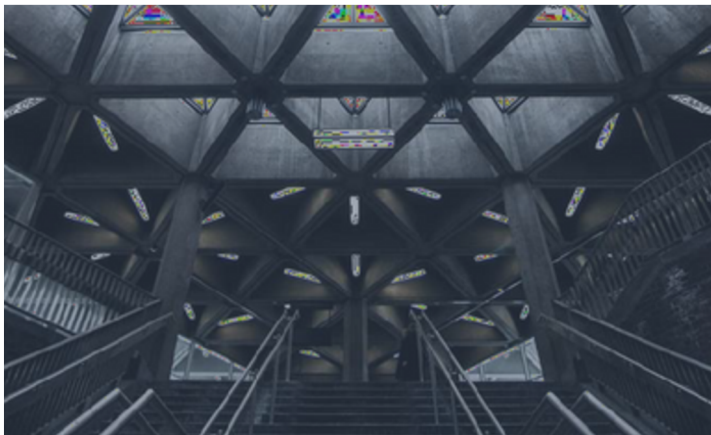


DYNOFORCE PROFILE

Dynoforce designs, supplies, and installs one of the most comprehensive ranges of Parking Management and Hostile Vehicle Mitigation (HVM) solutions globally, supported by a full suite of specialized professional services.

Our team of engineers and technical experts deliver custom-designed security solutions, including crash-rated bollards, automatic and manual crash-rated gates, non-crash-rated perimeter systems, and pedestrian access control systems. Dynoforce products are trusted and installed across high-security sites around the world.

Headquartered in India with a strong domestic presence and supported by global partners and distributors, Dynoforce serves clients across international markets with end-to-end security solutions built to global standards.



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

PRODUCT RANGE:

- Crash Rated Bollard - Fixed
- Crash Rated Bollard - Automatic/Retractable
- Non Crash Rated Bollards
- Parking Bollards
- Crash Rated Automatic/Manual gates
- Non crash Rated Automatic/Manual gates
- Pedestrian Gates
- Automatic/Manual Boom Barrier
- Crash Rated Wall

Crash Rated Sliding Gate

DF-CRSLG-80-P1

Description

The DF-CRSLG-80-P1 is a high-security crash-rated sliding gate, engineered and tested to meet stringent perimeter protection requirements. Certified by ARAI to ISO IWA 14-1 M50-P1, it effectively stops a 7.2-ton truck traveling at 80 km/h (50 mph) with minimal penetration, ensuring elite protection for sensitive and high-risk installations.

Installation

For advice about installation of this product please contact our Sales/head office.



TECHNICAL SPECIFICATIONS:

- Gate Type: Sliding
- Crash Rating: IWA 14-1 M50-P1 (ARAI tested)
- Test Speed: 80 km/h (50 mph)
- Vehicle Mass: 7.2-ton (15,873 lbs.)
- Penetration Rating: ≤ 1 meter (P1 level)
- Open/Close Cycle: $\sim 10\text{--}15$ seconds per cycle (approximate)
- Construction: Heavy-duty steel frame with integrated crash beam
- Operation: Manual or hydraulically motorized operation, with remote-control functionality for seamless user convenience and secure access management.
- Finish: Hot-dip galvanized + Powder coated (RAL as standard and customizable)
- Drive Mechanism: Rack & pinion
- Control System: Compatible with PLC/automation integration
- Power Backup: Optional battery & UPS for critical infrastructure
- Safety Features:
 - Safety photocells & loop detectors
 - Manual override in case of power failure
 - Emergency stop button
 - Beacon and traffic lights



DF-CRSLG-80-P1

Safety

- Photocells, Safety Edge System Additional
- safety devices such as vehicle detection road
- loops and laser scanners may be required.

IDEAL APPLICATIONS:

- Critical infrastructure (Airports, Embassies, Data Centers)
- Military bases and government facilities
- Oil & Gas, Power Plants, Ports
- High-security commercial and industrial sites

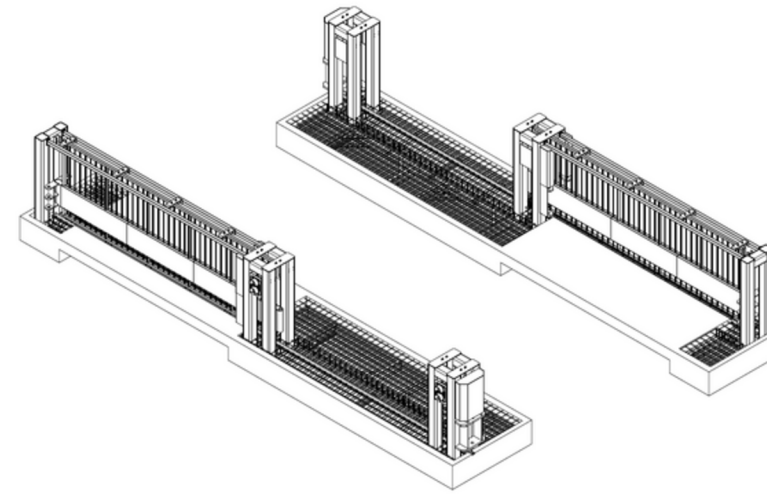
Dimensions

- Max Width: Up to 8000 mm
- Height Range: 3000 mm
- Infill: Standard vertical bars

If dimensions are critical, please contact sales to confirm.

Key Features

- Tested and certified by ARAI to to ISO IWA 14-1 M50-P1
- Motorized or manual operation
- Customizable finishes and infill designs
- Integrated safety and access control features
- Durable for outdoor environments with IP66-rated panels



Construction

The gate structure is built from heavy-duty mild steel sections with an integrated crash-rated beam and proprietary sliding track system. Infill options include vertical bar (standard), mesh, or palisade panels depending on client requirements.

