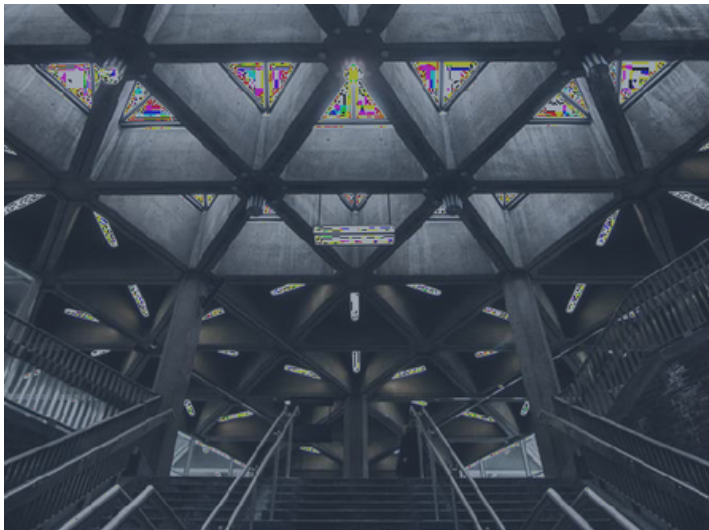


DYNOFORCE PROFILE

DynoForce design, supply and install the widest range of flood protection solutions, Parking Solutions & HVM products in the world, together with the full spectrum of associated professional services.

Our technical specialists and engineers product, custom-designed Products, including flood barriers, flood gates, flood doors, Security Planter Box, Dock Leveler, Vehicle Restraint System, Crash Rated gates and Crash rated bollards. Our wide solutions are installed throughout the world.

DynoForce operates globally, the International Head Office is in India, with a principal subsidiary in India. With global partners and distributors, DynoForce provides solutions virtually anywhere in the world.



DYNOFORCE

DF-SG-NCSG

Website: www.dynoforce.in
Email: info@dynoforce.in

PRODUCT RANGE:

- Manual / Automatic Flood
- Gates. Parking Systems. HVM
- Crash Rated Product Manual/
- Automatic Gates. Dock
- Leveler. Vehicle Restraint
- System.

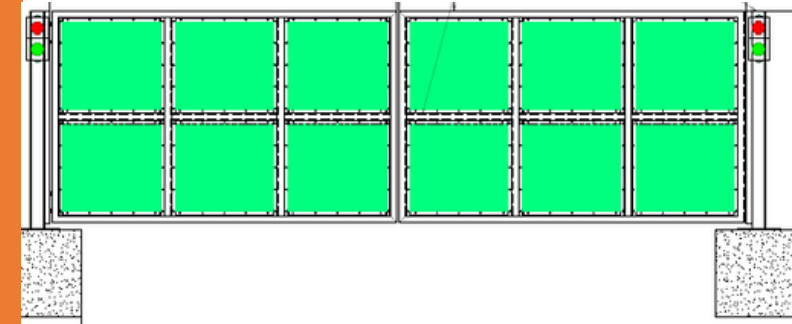
SWING GATE:

DF-SG-NCSG

This hydraulic-operated swing gate provides smooth, fast, and reliable access control for both residential and commercial properties. Designed for seamless integration into existing security systems, this gate is suitable for environments where traffic management and security are critical. The gate is equipped with advanced hydraulic and electrical components to ensure swift and efficient operation.

Key Features

- **Hydraulic and Electrical Operation:** Operates using a hydraulic arm and electrical systems to ensure smooth and precise movement.
- **Rapid Opening and Closing:** The gate opens and closes in 8 to 10 seconds, ensuring fast access control.
- **Safety and Traffic Control Features:**
 - Mounted traffic lights on the gate column for visual signaling.
 - Integrated photo eye sensor for obstacle detection.
 - Ground loop system to detect vehicles and prevent accidental closures.
 - Flashing light and sounder on top of the gate column to alert users during operation.
- **Low Maintenance:** Designed for minimal upkeep, the gate's durable components ensure long-lasting, reliable performance.
- **Manual Operation:** In the event of power failure, the gate can be operated manually to ensure continued functionality.



Uses

High-Security Areas:

- Ideal for securing entrances to military bases, government buildings, and other sensitive installations.

Traffic Management:

- Controls vehicle access efficiently in high-security zones, ensuring controlled entry and exit.

Impact Protection:

- Acts as a deterrent and physical barrier to unauthorized vehicles attempting entry.

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Installation

- Foundation Requirements: Requires a concrete foundation for secure installation and durability.
- Electrical Setup: Connection to power for hydraulic and electrical systems. Requires groundwork preparation for proper cabling and access control integration.
- Mounting Configuration: Can be mounted as part of an integrated security solution, including traffic management systems and sensors.

Technical Specifications

Gate Dimensions:

- Clear Opening: 8000 mm
- Height: 2500 mm
- Gate Frame: SHS 80x80x5mm thick steel
- Gate Columns: SHS 160x160x9mm thick steel

Operating Speed:

- Opening/Closing Time: 8-10 seconds

Power Requirements:

- Hydraulic System: Requires standard electrical connections (specific voltage requirements may vary based on site)

Safety Systems:

- Photo Eye Sensor
- Ground Loop Detection

Signal Systems:

- Traffic Lights: Mounted on the gate column
- Flashing Light and Sounder: Positioned on top of the gate column

Control Options:

- Automated via access control system
- Manual override in case of power failure



Dimensions

- If dimensions are critical, please contact sales to confirm.

Safety & Performance

- Equipped with motion sensors and ground loop, to prevent accidents with humans and vehicles. The system ensures high reliability in operation, with emergency retraction and deployment mechanisms for critical situations.
- Integrated with accumulators to ensure continuous operation during power outages, allowing for several operational cycles.
- Designed to withstand harsh weather conditions with galvanization and optional RAL powder coating to prevent corrosion and wear.
- Available in various RAL colors to suit aesthetic or branding requirements.
- Galvanized and powder-coated to withstand harsh weather conditions and prevent rusting or wear over time.
- Requires minimal maintenance due to its robust design and corrosion-resistant features.