

ARCHER 1200 BARRIER

Advanced Security Through Innovation

The Archer 1200 delivers next-generation mobile vehicle barrier technology, combining superior protection with unmatched deployment flexibility. This SAFETY Act Certified system provides comprehensive security while maintaining critical access for authorized vehicles and pedestrians.

Versatile Security Solutions

- Individual barrier deployment for perimeter security
- Modular design enables Archer Rapid Gate creation
- Flexible configurations for any security requirement
- Complete access control capability

Core Advantages

- Single-operator deployment in under 10 minutes
- No power or infrastructure requirements
- Zero maintenance design
- Lifetime warranty
- Made in USA
- SAFETY Act Certified



ARCHER 1200 BARRIER

Dimensions and Specifications



Dimensions Base Configuration

- Base Length: 48 inches
- Base Width: 24 inches
- Height: 36 inches
- Height with wayfinding frame: 57 inches
- Operational footprint: 24 sq ft.
- Weight: 665 lbs.

Configuration Options

- Single barrier deployment
- Multi-barrier arrays
- Customizable perimeter layouts
- Emergency access points

Construction

- Material: ASTM A36 Steel/AR 500 Ballistic Grade
- Finish: TGIC Powder Coat (AAMA 2604.98 compliant)
- Ballistic Rating: Armor-piercing 50 caliber protection

ARCHER 1200 BARRIER

Powder coat Specifications

Finish Protection Thermosetting Super-polyester TGIC coating surpasses AAMA 2604.98 standards for interior and exterior use.

Technical Specifications

- Film: 2.0-3.0+ mil
- Gloss: 80+ (60° angle)
- Hardness: H-2H
- Flexibility: 1/8 inch
- Adhesion: 5B (100%)
- Impact: 120 in-lbs
- Salt Spray: 1000 Hrs
- Specific Gravity: 1.58 ±.05



Process

- Electrostatic application
- 60-100 KV range
- Multi-stage curing
- Quality inspection
- Environmental compliance

ARCHER 1200 BARRIER

Color and Customization

Complete Customization

- Single-operator deployment in under 10 minutes
- Custom RAL colors
- Reflective tape
- Corporate branding
- Custom decals

Branding Options

- Logo integration
- Color matching
- Custom messaging
- Event branding
- Temporary overlays



ARCHER 1200 BARRIER

MUTCD Reflectivity

Enhanced Visibility All Meridian products incorporate MUTCD-compliant premium reflective elements for maximum visibility.



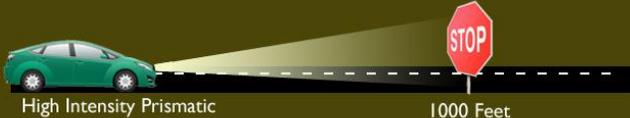
Diamond Grade Features

- Highest retroreflective grade
- Maximum night visibility
- All-weather performance
- Extended durability
- MUTCD certified

3 common grade categories for safety products...

		
Engineering Grade	High Intensity Prismatic	Diamond Grade

Night Time Visibility

	500 Feet
	1000 Feet
	1500 Feet

ARCHER 1200 BARRIER

Ballistic Capabilities

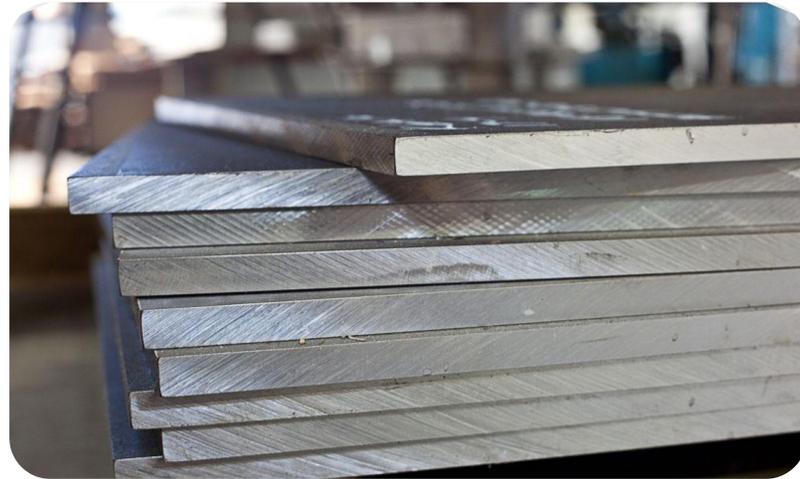
Protection Standards Each Archer 1200 Barrier features ballistic-grade steel construction for enhanced security.

