Metalbilt® Steel Roller Shutter
Low Cycle 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, 5.2m wide and ten operations per day
- Wicket gate and egress door options available
- An extensive range of powder coating colours (including Colorsteel equivalents) or Zincalume screen options available
- Shutters are custom made to fit the size of opening and structure of building
- Branches in Auckland, Wellington and Christchurch

Over 60 years of manufacturing experience and continuous refinement.
Service and repairs, 24 hours a day, on all makes of commercial doors.
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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. Windlock guides have a depth of 95mm and are recommended for wider openings or where higher windloading/security is required.

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 prewired 3.6m hanging pendant with UP/DOWN inching control buttons. Key switch activation is available.

It is recommended that the emergency handchain is either:
- Stored in the supplied chain bag or
- Cable tied to the motorising mounting plate.
(Both options shown on front page)

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