

PARAMOUNT SWING GATES

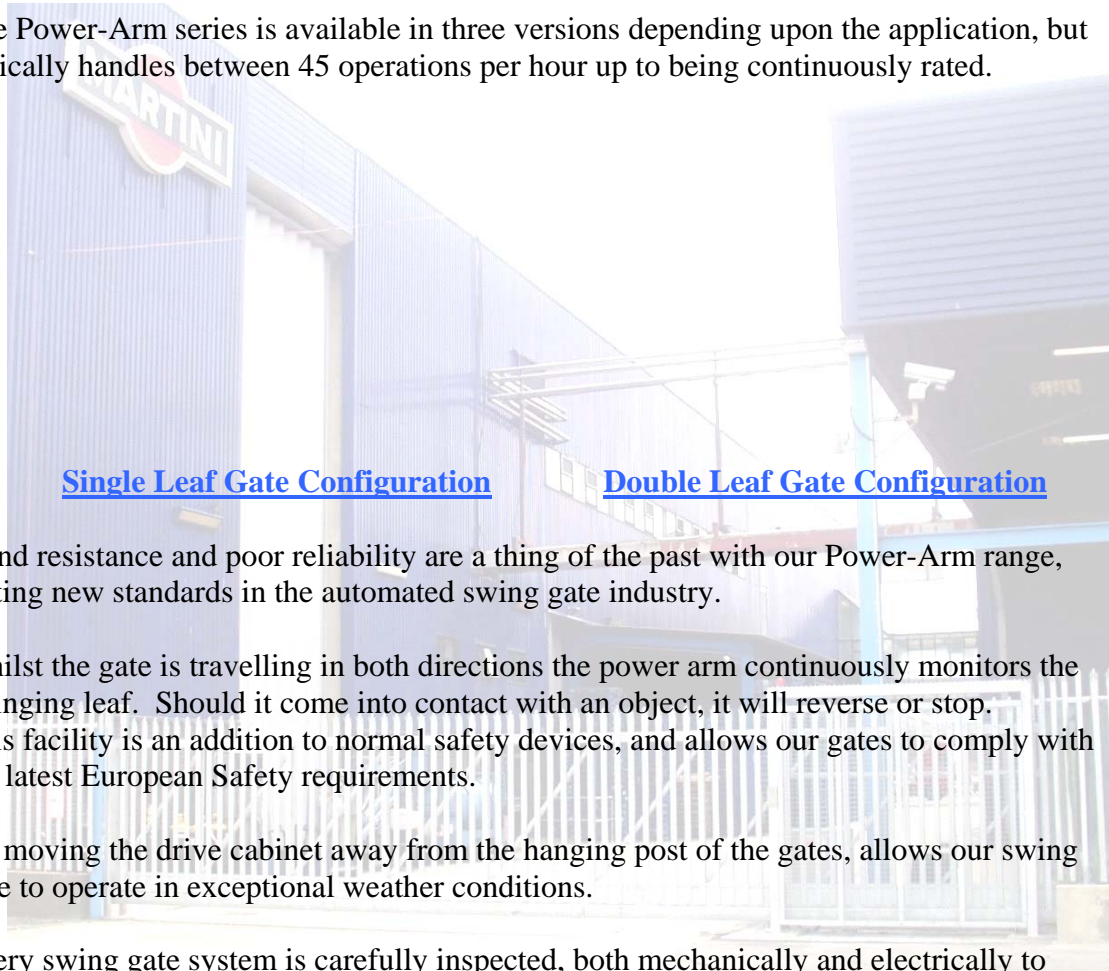
Data Sheet SW1

SWING SECURITY GATES- POWER ARM SERIES

The Paramount Powered Swing Gates are the ideal solution for protecting the perimeter of all types of premises ranging from light domestic to heavy industrial.

Our swing gates operate using a remotely positioned articulated arm. The Power-Arm range offers heavy duty operation and is designed to provide exceptional locking of the gate leaf, without the need for additional locking systems, on gates below 4.0 meters each leaf (8.0m total opening).

The Power-Arm series is available in three versions depending upon the application, but typically handles between 45 operations per hour up to being continuously rated.



Single Leaf Gate Configuration

Double Leaf Gate Configuration

Wind resistance and poor reliability are a thing of the past with our Power-Arm range, setting new standards in the automated swing gate industry.

Whilst the gate is travelling in both directions the power arm continuously monitors the swinging leaf. Should it come into contact with an object, it will reverse or stop. This facility is an addition to normal safety devices, and allows our gates to comply with the latest European Safety requirements.

By moving the drive cabinet away from the hanging post of the gates, allows our swing gate to operate in exceptional weather conditions.

Every swing gate system is carefully inspected, both mechanically and electrically to provide the quality expected.

Paramount use **computer aided design** to assure the most precise fit of their gate operators and system range.