AR 500 Steel Specifications

- High-strength alloy
- Quenched and tempered
- Superior penetration resistance
- Optimized durability

Properties

- Yield: 202 Ksi
- Tensile UTS (68°F): 230 Ksi
- Elongation: 10%
- Charpy -40°C: 25ft/lbs
- Hardness: 490-534 HB



Material Composition C: 0.30% | Si: 0.70% | Mn: 1.60% P: 0.020% | S: 0.010% | Cr: 1.50% Ni: 1.50% | Mo: 0.60%

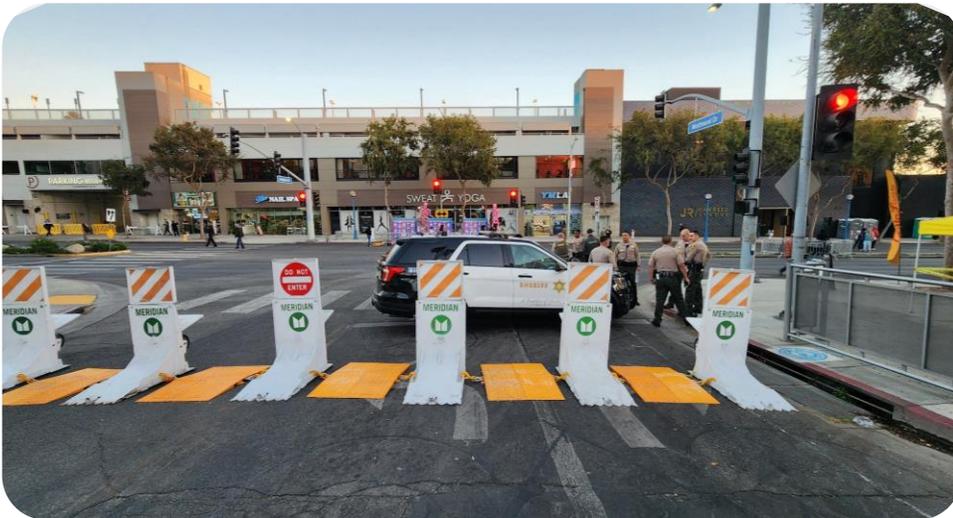
LIVE DEMO AND LIVE TRIAL



Live Demo

The Meridian team is ready to demonstrate how easy it is to move the Archer 1200 Barriers and just how easy they are to be deployed.

Meridian has a sales representative near you that is excited to setup a demo at your facility.



Live Trial

Meridian can also provide a live trial at no cost to you to that features our Safety Act Certified VSMP technology to ensure you have the best configuration for your specific needs.

Meridian deployment specialists are available to support live trials throughout the year anywhere in the United States.

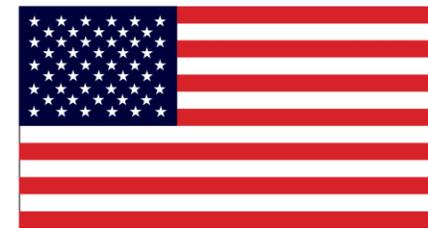
MANUFACTURING & QUALITY

Made in USA

All Meridian products are manufactured using the highest quality steel at one of our state-of-the-art facilities. Our seven manufacturing facilities are strategically located across the United States to ensure we can quickly manufacture superior quality products and deliver them in under 30 days.

Made in USA

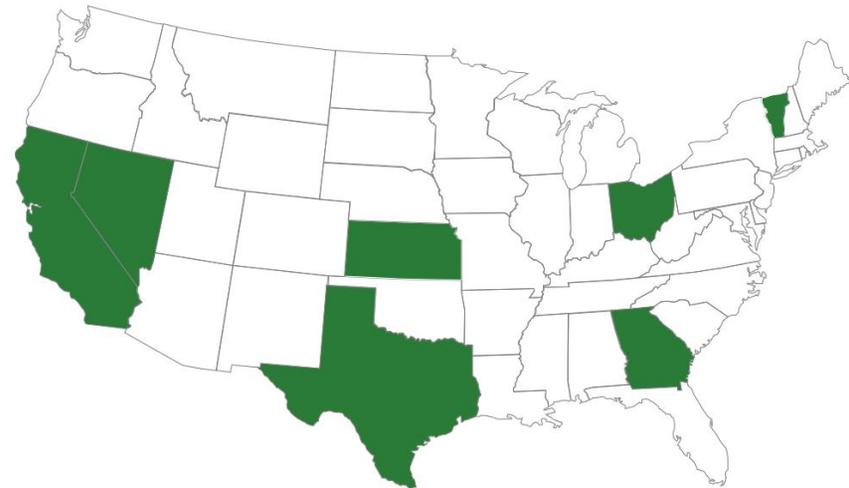
- Seven strategic manufacturing facilities
- 30-day delivery
- Premium American steel
- Rigorous quality control
- Comprehensive testing



MADE IN USA

Quality Assurance

- ASTM certified
- Independent testing
- Regular audits
- Performance metrics
- Continuous improvement



CUSTOMER FOCUSED

We Are Direct



No Distributors

Meridian manufactures all products in the United States and Meridian products can only be purchased directly from Meridian.

