

# ICONIC ENTRANCES FOR ICONIC ARCHITECTURE

Premium Revolving Entrance Solutions for  
World's Landmarks



**HSS**MATIC

## COMPACT DRIVE OPTIONS

**Ceiling-mounted or floor-integrated — engineered to fit.** Our drive units can be installed either in the canopy or recessed into the floor, offering maximum design flexibility. With a construction height of only 135 mm, they are among the slimmest on the market — ideal for both renovation and new-build projects where space is at a premium.



## FLEXIBILITY

All configurations possible, also for escape routes.



## SMART. STRONG. SEAMLESS.

**Technology and design in perfect balance.** Our doors combine motion sensors, access control, and silent operation in a refined architectural frame. Whether it's luxury retail or high-volume transit, each system adapts to your building's function — beautifully and reliably.

## SAFETY-FIRST ENGINEERING

**Built to protect, certified to perform.** From anti-panic breakout wings to intelligent obstacle detection, every HSSMATIC unit is tested to meet global safety standards including **EN 16005** and **ANSI 156.27**. Emergency modes and fail-safe operation ensure user security 24/7 — even in power loss.

## ECO EFFICIENCY

**Designed to reduce energy loss and environmental impact.**

HSSMATIC revolving doors feature airtight sealing and thermal barrier systems that minimize indoor-outdoor airflow. Our models support green building certifications like **LEED** and **BREEAM**, and integrate with building management systems for intelligent energy use.

## FEATURE HIGHLIGHTS

- ✓ Night locking mechanism
- ✓ Led Lightning in Canopy & Floor
- ✓ Touchless entry sensors
- ✓ Custom glass & finish options
- ✓ Small top ceiling
- ✓ High-Performance Weather Seals (air, dust, sound)
- ✓ Slow Mode for Eldery & Children &
- ✓ IoT Remote Monitoring
- ✓ Touchless activation
- ✓ System integration( BACnet, Modbus,..)
- ✓ Predictive Maintenance Alerts (Sensor-Driven)
- ✓ Glass Options (Safety, Acoustic, Smart Glass)
- ✓ Custom RAL/Anodized/Stainless Finishes
- ✓ EN 16005/ANSI 156.27 Certified Compliance

# Not just another drive for revolving doors

*Engineered with precision to meet the highest standards of performance and reliability*



## DRIVE SYSTEM INNOVATION

**Compact. Efficient. Universal.**

The **HSS ARCOS™** drive unit is engineered for flexibility and integration. Requiring minimal installation space — just **135 mm in height** — it fits seamlessly in the floor or ceiling, and can be retrofitted into third-party door systems.

For additional torque or redundancy, an optional drive interface offers intuitive operation and full compatibility with modern building automation systems, access control, and remote diagnostics.

Yes, we can make yours ..

**HSS ARCOS™**

## ✦ MODEL CONFIGURATION OVERVIEW

**Tailored performance for every architectural challenge.**

The ARCOS™ revolving door platform is available in three distinct configurations to accommodate a wide range of project requirements. Whether you're seeking compact elegance, enhanced torque capacity, or full custom engineering — HSSMATIC delivers.

Model	Operators	Max. Speed	Height Range (mm)	Diameter Range (mm)
ARCOS 1000	1 drive	0.7 m/s (EN 16005)	2100 – 3000	2000 – 3000
ARCOS 2000	2 drives	0.7 m/s (EN 16005)	2100 – 4000	2000 – 4000
ARCOS-G	No limits	On request (customized)	On request	On request

Note: The ARCOS-G series is developed for fully customized requirements and oversized installations. Our engineering team will assist with bespoke solutions upon request.

# DESIGNED FOR VISIONARIES. BUILT FOR BUILDERS.

At HSSMATIC, we don't just create entrances – we craft architectural experiences. Our revolving doors are engineered to complement the boldest visions in modern construction.



## ARCHITECTURAL HARMONY

Seamless integration into premium facades – where form meets function in perfect balance.



## SMART FUNCTIONALITY

Equipped with advanced sensors, access control and energy-saving automation as standard to project specs.



## SUSTAINABLE IMPACT

Reduce energy loss, elevate thermal performance, and support LEED and ESG targets with every installation



[www.hssmatic.com](http://www.hssmatic.com)