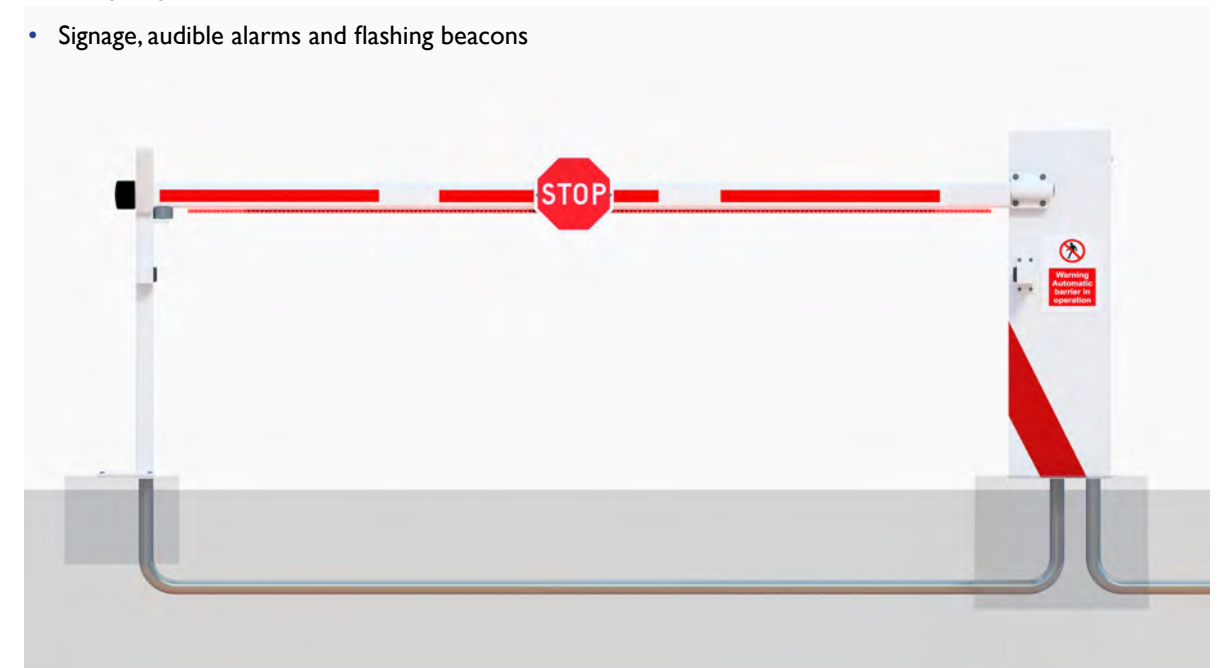
W: 350mm

H: 1210mm

Note: Power and control wiring ducts to be incorporated into foundations

ELECTRICAL REQUIREMENTS *

- 6 amp, 3 wire, 230V, 50Hz, single phase supply



Applications: The popular FBX Automatic Barrier is installed around the world providing many sites entrances and car parks with traffic control



The popular, rapid-action torque motor automatic barrier.

- Boom lengths up to 6000mm
- Boom with skirts up to 5000mm
- Bespoke manufacturing

* This is subject to a risk assessment to ensure the automatic equipment complies to BS EN 12453

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FPI.4FBXLED/AUG20

FBX BARRIER



The popular, rapid-action torque motor automatic barrier minus LED strips on barrier boom.

- Boom lengths up to 6000mm
- Boom with skirts up to 5000mm
- Bespoke manufacturing

BENEFITS & FEATURES

- 100% duty rating - designed for continuous and frequent use.
- Torque Motor Barriers are instantly reversible and motor is constantly energized providing security locking and protection against low temperatures and damp conditions.
- Customizable to match individual branding.

OPERATING SPEED

- Typical operating speeds of 3.5-7 seconds* depending on configuration; boom length, motor and skirt options.

