



DYNOFORCE
Protecting Assets

DF-SMRB-80-P1

K12 CRASH RATED ROAD BLOCKER

PRODUCT OVERVIEW

Dynoforce K12 crash-rated road blocker is a high-security vehicle access solution designed to deliver maximum protection against hostile vehicle threats. The system is physically tested and certified at HORIBA MIRA, UK in accordance with ISO 22343: 2023 and IWA 14-1 standards. During physical crash testing, the blocker successfully stopped a 7.2-tonne vehicle at 80 km/h, achieving a K12 rating with P1 penetration, representing the highest level of impact resistance under international standards. Constructed from robust structural steel and powered by a heavy-duty hydraulic drive system, the road blocker ensures fast response, reliable operation, and long-term durability. Its proven crash performance and advanced hydraulic technology make it ideal for high-risk and critical infrastructure applications, even under extreme impact conditions.



Scan for
Test Video

APPLICATIONS

- ★ Data Centres & Critical Infrastructure
- ★ Military Zones & Defence Bases
- ★ Government Installations & Embassies
- ★ Airports, Ports & High-Security Facilities
- ★ Financial Districts & Corporate Hqs
- ★ High-Value Commercial & Corporate Campuses
- ★ Nuclear Power Plants & Strategic Utilities

KEY TECHNICAL PARAMETERS



PARAMETER	SPECIFICATION
Product Name	DF-SMRB-80-P1
Road Blocker Widths	2500mm to 4000mm
Height Above Ground	1050mm when fully deployed
Foundation Depth	390 mm
Crash Rating	K12 (7.2T @ 80 km/h)
Test Standard	<ul style="list-style-type: none">• ISO 22343-1:2023 V/7200[N2A]/80/90:0.6/25.8• IWA 14-1:2013 V/7200[N2A]/80/90:0.6
Finishes Available	All components are galvanised as standard and then painted yellow and black with an option to fit red LED lights if required.
Control Systems	Hydraulically operated with an optional EFO and battery backup function. Controlled via a PLC which can be tailored to suit the number of inputs and outputs required.