

D60001 SWING GATE (INTEGRATED IN-POST DRIVE)



MAXIMUM SPAN

10m
5m single leaf

MAXIMUM HEIGHT

3.5m
(depending on span and infill)

DRIVE

3 Phase
internal motors

LOCKING

500kg Maglock

HINGES

Bearing load hinges

FINISH

Primed and Polyester Powder Coated
in a Standard RAL colour

SAFETY

Lower and vertical
Cat 3 safety edges

Dual-height photocells, flashing
beacon/sounder





CONTROLLER

The D6000i utilises a Feig control panel, with software co-developed by Ultimation, providing a highly configurable platform featuring hundreds of easily accessible parameters for installer-level adjustment and fine-tuning. A key advantage for swing gate applications is the implementation of a true master and slave configuration achieved using only a 5-core connection. This enables both gate leaves to operate in complete synchronisation, responding seamlessly to all control inputs and safety activations while maintaining consistent performance and system integrity.



GATE DRIVE

The D6000i is driven by a three-phase electromechanical motor and gearbox assembly, engineered to deliver high torque output with exceptionally smooth and efficient operation. Integrated with a Feig controller, the system operates from a single-phase supply while retaining the performance advantages of a three-phase drive, ensuring optimal efficiency, reliability, and control. This configuration incorporates a Feig encoder, providing high-resolution positional feedback for precise motion control and enhanced system accuracy.



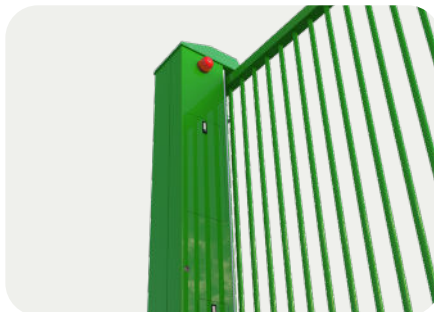
HD GATE HINGES

The D6000i is equipped with precision-engineered bearing hinges rated for loads of up to 3,000 kg, delivering enhanced structural support, reduced frictional wear, and consistent long-term operational reliability.



SINGLE LEAF OPTION

The D6000i is available as a single-leaf configuration, capable of spanning openings up to 5,000mm with gate heights of up to 4,000mm. As standard, it is supplied with a dedicated closing post and a 500kg-rated magnetic lock, ensuring secure and reliable closure. The system is also equipped with dual photocells mounted on both the main post and closing post, providing comprehensive safety coverage and obstacle detection.



SAFETY SYSTEMS

The D6000i is supplied as standard with a comprehensive safety package, including dual-height photocells for enhanced presence detection. Each gate leaf is fitted with Category 3 safety edges, comprising two lower horizontal edges and one closing vertical edge per leaf, providing full protection across primary risk zones. In addition, a post-mounted safety edge is installed to safeguard against post entrapment. The system is further complemented by a post-mounted beacon sounder, delivering clear visual and audible warnings during gate operation.



GATE INFILL OPTIONS

A wide range of gate infill options is available to meet security and design requirements. Standard choices include vertical steel tubes, welded mesh, and palisade systems, with additional options such as composite boards and timber cladding.

Custom sheet steel panels can also be laser-cut with logos or branding, combining strong security with a distinctive visual identity.

