

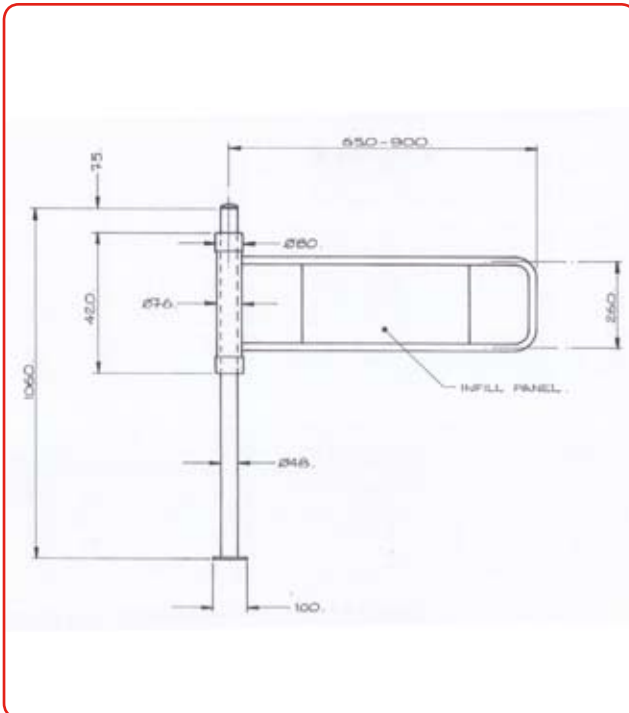


## MECHANICAL GATES

Our extensive range of half height turnstiles have a compact and elegant design combined with a cost effective & superior reliable operation. Making it the ideal choice for providing effective access control in areas where previously security had been desirable but the associated aesthetic implications had been unwelcome or prohibitive, whether it is in retail sites, industrial premises, offices, transport, airports or leisure centres.

We have the designs available that can offer a flexible approach to perfectly balance the issues of security, aesthetics and ease of use.

## Mechanical Gate – Standard



Our family of mechanical gate offers an extremely effective yet economical access security solution. As reliable as it is practical, the mechanical gate is designed to be used in areas to positively indicate the entrance/ exit flow and particularly suited where maximum security is not required. The gate is designed to be open through 90 degrees and return to the closed position under spring tension. A standard feature of these gates is the ability to be opened in the reverse direction by firm body pressure to give an emergency exit facility. A simple adjustment negates this facility when used as an exit. They can be used for making entrances and exits and pedestrian passageways, they can partition and block off rooms, politely direct customers from the entrance to the cash desk and provide you with a means of orientation amidst the wide range of products you stock.

Standard and optional features;

### Design:

- Mild steel body in bright chrome (other options are available by request; RAL colour of choice, satin chrome at additional cost)
- 500 -1000mm gate arms available in 50mm increments (other lengths are available by request)
- Available in either a left-hand, right-hand or bi-directional configuration (bi-directional gates allow free passage through the gate from either direction, yet still closes under spring tension to ensure the gate arm is always controlled)
- An option of a full depth arm (767mm) with perspex or white infill panel is available (picture shown represents a standard arm 260mm)



**Operation:**

- Manual breakout facility in case of emergency (manual re-set for gate arm after breakout)
- 90 degree operation

**Order Information**

All gates are fitted to 1060mm high uprights. Standard finish is bright chrome plate with white infill panel to arm. You need to calculate

Arm Length - Single gate: Width of gap -150mm, Facing pair of gates, Width of gap - 250mm (Round either up or down to nearest supplied length)

Arm Direction - Imagine you are standing behind the supporting post of the gate, looking down the length of the arm, if someone were to walk through the gate, would it move through your left or

right quadrant? If it moves through the right, a right handed gate is needed and vica-versa.

