

## CHAIN GEAR & ELECTRICALLY OPERATED STEEL ROLLING SHUTTERS & 930 TYPE GRILLES



Steel Shutter, Plastisol finish extra cost



930 Grille, PPC extra cost

### APPLICATIONS

Heavy duty shutter - purpose designed for industrial, agricultural and commercial use. Face fitted or fitted within openings of steel, brickwork or concrete construction. The 930 Rolling Grille offers security and excellent vision in an attractive brick bond section. It is ideally suited for both interior and exterior applications.

### OPERATION

Handle Wind	(Max. 4m x 4m)
Chain Gear	(Max. 6m x 6m)
Electrically Operated	(Max. 9m x 9m)

Doors in excess of these sizes please contact our Technical Department.

### SPECIFICATION

Fully interlocking galvanised lath of a gauge to suit application, secured with malleable iron endlocks. Counter balancing by helical springs within steel barrel, Mechanism mounted between steel bracket plates. Shutter curtain retained within steel side guides of suitable depth to suit opening width. Geared operation is through machine cut spur/worm gear. Electrical specification overleaf. Customer to provide adequate support structure to carry imposed load of door and fixings.

The 930 grille curtain is formed from pressed steel links. 16mm x 3.2mm and tubular spacers, 11mm dia, x 1.2mm gauge, swung on an 8mm dia. bar. The mesh can be provided in two sizes, "A" 230mm x 76mm, "B" 115mm x 76mm (at extra cost). The curtain bottom is fitted either with a stiffening angle or a T-shaped section. A steel tubular roller, with counterbalancing springs, of sufficient section to reduce deflection, is supported by steel brackets and fixing angles.

The curtain itself runs in continuous steel channel guides, with supporting angles where necessary.

### OPTIONAL EXTRAS

- (1) Galvanised hood, fascia, soffit and motor cover.
- (2) Standard personnel wicket gate (gate for wheelchair use also available).
- (3) Nylon brush lintel & guide seals.
- (4) Tubular weather seal on bottom rail.
- (5) Windlocks and special guides for exposed positions.

### FINISH

Shutter curtain galvanised, remainder primed for painting by others.

#### ALTERNATIVE

- a) All materials, except steel barrel galvanised.
- b) Plastisol faced lath, (max. size 4.5m x 4.5m depending on location)
- c) Polyester powder coated lath and guides in a range of powder coated colours to give a durable and decorative finish.

The 930 grille curtain is zinc plated; remainder of steelwork is finished red oxide. We recommend that all steelwork receives a final paint finish. As an alternative the curtain and guides can be polyester powder coated in a variety of colours.

### MAINTENANCE

Doors are built to last but periodic maintenance will ensure long life and trouble-free operation. Maintenance Agreements can be arranged with our Service Department.

### ELECTRICAL SPECIFICATION

Standard is 415v 3 phase, 50 Hz, with a neutral, the coil circuit, being 220v. Single phase also available for smaller openings.

### COMMISSIONING & SITE WIRING

Wiring between the motor and isolator/controls is not included unless stated in our quotation. Wiring is available at additional cost. Commissioning and setting of motor limits is included if power is on at the time of wiring. Any return visits to commission will be at additional cost.

A "live" isolator/fused spur to suit the motor should be provided not more than 2m from the motor.

Where site wiring is included, unless otherwise instructed, it is assumed that all controls are set on the same side of the opening as the door.



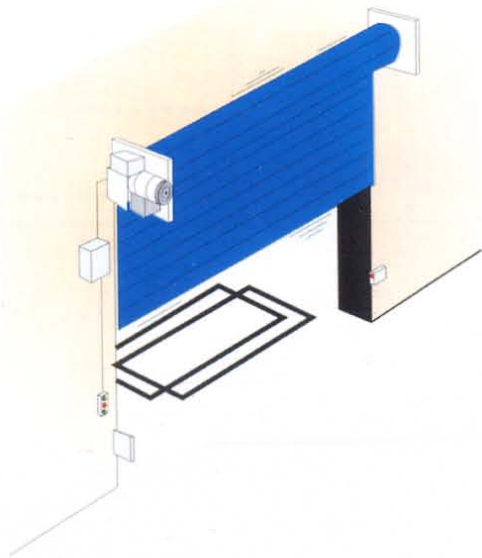
Door & Hardware  
Federation  
Incorporating DSMA & ABHM

# System Doors








SYSTON ROLLING SHUTTERS LTD TRADING AS SYSTON DOORS

33 Albert Street, Syston, Leicester LE7 2JB. U.K. Telephone (0116) 260 8841. Fax (0116) 264 0846

email: sales@system.com or visit www.system.com



Standard operation is by a geared electric motor, mounted to one of the shutter end brackets. Control is by a three button contractor with up, down and stop buttons. The down circuit is press to run, the up circuit momentary press. This can, however, be amended as required. All internal wiring terminates in a terminal strip ready for easy connection to the supply and motor. Top and bottom stopping positions are provided by means of a limit switch set integral or adjacent to the motor. Emergency hand operation is normally provided.

 Access Push Button	 Safety Safety Edge	 Photo Beam	 Remote Opening Radio (Security)	 Motion Sensor	 Loop Detector	 Control Timed Close
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- Remote push or key station.
- Photo cell.
- Inductive loop.
- Radio control.
- Card reader.
- Time delay.
- Safety bottom rail to stop and return the shutter to the fully open position.
- Part open stopping facility.
- Low voltage control circuit.
- Specific electrical control equipment to suit customers standards.
- Flameproof.
- Motors and control equipment.
- Emergency manual operation totally from ground level.



Illustrated here are two roller shutter doors, each 27m high and 5m wide. Installed at Braby's silo manufacturing plant. Syston Rolling Shutters were the only company approached by the construction engineers able to fulfil this unusual contract. Said Mr John Baldwin, Manufacturing Director of Braby, Bristol. "We are delighted, the quality of the doors and the service given by Syston were excellent"



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