

# DS700 ALUMINIUM CANTILEVER SLIDING GATE

**UMD**  
ULTIMATION DIRECT



#### MAXIMUM SPAN

**12m**

[or 10 metres at 3 metres high]

#### MAXIMUM HEIGHT

**4m**

[depending on span and infill]

#### DRIVE UNIT

**3 Phase**

Motor and wormed gearbox with rack and pinion

#### OPENING/CLOSING TIME

**4 secs per metre**

[adjustable]

#### CYCLES

**100%**

duty cycle

#### POWER SUPPLY

**230v, 50Hz, 16AMP**

#### SAFETY (STANDARD)

6 CAT three safety edges,  
dual-height photocells,  
emergency stop, hold-to-  
run keyswitch, flashing  
beacon/sounder



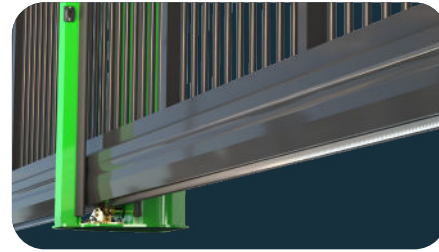
### PLC

Plug and play! All Ultimation gates feature a Feig control system with inverter, all pre-wired and factory tested ready for connection to your mains power supply.



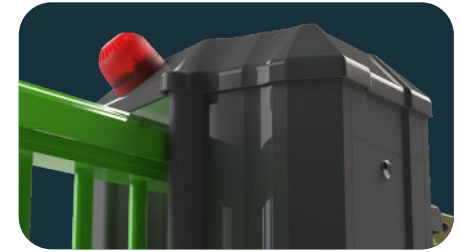
### GATE DRIVE

Reliable and almost silent in operation. D5700 gates are powered via an inverter driven motor and gearbox, providing 3 phase controllability with single phase economy. The gearbox has an encoder on for ultimate precision.



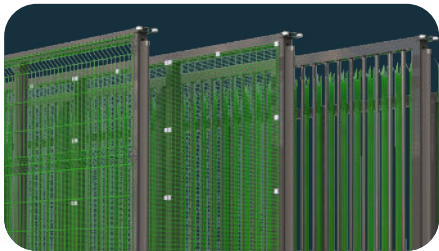
### HEAVY DUTY STEEL DRIVE RACK

The D5700 incorporates a 22mm wide steel drive rack that bolts to the aluminium channel for ultra reliable operation.



### SAFETY SYSTEMS

Safety first, all our powered gates are equipped with class leading safety systems as standard. For the D5700, this includes 6 x cat 3 safety edges, twin photocells at different heights, a cabinet mounted emergency stop button, hold to run keyswitch and a flashing beacon/sounder. Working off the Feig controller the software provides the quickest response to a safety event in the industry.



### GATE DESIGN

Designed to meet project-specific requirements, a comprehensive range of gate infill solutions is available to address security performance, architectural intent, and environmental considerations. Standard configurations include vertical steel tube infill, welded mesh, and palisade systems. Additional options such as composite boarding and timber cladding can also be specified. For bespoke applications, sheet steel infill panels can be manufactured with precision laser-cut branding or logos, enabling seamless integration of corporate identity while maintaining structural integrity and compliance with design standards.



### TOP MOUNTED INDUS KIT

As proven across our steel gate range, the top-mounted indus kit is engineered to provide optimal protection and long-term reliability. By positioning the assembly above the roller channel, all critical components are isolated from debris, standing water, impact damage, and material ingress commonly encountered within the channel. This configuration significantly reduces wear, simplifies inspection and maintenance access, and improves overall system longevity compared to traditional in-channel installations.



### OVER SHROUDED SAFETY EDGES

The control cabinet incorporates integral safety edge entry apertures designed specifically to accommodate rubber safety edge profiles, positioned beneath the cabinet lid for added protection. This allows the safety edge to pass cleanly into the enclosure without external cut-outs or exposed entry points, maintaining the integrity of the cabinet. By enclosing the entry beneath the lid, the design reduces the risk of water ingress, debris contamination, and mechanical damage to the safety edge lead-in, improving long-term reliability. The protected entry arrangement also ensures a neat, professional installation while supporting compliance with safety and electrical standards.



### GATE FINISH

We've invested in a state-of-the-art automated powder coating booth, purpose-built for sliding gates, to deliver a consistent, flawless finish every single time. The fully automated coating process delivers a controlled and uniform film thickness across the entire gate assembly. Full coverage is achieved on edges, welds, and complex geometries, eliminating thin areas, runs, and uncoated sections typically associated with manual application. This results in a consistent protective layer with no weak points and removes reliance on operator technique, ensuring repeatable, high-quality finishes on every unit.

