

AUTOMATIC SLIDING DOOR OPERATOR

MC-125

A single-slide and bi-parting sliding door operator for commercial pedestrian entrances — supplied, installed and commissioned by our own team.

1 000 000

OPERATING CYCLES TESTED

24 months

WARRANTY ON THE OPERATOR

24/7

BREAKDOWN LINE · 010 412 0062

The MC-125 drives a single or bi-parting sliding entrance under microprocessor control, with opening speed, closing speed and hold-open time adjustable on site.

01 What it is

Two configurations

One unit covers single-slide and bi-parting entrances, so the same operator suits a shop door and a hospital corridor.

Set on site, written down

Speed, hold-open time, force and sensor layout are commissioned to your entrance and recorded, so anyone can restore the baseline later.

Safety as standard

Safety beams and a force limit reverse the leaf if something is in the way.

Half-open mode

Opens to a fraction of full width through quiet periods, cutting heating and cooling losses without locking anybody out.

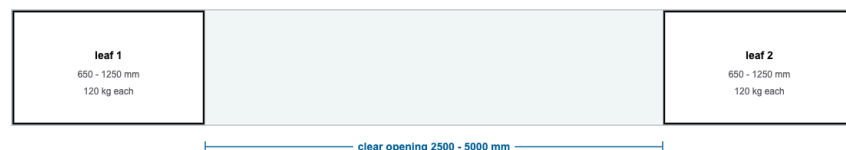
MC-125 configurations and opening ranges

Clear opening is the measured gap when the leaves are fully open. Leaf width is the panel itself.

SINGLE SLIDE



BI-PARTING



Clear opening is the gap when the leaves are fully open; leaf width is the panel itself. Which configuration applies is decided by the clear opening you need.

02 Technical specification

DIMENSIONS AND CAPACITY	SINGLE SLIDE	BI-PARTING
Clear opening	1 450 - 3 100 mm	2 500 - 5 000 mm
Leaf width	750 - 1 600 mm	650 - 1 250 mm per leaf
Maximum leaf weight	150 kg	2 × 120 kg
Manual opening force	under 40 N	under 50 N

DRIVE, POWER AND ENVIRONMENT	MC-125
Opening speed	150 - 460 mm/s, adjustable
Closing speed	130 - 460 mm/s, adjustable
Hold-open time	0 - 8 s, adjustable
Motor	DC 24 V, 60 - 70 W brushless, integrated gearbox
Power supply	AC 110 - 220 V ±10%, 50/60 Hz
Operating temperature	-20 °C to +50 °C
Service-life test	1 000 000 cycles
Installation	Surface mounted; solid level header required
Battery backup	Optional
Warranty	2 years on the operator

03 Control and integration

- **Four operating modes** – automatic, hold open, half open and locked.
- **Power-on self-checking** at every start-up.
- **Two-door interlocking** for airlocks and controlled lobbies.
- **Electric lock support** with multiple access-control inputs.
- **Deceleration mute wheel** for a quieter approach to the end of travel.
- **Safety beams and a force limit** – the leaf reverses on obstruction.
- **Fire system integration** – the entrance can be wired into the building's fire alarm so it behaves as specified on alarm. What it must do is set by the building's fire strategy and confirmed with the fire consultant or local authority.

Structural opening is always wider than clear opening. The leaves have to park somewhere, so a 3 000 mm structural opening does not give a 3 000 mm walkway. An operator is specified on **leaf mass**, not on whether the leaf is glass or timber – send us the measured opening and the leaf build, and we will size it properly.

04 Why MC Automations

What matters after handover is whether somebody answers, whether the part is on a shelf, and whether anyone still knows how the door was set up.

Service and breakdowns

A 24/7 breakdown line on 010 412 0062, not an office voicemail. Same-day call-outs are a Gauteng service; elsewhere the work is planned. Service agreements available for single sites and portfolios.

Spare parts

Genuine parts for our own range, held in Johannesburg, from the same supply the units are built from. A repair does not wait on an import.

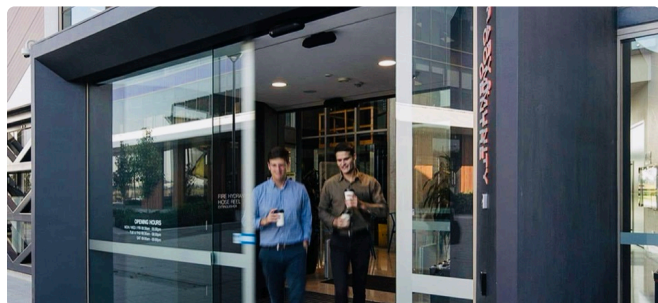
Technical support

Commissioning ends with the settings written down – speed, hold-open time, force and sensor layout – so the baseline can be restored later instead of guessed at.

- **Imported and assembled** at our Laser Park facility. We are not a manufacturer and do not claim to be one.
- **Independent multi-brand servicing.** We service the major brands already installed on site – a service relationship only; we are not an agent or distributor for any manufacturer.
- **Pedestrian entrances only.** We do not supply, fit, retrofit or service door closers.
- **Also from us** – the MCW-100 swing operator, telescopic sliding doors, automatic revolving doors, sensors and spares.

05 Where it is specified

Retail and shopping centres, healthcare, hotels and hospitality, offices and reception, banks and institutions, and landside airport entrances. We do airports, and we service the brands already installed.



Retail: a single shopfront entrance.



Offices: a glazed reception entrance.

NEXT STEP

Send us the opening

Measured clear opening, the leaf build and mass, a photograph as it stands today, and the honest daily traffic. Every project is quoted in writing.

010 412 0062



SCAN FOR OUR
WEBSITE