OPTIONS

- Boom lights, Maglocks, Articulated booms, Stainless steel cabinet, Signs, Traffic light systems, Skirts, Pogo Stick End Rests
- Can be interfaced to any access control systems.

SAFETY

- Vehicle detector loops
- Safety photocell beams, light curtain and ultra-sonic sensors
- Safety edges
- Signage, audible alarms and flashing beacons

CIVIL REQUIREMENTS

Barrier Foundation:
600mm²

D: 450mm

Fixed End Rest Foundation:
400mm²

D: 300mm

Barrier Cabinet Dimensions:

L: 380mm

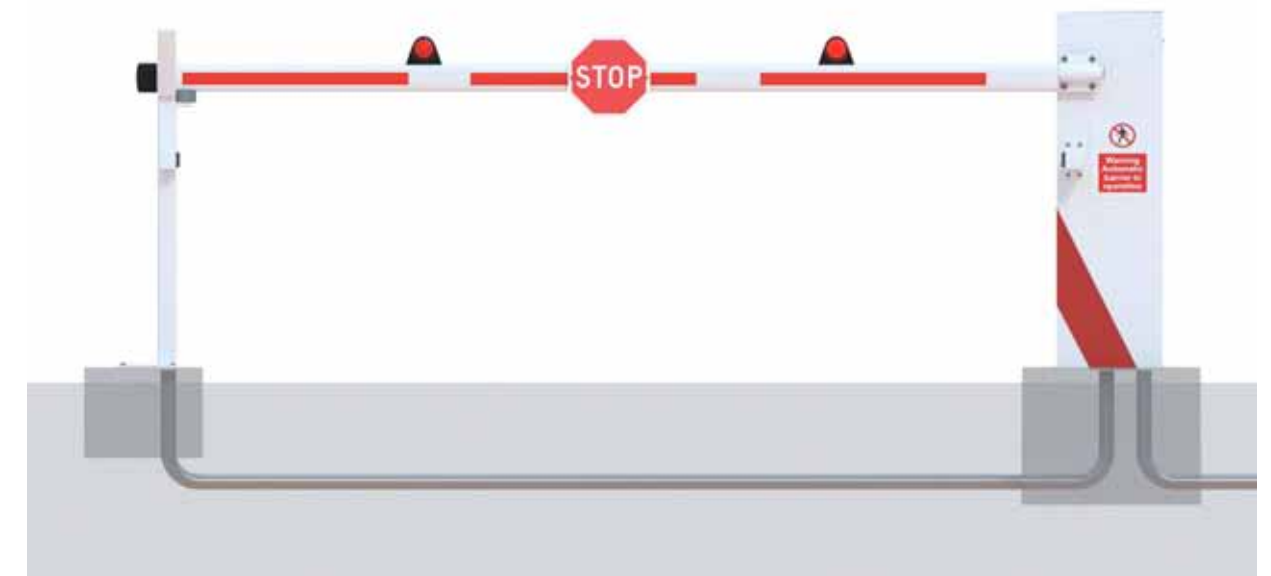
W: 350mm

H: 1210mm

Note: Power and control wiring ducts to be incorporated into foundations

ELECTRICAL REQUIREMENTS *

- 6 amp, 3 wire, 230V, 50Hz, single phase supply



Applications: The popular FBX Automatic Barrier is installed around the world providing many sites entrances and car parks with traffic control

* This is subject to a risk assessment to ensure the automatic equipment complies to BS EN 12453

FB BARRIER



The rapid-action torque motor automatic barrier with the ability to secure wider apertures.

- Boom lengths up to 9000mm
- Boom with skirts up to 7500mm
- Boom with full height swivel skirts up to 5500mm
- Bespoke manufacturing

BENEFITS & FEATURES

- 100% duty rating - designed for continuous and frequent use.
- Torque Motor Barriers are instantly reversible and motor is constantly energized providing security locking and protection against low temperatures and damp conditions.
- Customizable to match individual branding.

OPERATING SPEED

- Typical operating speeds of 7-10 seconds* depending on configuration; boom length, motor and skirt options.