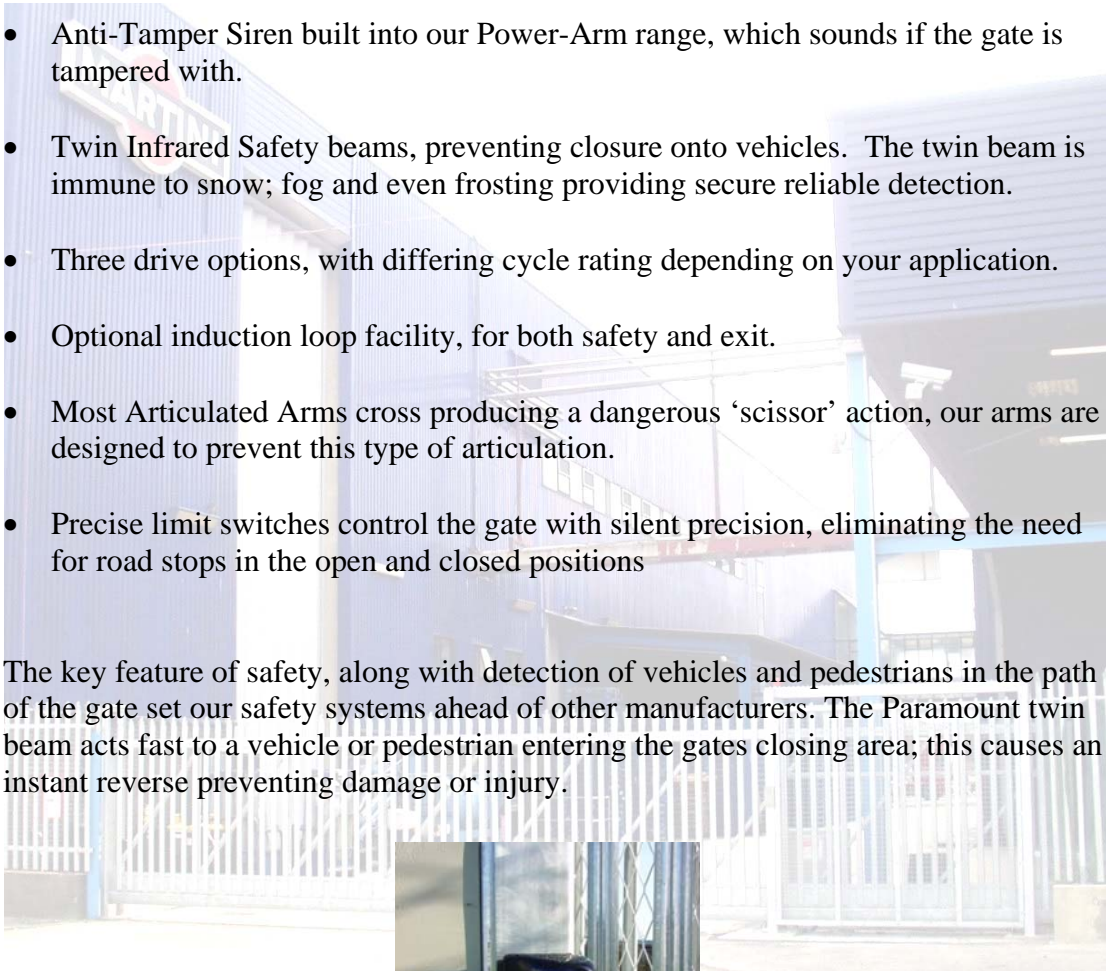
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System Features-

- Travelling time of 13-15 seconds, to open to full 90 degree position.
- Completely non-hydraulic, no oil to top up, seals to blow or leaking pipes.
- Power fail, release handle as standard
- Interface with an intruder alarm, our control system provides outputs to indicate the gate has been forced open and distinguishes between being open legitimately.
- Anti-Tamper Siren built into our Power-Arm range, which sounds if the gate is tampered with.
- Twin Infrared Safety beams, preventing closure onto vehicles. The twin beam is immune to snow; fog and even frosting providing secure reliable detection.
- Three drive options, with differing cycle rating depending on your application.
- Optional induction loop facility, for both safety and exit.
- Most Articulated Arms cross producing a dangerous 'scissor' action, our arms are designed to prevent this type of articulation.
- Precise limit switches control the gate with silent precision, eliminating the need for road stops in the open and closed positions

The key feature of safety, along with detection of vehicles and pedestrians in the path of the gate set our safety systems ahead of other manufacturers. The Paramount twin beam acts fast to a vehicle or pedestrian entering the gates closing area; this causes an instant reverse preventing damage or injury.



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Data Sheet SW1

A major cause for system failures in the UK has been due to one cause; Lightening and power surges. Paramount Power-Arm swing gates are equipped with a Lightening and Power surge Arrestor **as standard**

This not only protects the mains power supply, but all of the control and signal cables are also protected within the system.



INFILL OPTIONS

Tubular Steel, Box Steel Section, Vertical Bar, Palisade and most mesh systems can be accommodated.

GENERAL OPTIONS

Power back up inverter, a popular choice on Fire Stations, Police Stations, and any location where access is essential. The inverter operates within our drive system, and can provide seamless operation should the mains power fail allowing the gate to operate up to 10 times of normal operation. Alternatively the system can be configured to open the gate immediately upon a power failure and hold it open until the mains are restored.

Anti-Tail gate facility, using induction loops in the road surface the Anti-Tail gate facility makes it harder for vehicles to Tailgate into a secure area.

