

Alishield Range N3M

Technical Specifications



www.hag.co.uk
Advice Line 0800 072 3444

Alishield Range N3M



What is it made from

The Alishield range of roller shutters offers an all aluminium construction.

Typical Uses or Specific Use

Typical uses range are from Survery to Mall Security.

Security Level

Medium Security Level.

Benefit of product range

The Alishield Roller Shutter Range offers offering a stylish alternative to traditional products Security can be increased with the use of polycarbonate backing to prevent vandalism to the shopfront but also allowing vision to the shop display.

For further information about this product please call the HAG advice line on 0800 072 3444 or email info@hag.co.uk

Alishield Range N3M



Product Overview

Description

Alishield Range N3M - Heavy Duty Lath, 89mm Flat punched single skin aluminium lath, with 260mm x 45mm apertures.

Common use

Shopfront security and applications where vision is required

Maximum Width

8000mm

Dimensions

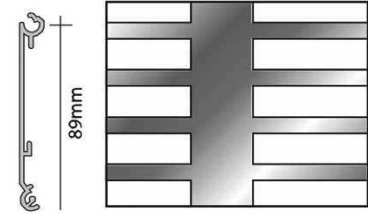
Normally 89mm x 1.5mm

Weight

8.5kg per square metre (10kg per square metre inclusive of polycarbonate)

Finish

Mill finish as standard, Polyester powder coat colours and anodised finishes are available.



Shutter Box Specification

Construction

0.91mm bright spangle galvanised pressed steel coil casing available in various different designs to suit individual circumstances.

Box sizes

Overall height (top of box)

Up to 1500mm box size 254mm

Up to 2500mm box size 305mm

Up to 3500mm box size 355mm

Finish

Galvanised steel standard, polyester powder coat colours are available.

Guide Rail Specification

Construction

Standard guide rails are 75mm x 38mm x 3mm Aluminium with brush seal others available on request. Electric shutters require a 50mm x 50mm steel box section (both sides) used to allow for motor unit and safety brake. A 76mm x 50mm box section will be used for shutters over 160kg in weight (5000mm x 3200mm approximately).

Finish

Galvanised steel as standard but polyester powder coat colours are available at an additional cost.

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Operational Specification

Spring Loaded

A counter balanced spring ensures controlled raising and lowering with a key lock in-built at the bottom of the shutter for security.

Single Phase Electric

A tubular motor within the barrel assembly with limit switches and thermal cut out to prevent overheating.
Draw 240 volts and 0.5 - 2.5 amps dependant upon the shutter size
Provision of a 13 amp fused spur is required for installation

Override

A manual override is included to operate the shutter in the event of a power failure. This is usually only Operable from only one side.