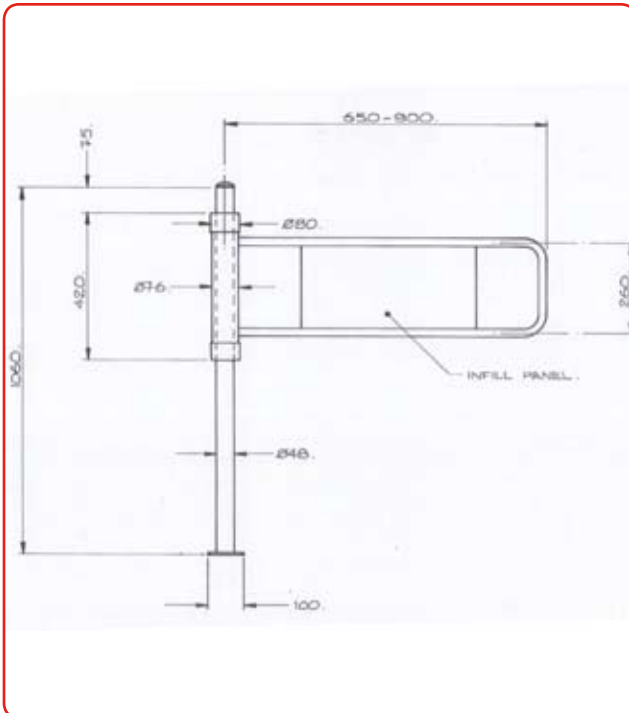
Gate Arm = 750mm -150mm = 600mm

Select type of gate required. Calculate gate arm length (available in 500mm—1000mm in 50mm increments). Ascertain gate arm direction (left hand, right hand, bi-directional). Order fixings separately. ITABmk recommend 4xM10x80 rawlbolts for standard floors.

Standard signage:



## Mechanical Gate - Controlled Entry



This gate is designed to be open through 90 degrees and return to the closed position under spring tension. The entry or exit of people is controlled remotely by a member of staff, by means of an electrical impulse which disengages the solenoid lock. When the control is activated a green light (in top cap) indicates that the gate can be opened. The gate will close under spring pressure and lock until a further signal is received. When used as an entry gate a mechanical emergency exit facility is fitted as standard (breakout for emergency exit facility is in the opposite direction to gate opening)

Standard and optional features;

### Design:

- Mild steel body in bright chrome (other options are available by request; RAL colour of choice, satin chrome)
- 500-1000mm gate arms available in 50mm increments (other lengths are available by request)
- Available in either a left-hand, right-hand or bi-directional configuration (bi-directional gates allow free passage through the gate from either direction, yet still closes under spring tension to ensure the gate arm is always controlled)
- An option of a full depth arm (767mm) with perspex or white infill panel is available (picture shown represents a standard arm 260mm)



**Operation:**

- Manual breakout facility in case of emergency (manual re-set for gate arm after breakout but if used as an exit gate)
- 90 degree operation
- Power to gate via 12v supply

**Order Information**

All gates are fitted to 1060mm high uprights. Standard finish is bright chrome plate with white infill panel to arm. You need to calculate

Arm Length - Single gate: Width of gap - 150mm, Facing pair of gates, Width of gap - 250mm (Round either up or down to nearest supplied length) e.g. Gate Arm = 750mm (width of gap) - 150mm (arm gap) = 600mm

Arm Direction - Imagine you are standing behind the supporting

post of the gate, looking down the length of the arm, if someone were to walk through the gate, would it move through your left or right quadrant? If it moves through the right, a right handed gate is needed and vica-versa.

Select type of gate required. Calculate gate arm length (available in 500mm—1000mm in 50mm increments). Ascertain gate arm direction (Left hand or right hand). Order fixings separately. ITABmk recommend 4xM10x80 rawlbolts for concrete floors.