OPTIONS

- Boom lights, Maglocks, Articulated booms, Stainless steel cabinet, Signs, Traffic light systems, Skirts, Pogo Stick End Rests
- Can be interfaced to any access control systems.

SAFETY

- Vehicle detector loops
- Safety photocell beams, light curtain and ultra-sonic sensors
- Safety edges
- Signage, audible alarms and flashing beacons

CIVIL REQUIREMENTS

Barrier Foundation:
600mm²

D: 450mm

Fixed End Rest Foundation:
400mm²

D: 300mm

Barrier Cabinet Dimensions:

L: 460mm

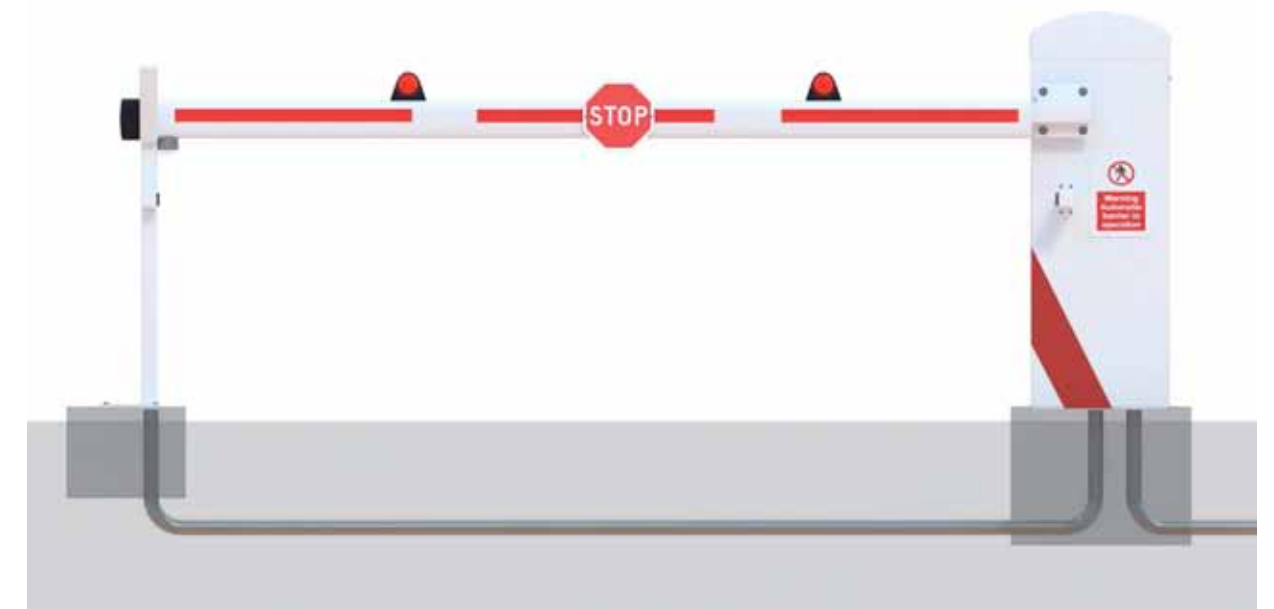
W: 405mm

H: 1340mm

Note: Power and control wiring ducts to be incorporated into foundations

ELECTRICAL REQUIREMENTS *

- 6 amp, 3 wire, 230V, 50Hz, single phase supply



Applications: The FB Automatic Barrier takes the torque motor technology to sites with wider entrances, or where skirts are required for a visual deterrent.

* This is subject to a risk assessment to ensure the automatic equipment complies to BS EN 12453

HB BARRIER



A heavy duty hydraulically operated automatic barrier, which can secure apertures up to 10m

- Boom lengths up to 10,000mm
- Boom with skirts up to 9000mm
- Boom with full height swivel skirts up to 7500mm
- Bespoke manufacturing

BENEFITS & FEATURES

- 100% duty rating
- An exceptionally robust heavy-duty boom
- Recommended for sites requiring a greater level of security and/or exposed sites where there is high wind conditions
- Unlimited duty cycles
- Secures large road widths
- Customisable to match individual branding.

