

COMBINE A TRADITIONAL TRAFFIC CONTROL GATE WITH THE SECURITY OF A CRASH RATED BARRIER.

- ▶ The unique, fully-vertical position (90° up) allows for unobstructed use of the roadway, safe positioning of the arm, and minimal setback from the roadway opening.
- ▶ Includes a positive locking device for securing the arm in the down position. The DAG's passive safety latching mechanism engages on vehicle impact.

DROP ARM GATE



STANDARD MOUNT DROP ARM GATE



CONCRETE MOUNT DROP ARM GATE

A standard foundation **Drop Arm Gate** (DAG) can be installed across existing roadways with minimal excavation; primary excavation is outside the roadway opening, easily avoiding underground utilities and other obstructions.

The concrete barrier mounted DAG allows for installation with no excavation required. This option offers a modular solution that deploys easily with forklift or crane capabilities.

The DAG is available in manual and operated models. The operated DAG is entirely electro-mechanical, making it ideal for sites where hydraulic fluids are prohibited. Counterweights can be adjusted in manual operation to require minimal force for raising and lowering.

Consider a
DROP ARM GATE
with additional security of a crash rated barrier.

FEATURES

- Crash engineered for M30, M40, M50, and 15,000 lbs at 50 mph
- All steel construction
- Electro-mechanical or manual operation
- Roadway openings up to 24 feet
- 38" beam height
- 10 second operating speed from full 90° vertical position to horizontal
- Double-sided protection
- Compact footprint (extended lateral clearances not required)
- Multiple foundation/mounting configurations to fit any installation site
- Powder Coat finish standard; other finishes available

DROP ARM GATE

TECHNICAL DATA

VARIATION	STANDARD FOUNDATION	CONCRETE BARRIER MOUNT
Crash Engineered Rating	K4, K8, K12 M30, M40, M50 15,000 LBS @ 50MPH	K4, K8, K12 M30, M40, M50 15,000 LBS @ 50MPH
Clear Opening	Min: 12 ft Max: 24 ft	Min: 12 ft Max: 24 ft
Deployment Height	38" (top of beam)	38" (top of beam)
Post Height	57"	57"
Foundation Depth	60" (Standard)	n/a
Foundation Size (ea. End Post)	36" x 48" (rectangle)	60" x 168" (5' x 14' rectangle)
Concrete Type	5,000 psi	5,000 psi
Operations Options	Electro-mechanical Manual	Electro-mechanical Manual
Operating Speed	10 seconds	10 seconds
Duty Cycle	120 cycles/hour	120 cycles/hour
Weight	7,500 lbs	7,500 lbs
Power Requirements	Single Phase: 240 V 3-Phase: 230/460 V	Single Phase: 240 V 3-Phase: 230/460 V
Operating Temperature	-10 $\frac{1}{2}$ to 150 $\frac{1}{2}$ F	-10 $\frac{1}{2}$ to 150 $\frac{1}{2}$ F
Reflective Tape	Optional	n/a



ACCESSORIES Electro-Mechanical Units Only

IDEAL INSTALLATION

- Compact Footprints with Clearance Constraints *where vertical clearance is available but lateral, forward and rear clearances are limited.*
- Footprints with Underground Obstructions *minimal excavation of roadway; foundation excavation outside of roadway*
- Busy Vehicle Entrances or Sally-Ports with Medium to High Traffic Volume *up to 120 duty cycles per hour; low noise thresholds*

ACCESSORY	STANDARD	OPTIONAL
Photoelectric Sensors	✓	
Loop Detectors		✓
Speed Detectors		✓
Closed Position Sensors		✓
Warning Horn	✓	
Flashing Light	✓	
Traffic Lights		✓
LED Lights		✓
Voice Alarm		✓
Cooling Fans		✓
Key Lockable 3 Button Control Panel	✓	
Magnetic Lock	✓	
Digital Keypad		✓
Card Reader		✓
Handheld Remotes		✓
Intercom		✓