

D2300 AUTOMATIC HEIGHT RESTRICTOR

UMD
ULTIMATION DIRECT



MAXIMUM SPAN

10m

OPENING/CLOSING TIME

5 secs/metre

[adjustable]

POWER SUPPLY

230v, 50Hz, 16AMP

CYCLES

100% duty cycle

MAXIMUM HEIGHT

3.5m

depending upon span

DRIVE UNIT

3 Phase motor

and wormed gearbox with rack
and pinion final drive

SAFETY

Cat 3 safety edges

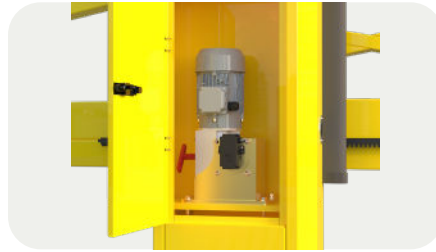
dual-height photocells, emergency stop button and flashing beacon/sounder





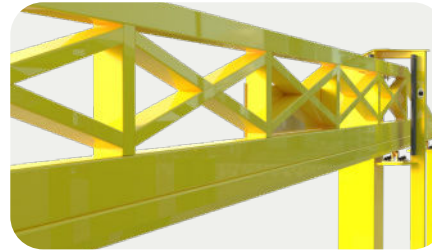
FEIG CONTROLLER

All UMD gates feature a Feig control system with inverter and are fully pre-wired and factory tested, ready for connection to your mains power supply. With a wide range of adjustable parameters, installers can easily customise the system to suit specific site requirements.



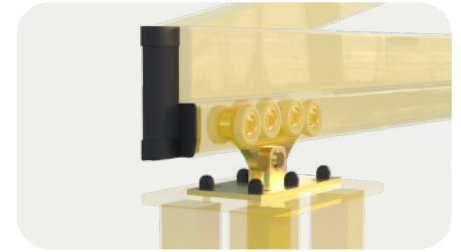
DRIVE

Reliable and almost silent in operation, D2300 gates are powered by an inverter-driven motor and gearbox, providing three-phase control with single-phase economy. This ensures exceptionally smooth operation of the height restrictors.



DESIGN

The D2300 is engineered for structural strength. Built from 80x80mm steel box section, with 80x40mm cross members and a 120x80mm bottom section, it delivers a robust gate frame designed to protect your site.



ROLLERS

Our 8-wheeled polyamide rollers ensure smooth, near-silent operation while effortlessly supporting gate weights of up to 600kg.



INTERLINKING

The D2300 can be integrated with our other products, such as barriers. These systems can be configured to operate in synchronisation or programmed to switch between operations at set times, providing flexible and efficient site management.



SAFETY

All our powered gates are equipped with class-leading safety systems as standard. For the D2300, this includes six Category 3 safety edges, twin photocells at different heights, a cabinet mounted emergency stop button, and a flashing beacon/sounder. Working in conjunction with our unique control software, these features deliver one of the fastest safety response times in the industry. The D2300 also incorporates flush-fitted limit detectors and canted safety edges at the drive post to minimise trapping hazards.



FINISH

The UMD sliding gates are finished in our purpose-built, automated powder coating booth, specifically designed for sliding gates to deliver a consistent, flawless finish every time. The fully automated coating process ensures a controlled and uniform film thickness across the entire gate assembly, achieving full coverage on edges, welds, and complex geometries. This eliminates thin areas, runs, and uncoated sections typically associated with manual application. The result is a consistent, durable protective layer with no weak points, removing reliance on operator technique and ensuring repeatable, high-quality finishes on every unit. Most standard RAL colours are available as standard.

