

## Metalbilt® Steel Roller Shutter Light Commercial Motorising (LCM) Model

### Applications

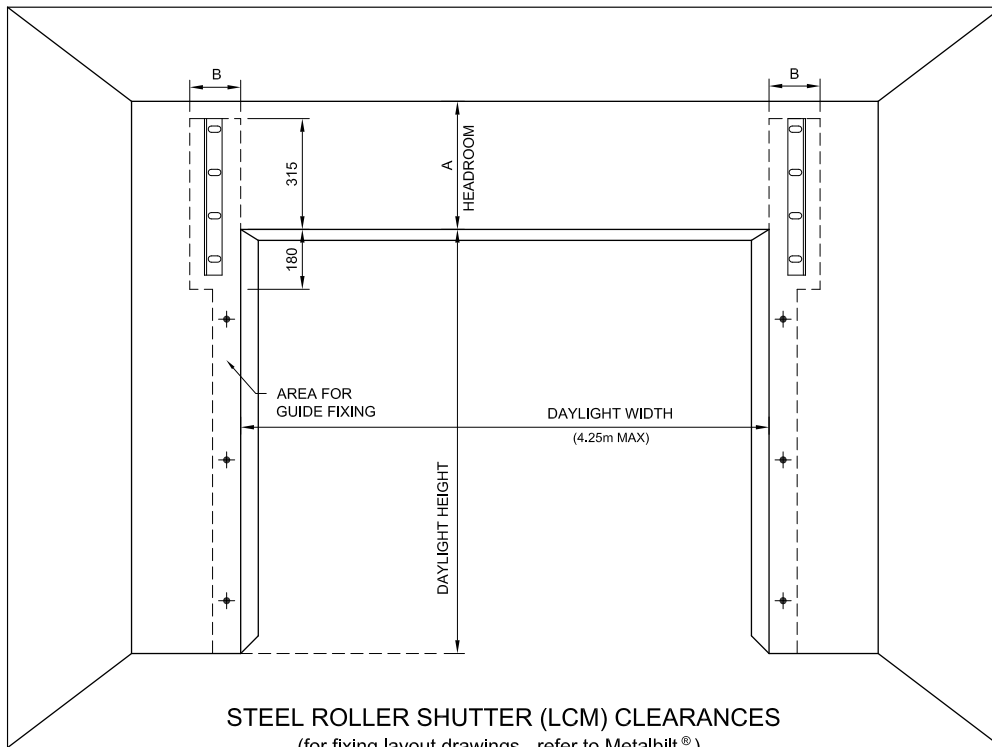
Factory units, storage facilities, sheds, barns, shop fronts or any opening requiring higher security than domestic roller doors, and where 3 phase power is not available.

### Features

- Curtains are constructed from individually roll formed replaceable interlocking galvanised slats as standard
- Single phase motorising with standard 3 pin plug and pre-wired hanging control pendant allowing immediate operation
- Motorising easily upgraded to full industrial rated gearbox with single or 3 phase motor and logic functions if door operating conditions change
- Ideal for openings up to 4.5m high, 4.25m wide and ten operations per day
- Wicket gate and egress door options available
- An extensive range of powder coating colours (including Colorsteel equivalents) or Zinalume screen options available
- Shutters are custom made to fit the size of opening and structure of building
- Sales Asia Oceania wide
- Branches in Auckland, Wellington and Christchurch

*55 years of manufacturing experience and continuous refinement.  
Service and repairs, 24 hours a day, on all makes of commercial doors.*

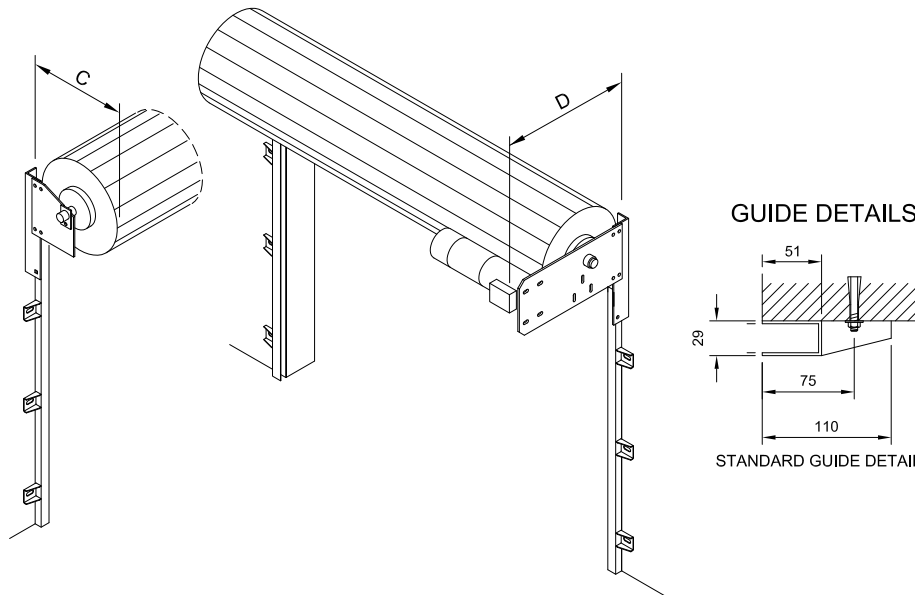
# Metalbilt® Steel Roller Shutter Light Commercial Motorising (LCM)



**STEEL ROLLER SHUTTER (LCM) CLEARANCES**  
(for fixing layout drawings - refer to Metalbilt®)

HEIGHT OF OPENING	HEADROOM	SIDEROOM	INSIDE PROJECTION BARREL	INSIDE PROJECTION MOTOR
(m)	A	B	C	D
0 - 4.0	450	145	400	600
4.0 - 4.5	450	145	430	630

Note: - We recommend securing the emergency hand chain out of reach.  
 - Adjust the push button height by looping surplus cable clear of the motor drive.  
 - Pushbuttons should be secured to wall. Refer to fixing instructions



## CURTAIN

Assembled from roll formed, galvanised steel interlocked slats, each having an effective width of 100mm. The slats can be replaced individually if damaged. Ventilation slots optional.

## BOTTOM BAR

Fitted to the lower edge of the curtain is an extruded aluminium bottom bar with a Neoprene weather seal.

## GUIDES

Constructed from roll-formed galvanised steel. Standard guides have a depth of 50mm and fitted with formed bell mouths to accept the shutter curtain.

## BARREL

Shutter barrels are fabricated from galvanised steel tube with a minimum diameter of 165mm and of sufficient wall thickness to ensure that nominal deflection does not exceed safe working conditions. Helically wound counterbalance springs are contained within the barrel for ease of opening and increased safety.

## ELECTRICAL OPERATION

The compact motorising units are powered by a single phase 0.37kW electric motor with chain reduction to the shutter barrel. Nominal operating speed 150mm/sec. The unit comes complete with standard 3 pin plug, limit switches, 3.2m drop emergency hand chain, built in brake and pre-wired 3.6m hanging pendant with UP/DOWN inching control buttons. Key switch activation is available.

**Standard doors meet the 5 year durability requirements of the N.Z.B.C. Details available on request.**

We reserve the right to alter specification without notice and without incurring obligation.

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