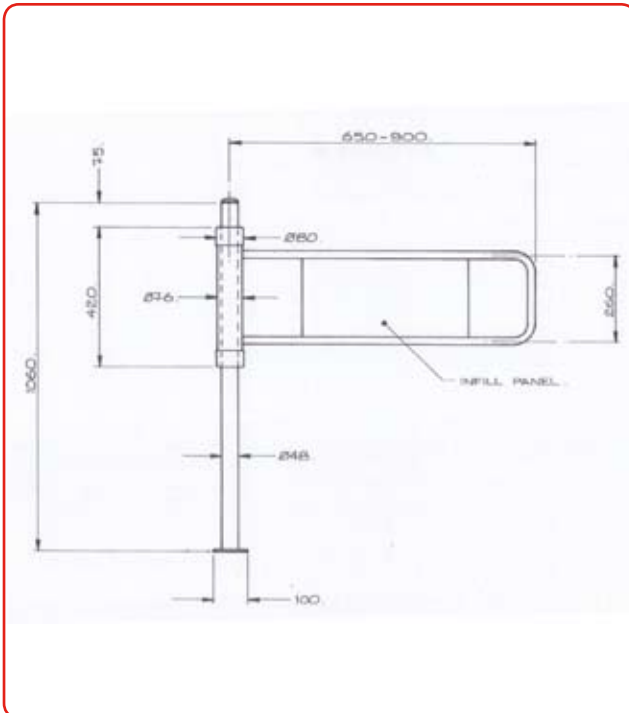
Standard signage:



**EMERGENCY  
EXIT**



## Mechanical Gate - Emergency Exit



The Emergency Exit gate is ideal use for internal areas where barriers would prevent access to emergency exit doors. The gate arm will open in the exit direction through 90 degrees only under the pre-set pressure and will remain open until reset. Gate arms can be supplied with or without support leg. The base of the leg is fitted with a nylon wheel for smooth operation when opening. Standard finish is bright chrome plate with infill panel. A range of No Entry and Emergency Exit signs are available.

Standard and optional features;

### Design:

- Mild steel body in bright chrome (other options are available by request; RAL colour of choice, satin chrome)
- 500-1000mm gate arms available in 50mm increments (other lengths are available by request)
- Available in either a left-hand or right-hand configuration
- An option of a full depth arm (767mm) with perspex or white infill panel is available (picture shown represents a standard arm 260mm)
- Factory fitted options are available of flashing top light which operates voltage 24v DC and audible alarm – the alarm is fitted onto the main upright and is controlled by a 12v DC transformer



**Operation:**

- Manual breakout facility in case of emergency (manual re-set for gate arm after breakout but if used as an exit gate)
- 90 degree operation

**Order Information**

All gates are fitted to 1060mm high uprights. Standard finish is bright chrome plate with white infill panel to arm. You need to calculate

Arm Length - Single gate: Width of gap - 150mm, Facing pair of gates, Width of gap -2 50mm (Round either up or down to nearest supplied length)

Arm Direction -Imagine you are standing behind the supporting post of the gate, looking down the length of the arm, if someone

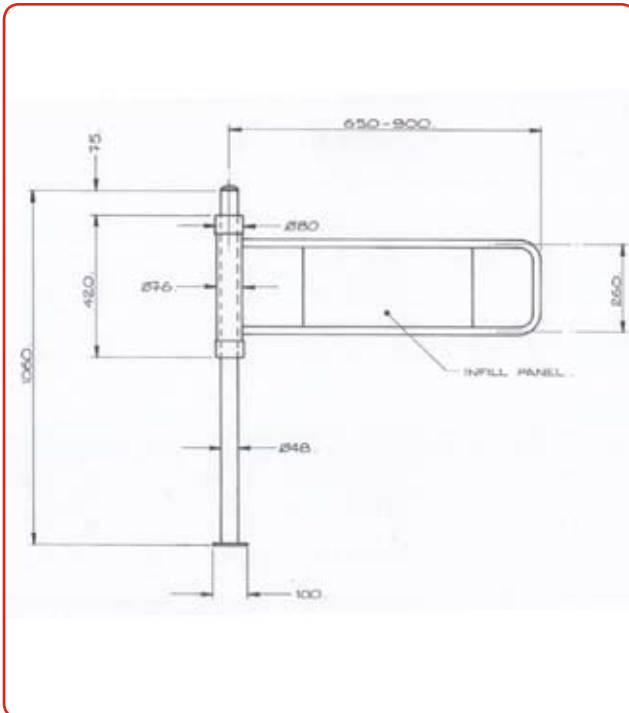
were to walk through the gate, would it move through your left or right quadrant? If it moves through the right, a right handed gate is needed and vica-versa. Gate Arm = 750mm -150mm = 600mm.

