

MAGNEO

Magnetic Drive
Sliding Entrance
System



■ Powered by advanced *LMD* technology

DORMA MAGNEO



The Magnetic Drive Sliding Entrance System

Powered by **linear magnetic drive technology (LMD)**, the DORMA MAGNEO is a sliding entrance system designed for any modern interior, whether public, commercial, or private. Its sleek *Contur* design has minimalist clean lines that blend seamlessly to meet discriminating applications. Innovative magnetic technology ensures that

the MAGNEO is safe, reliable, whisper quiet, and resistant to wear.

Ideal for both new and retrofit interior applications, the MAGNEO's modern design and easy operation make it an attractive and efficient way to update both the function and appearance of existing interior doorways.

The versatile MAGNEO meets all safety requirements for low energy applications. Its extra sensitive operation instantly detects any obstruction. Activation is achieved via touchless design push plate, radio remote control, or traditional infrared motion detectors.



For public, commercial, or private interiors, such as:

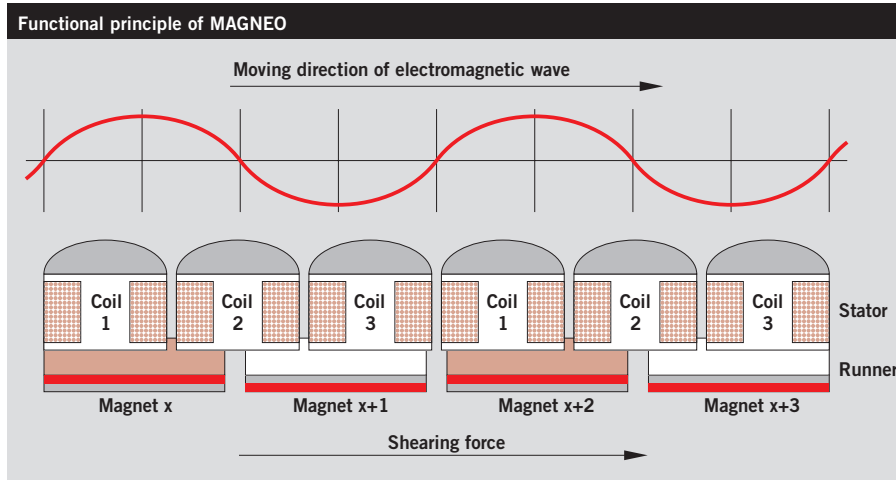
- Private offices
- High end residential buildings
- Health care facilities and spas
- Hotels
- Restaurants
- Conference facilities

DORMA MAGNEO

Driven by Linear Magnetic Drive technology



On light contact, the panel instantly stops and reverses direction.



With LMD-enabled features, DORMA MAGNEO transforms the function and design of automatic sliding entrances:

- Fewer moving parts
- Minimal energy usage
- Minimal maintenance
- Low or no profile
- Whisper quiet, hands-free, space-saving operation
- Previously unimaginable functions and designs

How does MAGNEO work?
DORMA applied LMD technology—similar to the technology that propels Japanese bullet trains—to automatic entrance design. The result is MAGNEO, a unique sliding entrance system that operates like no other.

By using the attraction and repulsion of magnets, a computer-controlled set of coils pushes and pulls the door from one position to another. This technique makes the door glide effortlessly without the need for belts, pulleys, gears, or motors. In fact, literally no mechanical

connection exists between the track and the door other than the wheels that hold it up.

What benefits does LMD bring? LMD technology redefines both the function and design of sliding entrance systems. MAGNEO is so compact with so few parts that its profile is extremely low or non-existent. It operates on low energy and requires minimal maintenance. The sliding panel opens and closes hands free and in near silence—

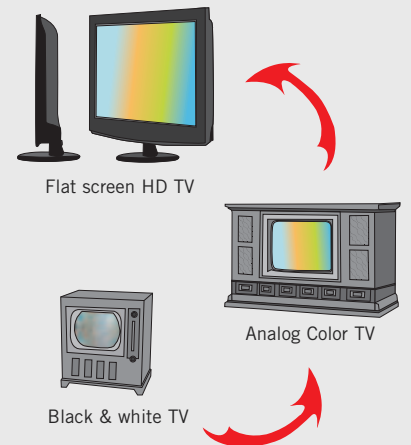
saving space as it moves back and forth on a flat plane.