OPERATING SPEED

- Typical operating speeds of 10-15 seconds* depending on configuration; boom length, motor and skirt options.

OPTIONS

- Boom lights, Maglocks, Articulated booms, Stainless steel cabinet, Signs, Traffic light systems, Skirts, Pogo Stick End Rests
- Can be interfaced to any access control systems.

SAFETY

- Vehicle detector loops
- Safety photocell beams, light curtain and ultra-sonic sensors
- Safety edges
- Signage, audible alarms and flashing beacons

CIVIL REQUIREMENTS

Barrier Foundation:

800mm²

D: 600mm

Fixed End Rest Foundation:

400mm²

D: 300mm

Barrier Cabinet Dimensions:

L: 510mm

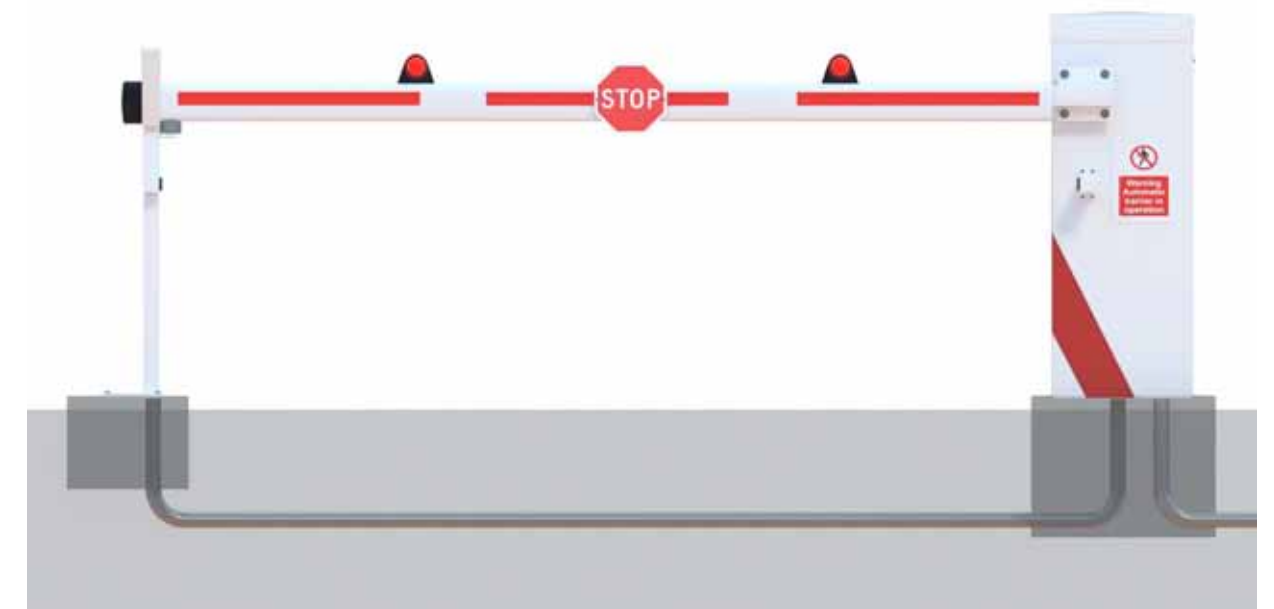
W: 460mm

H: 1280mm

Note: Power and control wiring ducts to be incorporated into foundations

ELECTRICAL REQUIREMENTS *

- 6 amp, 3 wire, 230V, 50Hz, single phase supply



Applications: The hydraulically driven HB Automatic Barrier provides traffic control to sites with wider entrances, or where skirts are required for a visual deterrent.

* This is subject to a risk assessment to ensure the automatic equipment complies to BS EN 12453