Select type of gate required. Calculate gate arm length (available in 500mm—1000mm in 50mm increments). Ascertain gate arm direction (left hand, right hand, bi-directional). Order fixings separately. ITABmk recommend 4xM10x80 rawlbolts for standard floors.

Standard signage:



## Mechanical Gate - Bi-Directional



As reliable as it is practical, the bi-directional gate is designed to be used in areas where traffic flow occurs in both directions and particularly suited where maximum security is not required. The gate is designed to be open through 180 degrees and a standard feature of these gates is the ability to allow free passages through the gate from either direction, yet still closes under spring tension to ensure the gate arm is always controlled. They can be used for making entrances and exits and pedestrian passageways, they can partition and block off rooms, politely direct customers from the entrance to the cash desk and provide you with a means of orientation amidst the wide range of products you stock.

Standard and optional features;

### Design:

- Mild steel body in bright chrome (other options are available by request; RAL colour of choice, satin chrome at additional cost)
- 500 -1000mm gate arms available in 50mm increments (other lengths are available by request)
- An option of a full depth arm (767mm deep) with perspex or white infill panel is available (picture shown represents a standard arm 260mm deep)





**Operation:**

- 180 degree operation

**Order Information**

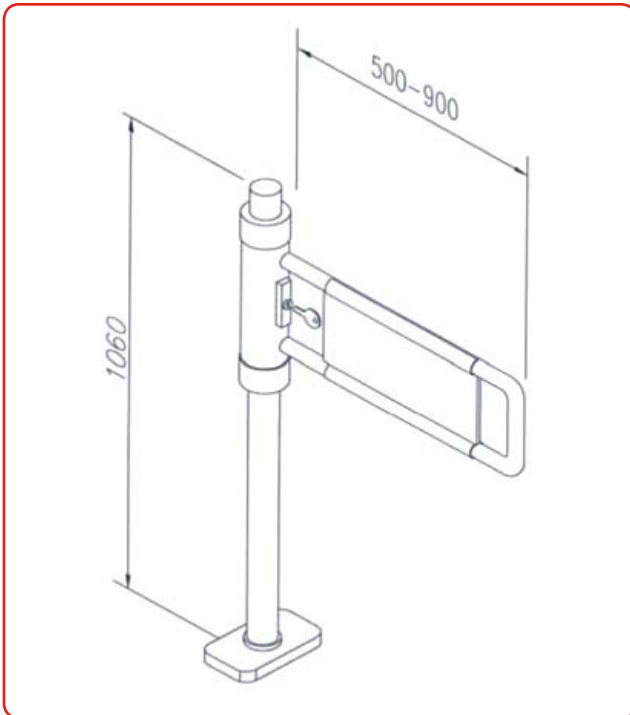
All gates are fitted to 1060mm high uprights. Standard finish is bright chrome plate with white infill panel to arm. You need to calculate.

Arm Length -Single gate: Width of gap -150mm, Facing pair of gates, Width of gap -250mm (Round either up or down to nearest supplied length) e.g. Gate Arm = 750mm (width of gap) -150mm (arm gap) = 600mm.

Standard signage:



## Mechanical Gate - Lift Up Lock Gate & Lift Up Key Lock



This gate is designed to be open through 90 degrees and return to the closed position under spring tension. A standard feature of these gates is where access is to be limited or used occasionally the standard mechanical gate can be supplied with Lift Up Key or Lift Up Lock facility.

### Lift up Lock Gates-

This small lock, which is fitted to the barrel of the gate, requires the lift-up action of the lock before access can be gained. The fitting of the lock does not affect the Emergency Exit breakout facility.

### Key Lift up Lock Gates-

This small lock secured by a key, which is fitted to the barrel of the gate, offers key lock restricted operation. The fitting of the lock does not affect the Emergency Exit breakout facility.

