

ENTRANCE AUTOMATION FOR ICONIC SPACES

TOP & UNDERFLOOR SWING DOOR SYSTEMS

Precision Engineering. Effortless Motion



HSSMATIC

PRECISION ENGINEERING. EFFORTLESS MOTION.

HSSMATIC TOP360 SWING DOOR SYSTEM

The HSSMATIC Top360 – Surface Mounted Swing Door System is an advanced automation solution built for precision, reliability, and architectural elegance. Combining robust mechanics with smart control, it delivers quiet power and smooth motion for high traffic commercial and architectural applications.

CORE FEATURES

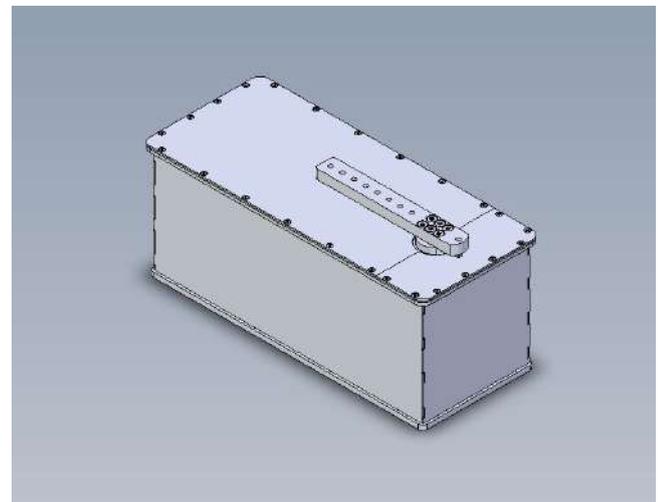
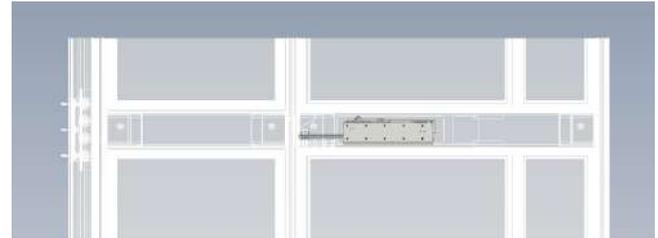
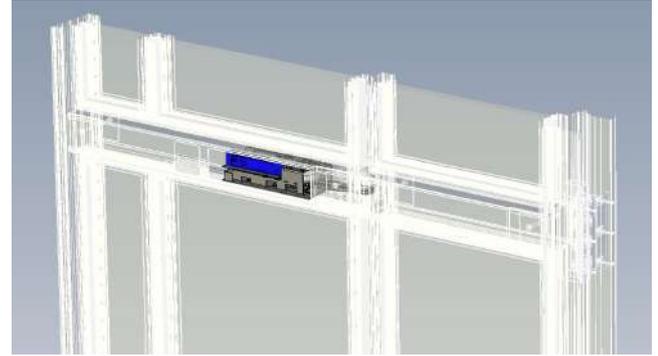
- Motor Power: 350 W DC high-efficiency motor delivering up to 450 Nm torque
- Maximum Door Weight: ≤ 600 kg | Maximum Door Width: 1600 mm
- Speed Control: Variable acceleration and deceleration for smooth start/stop
- Auto-Learn Function: Automatic stroke memorization with adaptive limits
- Lock Options: Compatible with fail-safe, fail-secure, bolt, and magnetic locks
- Operating Modes: Automatic / Low-Energy / Pulse / Dead-Man Control
- Emergency Function: Manual opening during power loss
- Duty Cycle: Continuous (100 %) – ideal for heavy-use environments
- Fire and Smoke Door Integration Ready • Home Automation Compatibility

Dimensions	527 × 150 × 188 mm
Max Torque	450 Nm
Voltage Input	110 – 240 VAC (50–60 Hz)
Control Voltage	24 V DC
Standby Consumption	1.68 W (typical)
Operating Temperature	-20 °C to +50 °C (IP54 Protec-
Noise Level	< 50 dB
Unit Weight	Approx. 18.8 kg
Compatibility	Right- or Left-hand door configurations
Mounting Options	Variety of covers, brackets, and reposition

CRAFTED FOR SEAMLESS ENTRY

▶ RECOMMENDED APPLICATIONS

- ✓ Hospitals, clinics, and elderly homes
 - ✓ Hotels, offices, and airports
 - ✓ Fire escape and smoke ventilation routes
 - ✓ Private homes requiring accessible design
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🧠 SMART INTEGRATION. TOTAL CONTROL.

Every HSSMATIC system is powered by an intelligent digital controller ensuring flawless motion, safety compliance, and connectivity across all control inputs.

