



**MATADOOR**

# Matadoor™

- ✓ IMPROVING EFFICIENCY
- ✓ SAVING ENERGY
- ✓ REDUCING COSTS!



Matadoor™ Hi-Speed Door - The Original Crash Proof Industrial Hi-Speed Door with Auto-Reset facility, ideally suited for high volume traffic.

### Union's Matadoor™ key features:

For internal openings only  
Standard Size Range – up to 3.0m wide and 3.5 high  
Ideal for frequently used doorways  
Suitable for ambient and chilled environments

Opening speed typically 1.6 m/s  
Crash-Out & Auto-Reset damage protection feature  
Suitable for use by all traffic types.



**Lifetime Warranty Scheme** now included!



[www.unionindustries.co.uk](http://www.unionindustries.co.uk)

## Standard Specification

### 'CRASH-OUT & AUTO-RESET':

Matadoor includes the unique 'Crash-Out & Auto-Reset' facility for which Union's range of Hi-Speed Doors is famous.

### DOOR BLADE:

'Ramskin' – 1.5mm thick single ply PVC coated polyester monofilament with anti-static additive. Fire retardant to ISO 340. Full width clear PVC Vision Panel. Reinforced at regular intervals with encapsulated steel wind bracings. (Options – Fully opaque (as illustrated) and non- Standard blade configurations.)

### DOOR BLADE COLOUR:

Available as standard in; yellow, blue and red.

### COLUMNS & SIDE GUIDES:

5mm thick square hollow section steel columns. 125mm deep pressed steel blade guides (bolt-on construction for quick and easy replacement) with integral brush seals within the guides.

### TOP ROLLER:

4mm wall steel tube terminating at each end with 30mm diameter stub shafts running in self aligning bearing units.

### BOTTOM BAR:

Rectangular hollow section steel sandwiched between two stainless steel pressings, fitted with full width PVC dust seal and foam filled safety buffers.

### FINISH:

Steel parts and bracketry de-greased, blast cleaned, pre-treated with anti-corrosive primer and finished with hygienic anti-bacterial powder coating. Standard Colour: Grey RAL 7043. (Any RAL colour available as an option)

### BACK BAR & TOP SEAL:

A steel cross member bolted to the columns carries the fixing brackets and supports the top seal and a brush strip damper.

### DRIVE:

1.5Kw foot mounted brake geared motor unit driving the top roll.

### SPEED:

**Door opening:** Variable up to 1.6m/sec (maximum)

**Door closing:** Variable up to 0.7m/sec (maximum)

### CONTROL:

Combined with an inverter, the system allows smooth starting and stopping thus reducing mechanical wear. The system allows precise adjustment of parameter settings to control the door under normal use with full safety monitoring Control housed in 500mm x 500mm x 210mm deep IP54 rated cabinet, powder coated red, c/w Perspex diagnostic viewing window, 'Open' push button, 'Close' push button & emergency stop button.

### SIDE SEALS:

The standard fixing position of Matadoor is 100mm inboard of the opening fixing face in order to accommodate the 'Crash-Out & Auto-Reset' facility. 2mm thick, galvanised & powder coated side seals are fitted to full height, both sides, in order to infill the 100mm gap created.

### SAFETY:

**Double Photo-electric Cells** – To inhibit the door blade from closing if an obstacle is present adjacent to the front or rear of the door, two IP67 rated photocell and reflector units, protected with heavy duty steel covers, are fitted at low level to the front and reverse of the door columns.

**Contact Safety Edge** – If the bottom beam comes into contact with any obstacle in its path, the low voltage electronic contact safety edge fitted to the full width of the bottom beam, immediately halts the downward travel of the door blade, which instantly reverses to its fully open position.

**Manual Brake Release** – In the event of power failure a pull cord is provided to release the brake lever in order to raise the door with minimal manual assistance.