Standard and optional features;

### Design:

- Mild steel body in bright chrome (other options are available by request; RAL colour of choice, satin chrome)
- 500-1000mm gate arms available in 50mm increments (other lengths are available by request)
- Available in either a left-hand or right-hand
- An option of a full depth arm (767mm deep) with perspex or white infill panel is available (picture shown represents a full depth arm 767mm deep/ Standard arm 260mm deep)
- Complete with solenoid lock and remote alarm, fixed using standard expandable rawlshields and bolts



**Operation:**

- Manual breakout facility in case of emergency (breakout in opposite direction of gate opening, manual re-set for gate arm after breakout)
- 90 degree operation

**Order Information**

All gates are fitted to 1060mm high uprights. Standard finish is bright chrome plate with white infill panel to arm. You need to calculate

Arm Length - Single gate: Width of gap -150mm, Facing pair of gates, Width of gap - 250mm (Round either up or down to nearest supplied length) e.g. Gate Arm = 750mm (width of gap) -150mm (arm gap) = 600mm

Arm Direction - Imagine you are standing behind the supporting post of the gate, looking down the length of the arm, if someone

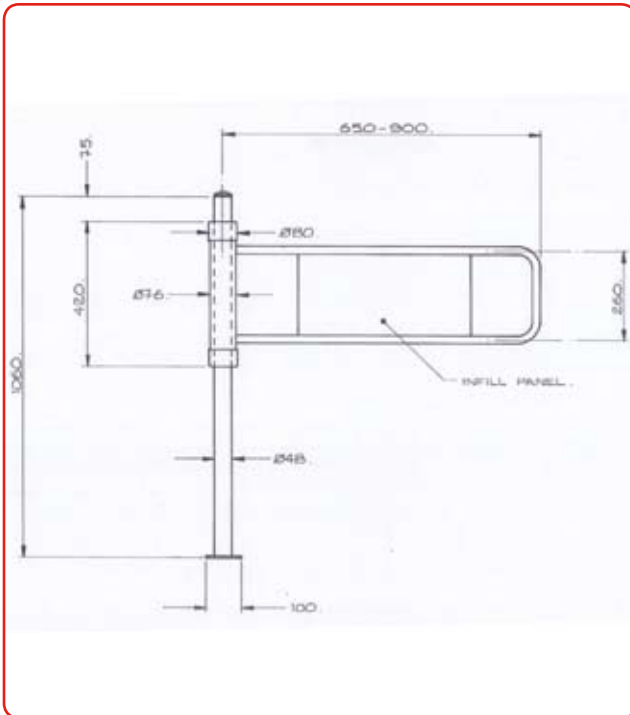
were to walk through the gate, would it move through your left or right quadrant? If it moves through the right, a right handed gate is needed and vica-versa.

Select type of gate required. Calculate gate arm length (available in 500mm—1000mm in 50mm increments). Ascertain gate arm direction (left hand or right hand). Order fixings separately. ITABmk recommend 4xM10x80 rawlbolts for concrete floors.

Standard signage:



## Mechanical Gate - Alarmed Controlled Emergency Exit



This mechanical gate is designed to be used in areas to positively indicate the emergency exit flow and particularly suited where maximum security is not required and an alarm needs to sound. The gate is designed to be open through 90 degrees and return to the closed position under spring tension manually controlled via a push button. This particular type of gate is to be used as an Emergency Exit gate where an emergency passageway is required in the same direction as the entry gates, typical use is at closed checkout aisle where customers who may have no purchase can exit or at a customer service desk. In an emergency, the gate can be pushed in its normal mode of operation and under pressure will break open sounding the alarm and activating the top light which will flash. The exit of people is controlled either remotely by a member of staff, by means of an electrical impulse which disengages the solenoid lock or can be pushed to sound the alarm. The gate will close under spring pressure and lock until a further signal is received/manually pushed.