This is done to ensure our customers have the ability to reach us directly if they have any questions or comments after receiving their equipment.

A lifetime warranty is only good if the customer can easily reach an employee and at Meridian we provide communication in a timely manner to address any questions received.



No Affiliates

The Meridian team manages every aspect of an order from start to end.



No Wholesalers



No Retailers



VEHICLE SAFETY MITIGATION PLAN (VSMP)

Cloud-Based Security Planning the VSMP software documents and plans comprehensive event security across all Meridian deployments nationwide.

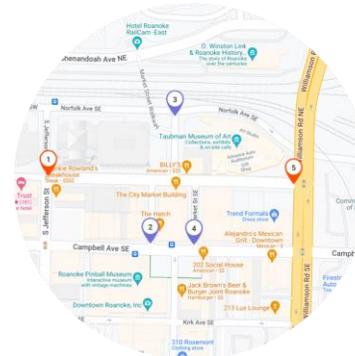
Key Features

- Crash-tested deployment configurations
- ASTM and AASHTO MASH compliance
- Real-time event tracking
- Stakeholder approval integration
- After-action reporting
- Incident documentation
- Equipment calculations
- Perimeter planning



Usage Statistics

- 1,000+ active customers nationwide
- 12,000+ documented annual events
- Two user licenses per customer
- Additional licenses available
- Secure cloud storage
- Real-time updates



SAFETY ACT CERTIFIED

The SAFETY Act provides legal and liability protections for sellers and users of qualified anti-terrorism technologies to incentivize the development and deployment of technologies that may save lives in the event of a terrorist attack. The approval is the result of independent, objective, expert evaluation of anti-terrorism products and services to determine if they have the capability and effectiveness to be effective in a terrorist attack.

Certified Technology

- Archer 1200 Barrier
- Archer Rapid Gate
- Archer Bram Gate
- Vehicle Safety Mitigation Plan
- Annual Certified Training



Safety Act Certification

- DHS validated
- Comprehensive liability protection
- Third-party verified
- Regular compliance monitoring
- Updated security protocols

SHORT AND LONG-TERM RENTAL SERVICES

Flexible Solutions Meridian provides tailored rental solutions for your security needs.

Long Term Benefits

- Competitive rates
- Complete delivery and setup
- Full breakdown service
- Latest security updates
- Ongoing support

Deployment Excellence

- 8-barrier setup in 10 minutes
- No heavy equipment needed
- Expert deployment specialists
- On-site support
- Rapid response

Service Package

- VSMP development
- Certified specialists
- Complete delivery
- Professional setup
- Technical support





ACT | Annual Certified Training

Meridian Academy Compliance Solutions



The Meridian Academy has developed an Annual Certified course that covers the essential information required to plan and execute a successful event regardless of the size and location. Meridian's Annual Certified Training is "SAFETY Act Certified" by the United States Department of Homeland Security (DHS) providing the ultimate standard in keeping people, communities, and places safer.

01

Meridian Rapid Defense Group is committed to crash testing existing and new products each year and will present the updated configurations. The goal is to ensure we provide various options to utilize your equipment in the most effective manner.

02

Industry standards and best practices changes will be added to the Annual Certified Training course to ensure you are always up to date with changes that may impact the way you coordinate events.

03

Training Modules

1. Perimeter Security Fundamentals
2. Traffic Management Analysis
3. Emergency Services Integration
4. Vehicle Safety Mitigation
5. Crash Test Standards
6. Equipment Configuration
7. Deployment Procedures
8. Roadway Management
9. After Action Documentation
10. Safety Protocols

TRANSPORT DOLLY

Protection Standards Each Archer 1200 Barrier features ballistic-grade steel construction for enhanced security.



Compatible Equipment

- Archer 1200 Barriers
- Archer Beam Gates
- Archer Rapid Gates
- Transport carts
- All configurations

Key Features

- Integrated storage
- Security locking
- Manual operation
- