

FD20 SWING DOOR OPERATOR



The GILGEN FD20 swing door operator is a strong and highly versatile drive providing easy installation, high performance and reliable operation for all types of swing door - from lightweight internal doors to heavyweight external doors up to 250kg.

Highly versatile

FD20 is suitable for new installations or building upgrades. All types of doors including fire doors can be automated with ease.

Unmatched functionality

- Full Power, Low Energy and Inverse in one unit
- Electromechanical opening system
- Controlled, spring-actuated closure with motor assistance
- Spring-actuated closure in the event of a power failure
- No travel stops required (except for fire-rated doors)

Easy Installation

- Installation to lintel or door leaf
- Push or pull operation with standard or sliding arms
- Consistent installation position
- Reliable plan-compatibility ideal for a wide range of applications
- All-pole, circuit-breaking master switch (integrated into side cover)

Configurations

- All functions / parameters accessible from on-board interface (no need for additional programmers):
 - Operating sequence
 - Opening angle
 - Push and go function
 - Electronic closing-sequence control for two-leaf doors
 - Interlock function
 - Simple set up for double doors

Safety Tested

- Independantly tested - TÜV-Nord
- EN16005, DIN 18650 compliance

For reliable everyday operation

- Obstacle-detection system with automatic stop/reverse mechanism
- Door mounted safety sensors
- Smooth, noise-free operation
- 100% electromechanical
- Very low power consumption in standby (4 watts)
- Illuminated program selector keys integrated into side cover
- Intelligent wind-load compensation for windy locations

Activation and Control

- Safety sensors / Radar devices
- Contactless detection sensors
- Hand-held radio transmitter
- Foot- or elbow-operated switches
- Key-operated pulse switches and badge/ pass scanners
- Electric locks and locking devices
- D-BEDIX external control unit