Standard and optional features;

### Design:

- Mild steel body in bright chrome (other options are available by request; RAL colour of choice, satin chrome)
- 500-1000mm gate arms available in 50mm increments (other lengths are available by request)
- Available in either a left-hand or right-hand configuration
- An option of a full depth arm (767mm) with perspex or white infill panel is available (picture shown represents a standard arm 260mm)



**Operation:**

- Manual breakout facility in case of emergency, in direction of normal operation (manual re-set for gate arm after breakout but if used as an exit gate)
- 90 degree operation
- Power to gate via 12v supply

**Order Information**

All gates are fitted to 1060mm high uprights. Standard finish is bright chrome plate with white infill panel to arm. You need to calculate

Arm Length - Single gate: Width of gap -150mm, Facing pair of gates, Width of gap - 250mm (Round either up or down to nearest supplied length) e.g. Gate Arm = 750mm (width of gap) -150mm (arm gap) = 600mm

Arm Direction - Imagine you are standing behind the supporting

post of the gate, looking down the length of the arm, if someone were to walk through the gate, would it move through your left or right quadrant? If it moves through the right, a right handed gate is needed and vica-versa.

Select type of gate required. Calculate gate arm length (available in 500mm—1000mm in 50mm increments). Ascertain gate arm direction (left hand or right hand). Order fixings separately.

ITABmk recommend 4xM10x80 rawbolts for concrete floors.

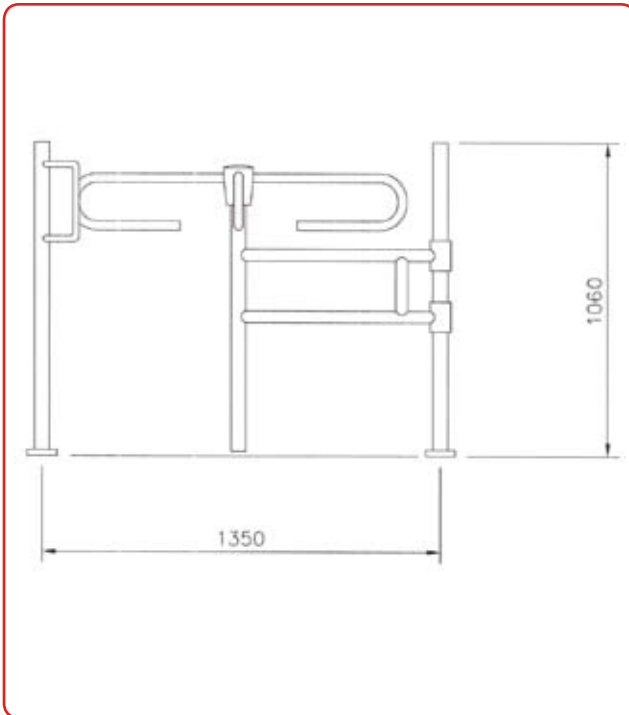
Standard signage:



**EMERGENCY  
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# Mechanical Turnstile



The mechanical turnstile is the ideal solution for controlling foot flow on a limited budget. This turnstile is compact yet very effective - allowing throughput to be controlled with only minimum supervision. It is a proven design and is constructed from the highest quality materials to give total reliability. The added benefit to this particular unit is the head of the turnstile has a built in safety feature, which when lifted up, the turnstile can rotate both ways.

Standard and optional features;

### Design:

- Mechanical turnstile is available with or without trolley flap
- The turnstile has an emergency exit breakout facility as standard
- Turnstile is available for either a clockwise or anti-clockwise configuration
- Comes chrome plated finish as standard, or powder colour coated to order
- PVC top caps and cups available in a variety of colours or chrome plated
- Can be used in conjunction with our standard barrier rail range, to provide a controlled store entrance/exit
- Minimum 1350mm width required (without trolley flap)
- Trolley flaps available in 750mm, 1000mm or 1500mm as standard (and arm can be pivoted spring loaded to ensure it is compliant with DDA)

### Order Information

Can be supply only or fully installed



## Checkout Closer - Post Mounted

A checkout closer is the ideal solution, simple and cost effective, for providing a barrier across the aisle to prevent unauthorised access/exit through the checkouts. To open the checkout closer if it is closed - lift up the lock block and push closer arm into store and ensure arm is fully open at 90° to engage lock position. To close the aisle - lift up lock block and return arm to fully closed position across the aisle to engage the closed lock position. To use the closer as an emergency exit, push the closer arm hard towards the store exit direction to the fully open exit position. To return the closer to the fully closed position the lock block must be lifted and the arm moved to the fully closed position across the aisle.

