



Lion Door™

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



Lion Door™ - A small, neat, lightweight, rapid roll door with photocell protection for internal openings, ideal for conveyor, personnel, in-store use and ambient or chilled environments.

Union's Lion Door™ key features:

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| For internal openings only | Suitable for use by light traffic |
| Standard Size Range – up to 2.0m wide and 2.5 high | Opening speed typically 1.0 m/s |
| Suitable for ambient and chilled environments | Ideal for larger conveyor applications |



Lifetime Warranty Scheme now included!



www.unionindustries.co.uk

Standard Specification

DOOR BLADE:

750gsm PVC coated Polyester with smooth anti-static finish, Fire Retardant to ISO 340 and reinforced with encapsulated steel windbracings. Fully opaque or with clear PVC Vision Panel.

DOOR BLADE COLOUR:

Available as standard in; white, blue, green, and red. (Full colour range Option in 650gsm PVC coated Double Panama.)

COLUMNS & SIDE GUIDES:

Steel square hollow section columns. 125mm deep pressed steel blade guides (bolt-on construction for quick and easy replacement).

TOP ROLLER:

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

BOTTOM BAR:

The Lion Door does not incorporate a bottom beam but has a length of standard wind brace material fitted with standard flexible tabs at both ends, encapsulated into a welded pocket along the bottom of the door blade.

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 (max)

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

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 Lion Door is 100mm inboard of the opening fixing face. 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.

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.