

## MODULAR DOOR SYSTEM

■ ISO 4190-1 Class 1

# MDS1



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MDS1 is an automatic door designed for new general purpose lifts assembled in residential buildings according to ISO 4190-1 (Class 1).

### THE QUICKEST AND EASIEST INSTALLATION IN THE MARKET

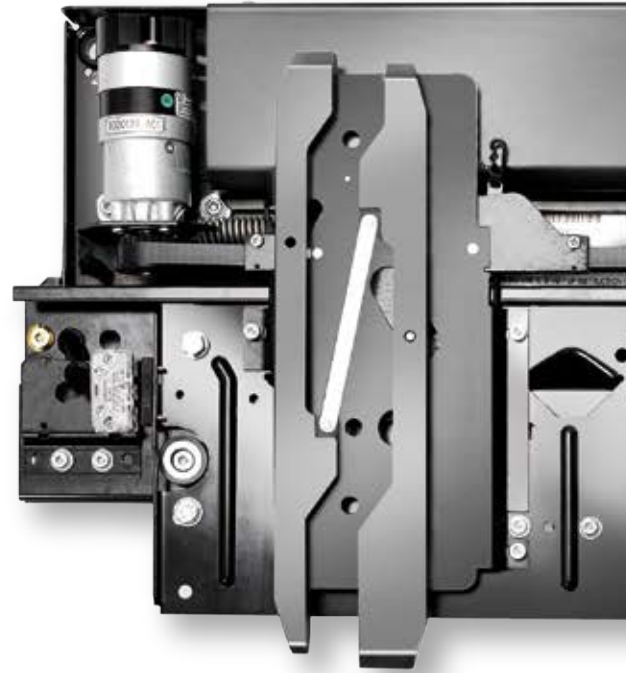
- All components are packaged according to their assembly sequence. Fixing accessories for each component are available in separate bags.
- Fail-safe installation by product design: pre-mounted sill group, quick referencing solutions built in the frames. No tools required for installation of side brackets.
- Operators and mechanisms tested and pre-adjusted.
- Identical panel design for fast and slow panels, right and left opening, central and side opening: no possible mistakes when mounting the panels.
- Designed to reduce adjustments to an absolute minimum.
- Even faster assembly time for the landing door (max. 48 min.) and for the car door (max. 60 min.) with 1 installer, including unpacking and adjustments.



### SIMPLIFIED MAINTENANCE

Reduced number of components; same spare parts for landing and car door cataphoresis treatment on mechanism and operator for rust resistance; MDS1 uses the same ECO+ drive as all Wittur doors.





#### REDUCED ENERGY CONSUMPTION

The new ECO+ brushless door drive is designed for low power consumption during operation (Average: 11 W) and standby (2,5W). Ready for 0-Watt standby mode without learning cycle. All electronic components are RoHS compliant (2002/95/EC Directive).



#### REDUCED NOISE LEVEL

Special roller material and new coupler design allow an average noise level of 50 dB\*\*. The door drive can be set to "low noise" operational mode during the night.

\*\* Lab tested in anechoic chamber with complete C.O. 800 centre and side-opening car and landing doors.



#### COMPACT DESIGN AND COMPATIBILITY

A total package depth of 105 mm/185 mm, an operator height equal to CH+345 mm and a mechanism height of CH+170 mm make it easy to fit MDS1 into tight spaces. Fixed sill depth for the entire MDS range.






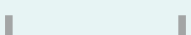


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### PRODUCTION RANGE

Landing Doors				
Sill depth (mm)	Type	Illustration	Clear Opening (mm)*	Height (mm)
40	01/C		700	2000 2100 2200
			800	
80	11/R		900	
			1000	
			1100	
80	11/L		1200	

Car doors				
Sill depth (mm)	Type	Illustration	Clear Opening (mm)*	Height (mm)
40	02/C		700	2000 2100 2200
			800	
80	12/R		900	
			1000	
			1100	
80	12/L		1200	

\* Intermediate C.O. available in steps of 50 mm



#### DURABLE AND RELIABLE

MDS is already prepared for the upcoming EN 81.1/2 A3 norms. MDS 1 Product lifetime is more than 1.5 million cycles for landing doors and in excess of 3 million cycles for car doors.



#### HIGHER SAFETY IS NOW A STANDARD

All MDS1 doors are fire certified according to EN81-58 E120.



#### OPTIMIZED PACKAGING

All components for one door are housed in a flat recyclable cardboard package with reduced volume, weight and footprint, which is easy to carry to the installation site. The new package offers up to 40% reduction of volume per packaged door compared to other doors of the same market segment.

#### WIDE RANGE OF FINISHING AVAILABLE FOR A COMMODITY DOOR

MDS1 is available in a variety of finishes including prime finish, RAL painted, stainless steel cladding.







WITTUR

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