

BARRIERGATE[®] SYSTEM

CONTROLS ACCESS THROUGH BARRIER OPENINGS



OVERVIEW

The BarrierGate is a crashworthy, automated gate for barrier openings that allows you to restrict unauthorized access, eliminate dangerous barrier ends, and save lives. This system provides benefits to all who use the roadway system:

- ▶ Prevents illegal U-turns that cause serious accidents
- ▶ Provides convenient access to authorized personnel
- ▶ Improves emergency response times
- ▶ Increases maintenance productivity
- ▶ Ideal for rerouting traffic

MEETS NCHRP 350, TEST LEVEL 3

When closed, the BarrierGate forms a positive, longitudinal barrier that meets NCHRP 350, Test Level 3. This crashworthy gate protects errant motorists in many ways:

- ▶ Prevents penetration of 820 kg to 2000 kg (1800 - 4500 lb) vehicles at speeds up to 100 km/h (62 mph) and angles up to 25°.
- ▶ Side panel/skirt design prevents vaulting and underriding.
- ▶ Transition panels prevent snagging.

FEATURES AND BENEFITS

- ▶ Available in both manually or electrically-powered models.
- ▶ Both models include a jack and hand crank for manual opening in less than ten minutes.
- ▶ Electrically-powered model includes control system for powered opening in one minute.
- ▶ Two security-coded keypads, located at each end of the powered gate, allow authorized personnel to gain access from either direction.
- ▶ Generous opening size of 12.8m (42 ft).

Ideal For A Variety Of Applications

Median cross-overs
HOV lanes
Reversible lanes
Anywhere a barrier opening is needed.



SAVING LIVES BY DESIGN



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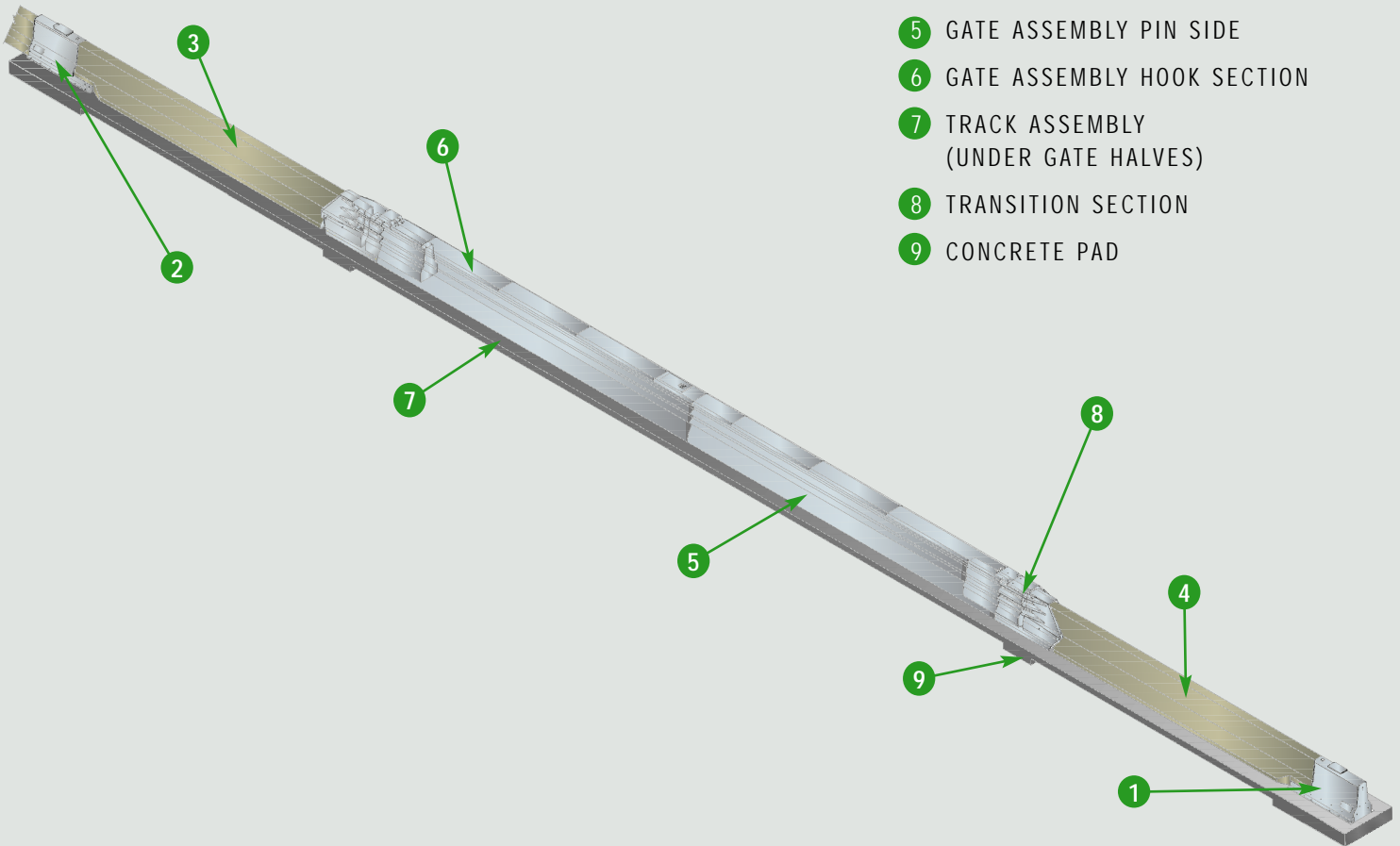
OPTIONAL ACCESSORIES

- ▶ Generator Power Input to operate gate from a customer-supplied generator.
- ▶ Flashing Strobe and Warning Horn for use where audible and/or visual feedback of gate operation is necessary.
- ▶ Infrared Electric Eye to reverse gate closure when blocking is detected.
- ▶ Automatic Timed Closure for when automatic gate closure is desired. Comes with an electric eye.
- ▶ One-Button Radio Remote Control. Nominal range approximately 800m (1/2 mile). Comes with automatic timed closure.
- ▶ Hard-Wired Remote Control. Comes with automatic timed closure.
- ▶ 480 Volt AC Transformer for sites with 480VAC single phase power..

SPECIFICATIONS

Gate Opening	12.8m	(42 ft)
Required CMB Opening	36.6m	(120 ft)
Width at Bottom	760mm	(30 in)
Height (at highest point)	1.1m	(43 in)
Approximate Weight (Including Custom CMB Sections)	17 300 kg	(38,000 lbs)

- 1 STEEL BULKHEAD ENCLOSURE
- 2 TRANSITIONING TO EXISTING CMB AT BOTH ENDS
- 3 WALL ASSEMBLY (PULLEY SIDE)
- 4 WALL ASSEMBLY (CAPSTAN SIDE)
- 5 GATE ASSEMBLY PIN SIDE
- 6 GATE ASSEMBLY HOOK SECTION
- 7 TRACK ASSEMBLY (UNDER GATE HALVES)
- 8 TRANSITION SECTION
- 9 CONCRETE PAD



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General specifications for the BarrierGate System are subject to change without notice to reflect improvements and upgrades. Additional information is available in the Product Manual for this system. Contact Energy Absorption Systems for details.