



# Portable Crash Barrier

Quick deployable solutions to secure roadways, provide positive control of authorized traffic and protect pedestrians.

- Built to be a system that could be rapidly deployed and operated as a regular security gate or barrier system.
- Once positioned, the mobile barricade is separated from its transporter and lowered into position by means of a Battery-Operated Hydraulic Power System. The system is then used to raise or lower the barrier for normal or emergency tasks.
- The barrier controls can be located on the barrier, at a fixed secure post, or from a hand-held push button controller.
- Within 15 minutes of being sited, the mobile crash barrier lowers itself into position with built-in hydraulic jacks. There is no handcranking. Wheels are stored at the sides completing the deployment. To move the barrier, the procedures are simply reversed.
- Barrier operation and deployment and retrieval are pushbutton controlled.
- The standard system includes a battery-operated power unit, replenished from either a solar array or multiple local low voltage sources.
- Option of Hydraulic Power Unit operated on a locally supplied power or full manual system, or combination.
- Unit can be sized to provide pass-through rates suitable for most inspection and identification station requirements.
- Barricade operates at rates between 10–15 seconds for a full up-down cycle. Sustained rates of 40 cycles per hour can be maintained indefinitely, depending on the available recharging methods employed.





**MP5000** – A mobile, crash barrier can be towed into position by a medium-sized pick-up truck or equivalent and deploy in 15 minutes to stop & disable a 15,000 lb (66.7 kN) G.V.W. vehicle moving at 40 mph (64 kph).

## MP5000 Summary Features

- Portable system:
  - Fully highway rated transporter system.
  - G.V.W. less than 14,000 lbs.
  - Doesn't require Class 'A' Driver's license.
- Operated locally or remotely so guards not exposed to hostile attack.
- Crash tested & certified, U.S. Department of State.
- All hydraulic operation.
- Deployment, retrieval & operation—manually deployable in total power outage
- Vehicle Identification Number: National Transportation Safety Board VIN 1D9BU20233C503
- Battery can be supplemented with:
  - Any 12V auto battery with standard internal connections.
  - Solar array.
  - Battery booster packs, charged elsewhere, have built-in battery charger, indicator of status and plug directly into HPU.
  - Will run the barrier 50 cycles on a single charge.
  - Internal Battery Charger—standard.
  - Special jumper cable.
  - Recharge from power outlet on auto or truck cigarette lighter plug.
  - 12VDC external source, such as engine generator.
- Designed to adapt to many road conditions without screw jacks or shims.
- Quiet Operation.
- Galvanized, if desired.
- Attractive appearance.

Model	Length	Ratings
MP5000	20 feet (16.10m)	ASTM M40 (DOS K8 equivalent)
MP5000	16 feet (4.88m)	ASTM M30/P3-ASTM M40 (DOS K4/K8 equivalent)
MP5000	12 feet (3.66m)	DOS K4/L1



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Concentric Security, LLC  
[www.VehicleMitigation.com](http://www.VehicleMitigation.com)

[sales@concentricsecurity.com](mailto:sales@concentricsecurity.com)  
334.273.8558