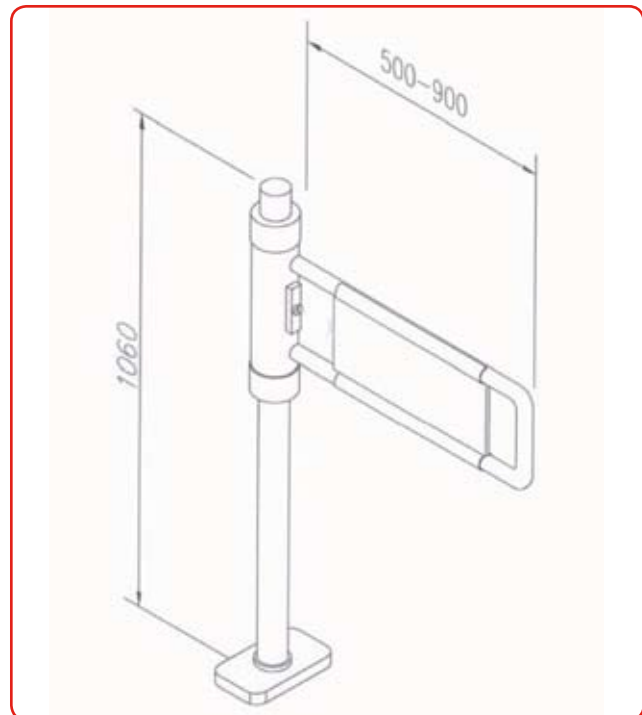
Standard and optional features;

### Design:

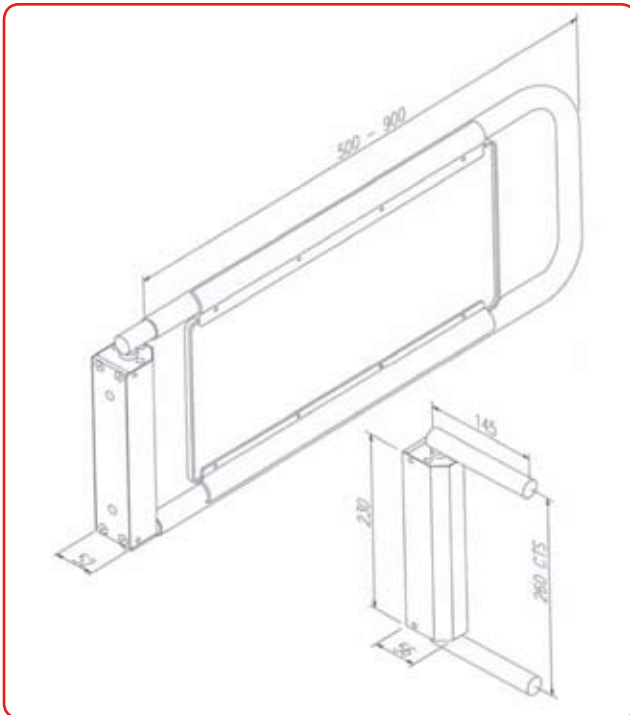
- Gate arm is available in various lengths from 650mm -1100mm wide
- Post is available from 900mm –1060mm in height
- Emergency breakout comes as standard and there is an optional breakout alarm if required (specify at time of order)
- Gates comes complete with standard no entry/ emergency exit signage

### Order Information

Can be supply only or fully installed



## Checkout Closer - Mounted Gate Arm



This checkout closer is simply installed onto the side of the required checkout unit. The checkout closer is designed to be open through 90 degrees in either direction to suit any requirement and is operated manually. A standard feature of these gates is the ability to be opened by firm body pressure to give an emergency exit facility. A simple adjustment negates this facility when used as a exit. This type of checkout closer has the optional added feature of being alarmed which is reset manually ensuring a member of staff has registered the disturbance.

Standard and optional features;

### Design:

- Gate arm is available in various lengths from 650mm -1100mm wide
- Emergency breakout comes as standard and there is an optional breakout alarm if required (specify at time of order)
- Gates comes complete with standard no entry/ emergency exit signage

### Order Information

Can be supply only or fully installed

