



DYNOFORCE
Protecting Assets

DF-NC-SWG

AUTOMATIC SWING GATE

PRODUCT OVERVIEW

Dynoforce DF-NC-SWG Swing Gate is a robust access control solution designed for secure and efficient vehicular movement across a wide range of applications. The system is hydraulically operated, with each gate leaf driven by heavy-duty hydraulic actuators to ensure smooth, controlled, and reliable opening and closing. Engineered for continuous operation and high-load conditions, the hydraulic system delivers consistent performance even in demanding environments. In the event of a power failure or emergency, the gate can be operated manually using an integrated manual pump or bypass valve, ensuring uninterrupted access and enhanced operational safety. Designed for seamless integration with access control and security systems, the automatic swing gate combines durability, safety, and flexibility, making it suitable for both high-traffic and high-security installations.



APPLICATIONS

- ★ Data centers and mission-critical facilities
- ★ Government and defense installations
- ★ Military bases and strategic facilities
- ★ Airports and aviation infrastructure
- ★ Nuclear, power, and energy infrastructure
- ★ Embassies and diplomatic premises
- ★ Research facilities and laboratories
- ★ Oil & gas facilities and refineries
- ★ Ports, harbours and logistics hubs
- ★ High-security commercial and industrial campuses

KEY TECHNICAL PARAMETERS

PARAMETER	SPECIFICATION
Product Name	DF-NC-SWG
Height	2500mm to 3000mm
Foundation Depth Width	300mm to 500mm (Surface Mount Option also available)
Clear Opening	6000mm to 8000mm
Construction	Manufactured from high strength steel sections Infill: typically, anti-climb mesh; options include alternative bar configurations, and vertical SHS Options for additional toppings are available, for an added layer of security.
Drive	Operational usage: 100% duty cycle Hydraulic drive: Hydraulic motor Hydraulic pack: Mounted on gate posts. Includes hand pump or bypass valves for manual operation.
Control	In-house manufactured enhanced drive unit PLC-based control system Electrical controls housed in separate IP rated enclosure
Finishes Available	Cold Galvanized with customized painted finish.
Safety	All gate systems include photo beam between posts; additional beams can be added for extra protection to stop gate on obstruction Vehicle detection loop systems recommended for all installations
Optional Extras	Battery Back Up Remote Fault Logging Multiple Access Control Options Safety edge system