○ CONTROL & CONNECTIVITY

- ✓ LCD Interface with real-time diagnostics and self-calibration
 - ✓ Bluetooth & Web-Based Setup for quick configuration and remote adjustment
 - ✓ CAN-Bus communication for dual-leaf (Master/Slave) synchronization
 - ✓ Input compatibility: Push buttons | Radar sensors | Access control | Lock signals
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🔵 ADVANCED SAFETY & RELIABILITY

- ✓ EN 16005-compliant obstacle detection with self-testing sensors
 - ✓ Adjustable Opening Force – EN 16005 / EN 60335-1 / EN 12453 / ISO 13849
 - ✓ Anti-Burglar Function prevents forced entry and tampering
 - ✓ Emergency Stop & Fail-Safe Manual Release
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■ OPTIONAL ACCESSORIES

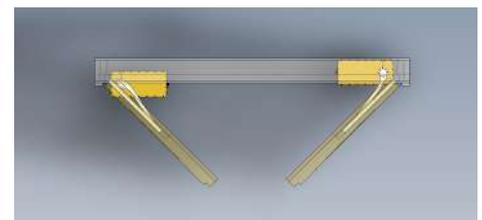
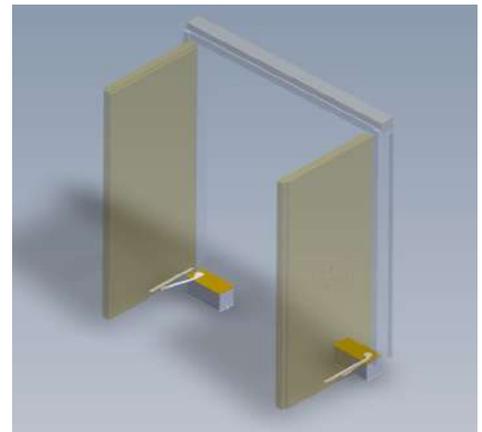
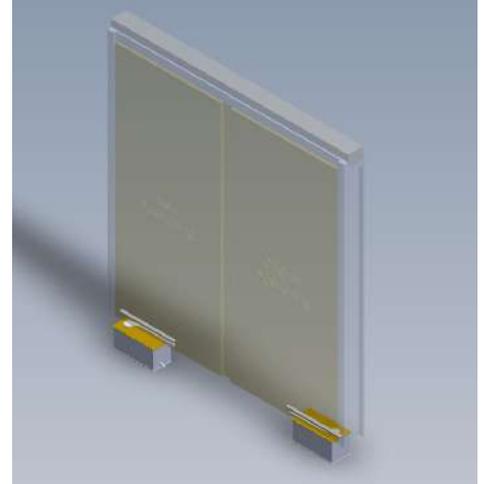
- ✓ Touchless activation sensors and radar detectors
- ✓ Safety photocells and infrared presence sensors
- ✓ Electromechanical / magnetic locking modules
- ✓ Wireless push-button kits and remote triggers
- ✓ Dedicated battery backup for emergency operation

PERFORMANCE YOU CAN TRUST

SUB-U360 - UNDER FLOOR SWING DOOR SYSTEM

The HSSMATIC Sub-U360 is a concealed automation system designed for architectural elegance and durability. Installed beneath the floor, it offers seamless motion, exceptional torque, and intelligent control for demanding environments such as luxury villas, hotels, and public buildings.

Input Power	100 – 240 VAC ~ 4 A (50/60 Hz)
Output Voltage / Current	36 V DC / 13.9 A
Nominal Power / Max Power	350 W / 500 W
Max Torque	600 Nm
Door Weight (Max)	800 kg
Door Width (Max)	1,800 mm
Opening Speed	Adjustable (≤ 2 sec for 90°)
Dimensions	610 × 270 × 258 mm
Duty Cycle	Continuous (100 %)
Noise Level	< 50 dB
Installation	Indoor / Protected Underfloor Use



BEST USE CASES

- Modern façades and glass buildings
- Windy or humid regions
- Premium residential and hospitality spaces
- Access-controlled zones and exits

SERVICE & SUPPORT

- Preventive Maintenance Packages
- Emergency Repair & Fast Response
- Remote Diagnostics via Service App
- System Upgrades & Norm Compliance

WHY CHOOSE HSSMATIC?

- 💡 **Proven Reliability** – Engineered for continuous operation in high-traffic environments
- 💡 **Global Standards** – Fully compliant with EN 16005, EN 60335-1, EN 12453, ISO 13849.
- 💡 **Intelligent Control** – Bluetooth, web setup & CAN-Bus synchronization
- 💡 **Architectural Harmony** – Design blends seamlessly into modern façades
- 💡 **Custom Integration** – Supports access control, home automation & fire/safety interfaces
- 💡 **After-Sales Assurance** – Professional service and maintenance support in Dubai and worldwide

CONTACT US :

HSS MATIC GMBH – Dubai, UAE

📞 Phone: +4917617384527

✉ E-mail: info@hssmatic.com

🌐 website: www.hssmatic.com

DESIGNED FOR VISIONARIES. BUILT FOR BUILDERS.

At HSSMATIC, we don't just create entrances -
we craft architectural experiences.

Our Automatic Swing Doors with Top and Underfloor
Door Drives 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 automa-
tion as standard
to project specs.



SUSTAINABLE IMPACT

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



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