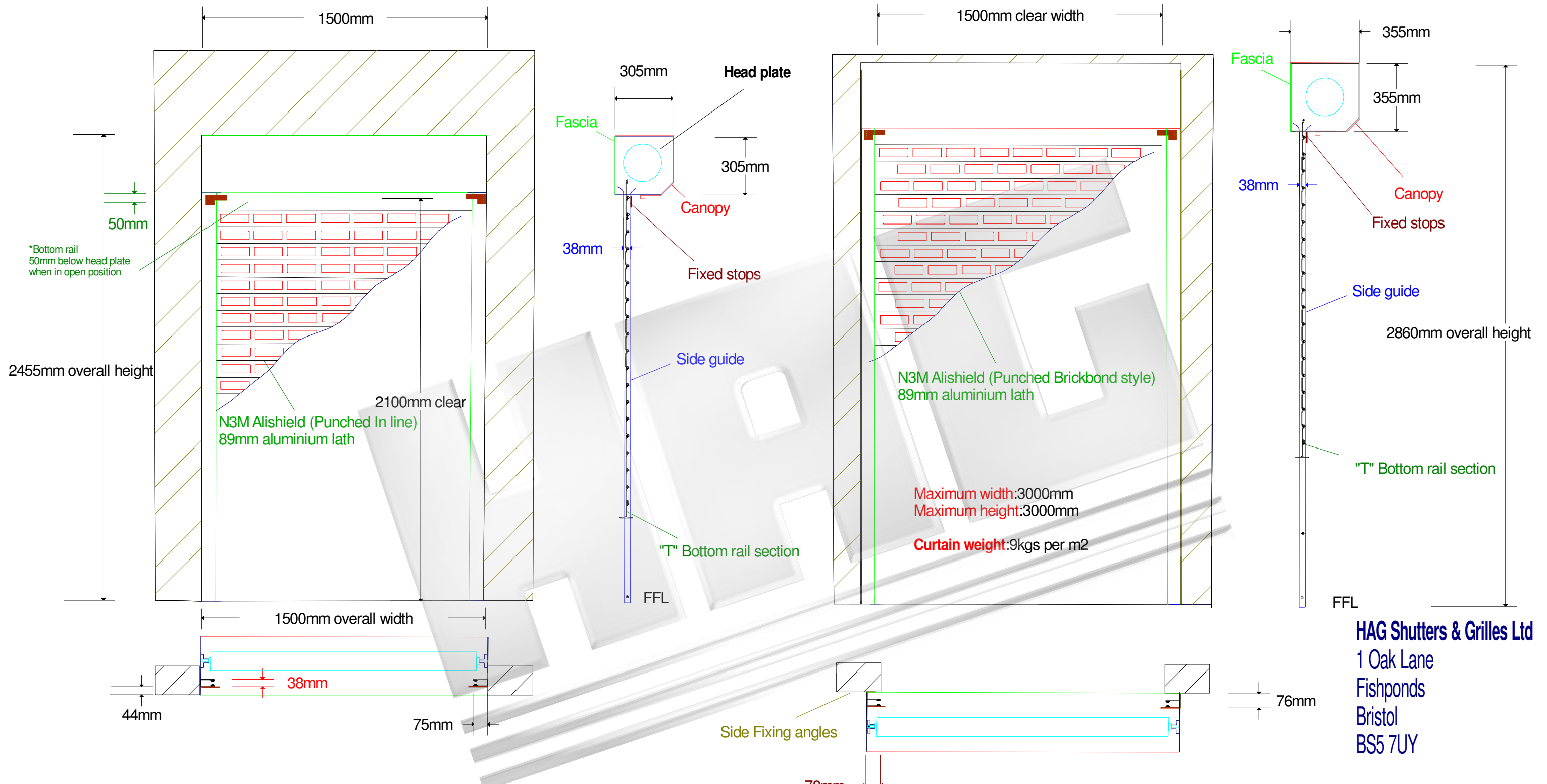
Control

Standard security key switch or rocker switch.
Other controls are available on request.

Product specification may change and it is advisable to consult with HAG technical advisors before specifying or ordering. HAG operates a policy of continuous improvement.

Visit our website for more information on HAG Roller Shutters www.hag.co.uk/roller-shutters.html

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Reveal fixed

Face fixed

Head plate sizes:
 Overall height: Upto 2000mm Head plate = 254mm
 Overall height: Upto 3000mm Head plate = 355mm