Given these LMD-enabled features, MAGNEO sliding entrance systems work in ways and in places never before possible. Architects, builders, and interior designers can utilize the MAGNEO sliding entrance system to dramatically transform and enhance interior spaces and support green initiatives at the same time.



Custom glass panels add to MAGNEO's design possibilities.

Every technology advance effectively replaces what came before, enhancing both product design and function. Consider the evolution of television broadcasting—every major advance has transformed how TVs work, how they are designed, and how we use them.













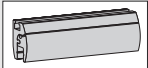

DORMA MAGNEO

The practical opening solution

MAGNEO's practical features satisfy both functional and aesthetic demands.

- **MAGNEO supports Green and LEED initiatives.**
By using LMD technology, MAGNEO is a low energy system requiring minimal power. When used with a glass panel, it provides valuable daylighting to interior spaces.
- **MAGNEO is ADA compatible.** It meets all ADA requirements and provides automated barrier-free access. Low energy MAGNEO is safe without added safety sensors. On light contact, the door instantly stops and reverses direction.
- **MAGNEO offers reduced lifetime cost of ownership.** MAGNEO has fewer moving parts and incurs less wear and tear, so it requires less maintenance than traditional automatic sliding doors.
- **MAGNEO is whisper quiet.** Its nearly silent operation is a plus in settings where noise and distractions need to be minimized.
- **MAGNEO with touch free activation supports sanitary conditions.** When installed with an optional activation device that provides touch-free operation, MAGNEO can help prevent surface contamination.



Customizing options			
Opening widths	Up to 34" (875 mm) Up to 39" (1000 mm) Up to 44" (1125 mm)		
Operator mounting	On wall		Activation devices Easy Push-&-Go operation  Wireless touch plate  Wireless touchless switch  Wireless key fob 
	In wall		
	On glass		
Door panel types	All glass – MANET fittings 		Handle types MANET pull Recessed pull 
	Max panel weight: 175 lb (80 kg) All glass – clamp rail 		
	Wood Metal Custom 	Floor guide rails	Appropriate guides provided for each type of door. Glass doors have a simple guide; wood, metal, or custom doors have a concealed rail and guide.

MAGNEO

Space design flexibility

By automating interior entrances in ways and places that were never feasible before, the MAGNEO sliding entrance system solves innumerable interior design problems. MAGNEO offers architects, builders, and interior designers the flexibility to dramatically transform and enhance interior spaces—whether in commercial, hospitality, or high end residential settings.

MAGNEO's revolutionary technology leads to revolutionary possibilities for incorporating automated openings into interior design.



With its low- or no-profile header and sleek Contur styling, MAGNEO's clean minimalist design complements any décor.

High end residential

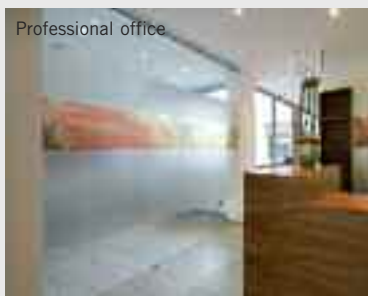
Hospitality



Restaurant



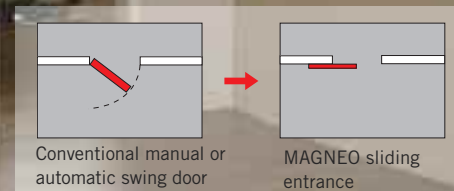
Professional office



MAGNEO solves design problems by automating interior entrances in new ways and new places.



Dining facility





DORMA Entrance Systems™

Providing entrance systems that meet or exceed industry standards while maintaining architectural appeal.



DORMA Automatics

A leading innovator of automatic door systems, DORMA Automatics offers products for practically any application: retail, health care, office buildings, airports, hospitality, and more.

Crane Revolving Doors

The choice of leading architects for commercial and institutional buildings, Crane Manual, Automatic, & Security Revolving Doors can be found in buildings worldwide.



DORMA Americas

DORMA Entrance Systems™
Pedestrian Flow, Safety & Security

DORMA Architectural Hardware
Providing Safety & Security Around the Door

DORMA Glas
Elegance, Versatility & Beauty

Modernfold
Sound & Space Management

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