Minimum Side guide requirements:
 Overall width: Upto 3000mm Guide = 75mm X 38mm

Maximum width: 3000mm
 Maximum height: 3000mm
 Curtain weight: 9kgs per m2

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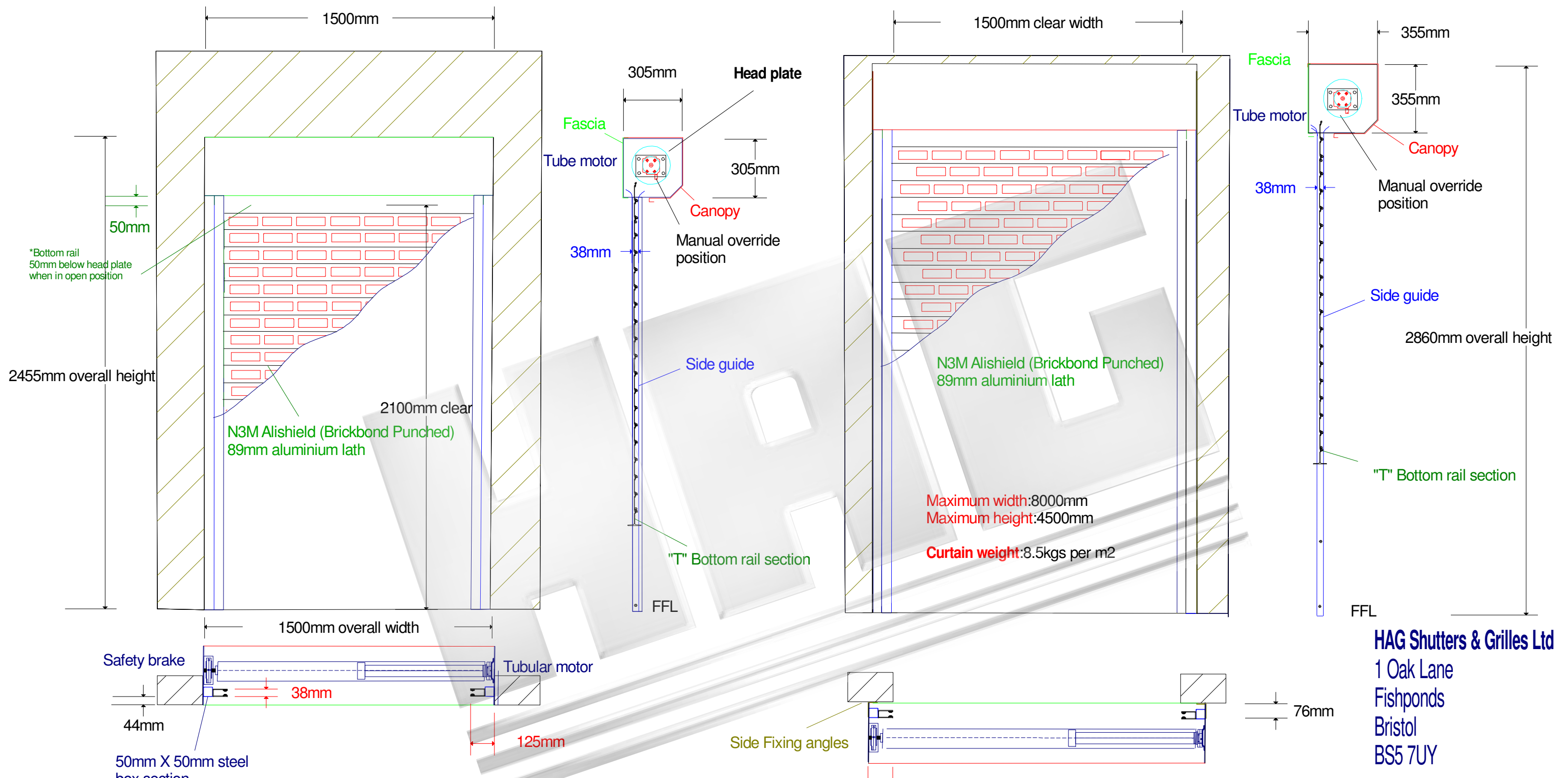
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Installation & Space requirements for standard Electric shutter

Product: N3M Alishield
Operation: Manual Spring & Lock
Fixing: Reveal fixed or Face fixed
Finish: Mill

Scale: 1:20 @ A3



Reveal fixed

Face fixed

Product: N3M Alishield
Operation: Single phase tube motor with override
Operator: security keyswitch
Power requirements: 13amp fused spur within 1 metre of opening
Fixing: Reveal fixed or Face fixed
Finish: Mill

Head plate sizes:
 Overall height: Upto 2000mm Head plate = 254mm
 Overall height: Upto 3000mm Head plate = 355mm
 Overall height: Upto 3500mm Head plate = 375mm
 Overall height: Upto 4500mm Head plate = 400mm

Minimum Side guide requirements:
 Overall width: Upto 4000mm Guide = 75mm X 38mm Box section = 50mm
 Overall width: Upto 8000mm Guide = 75mm X 38mm Box section = 76mm

Installation & Space requirements for standard Electric shutter

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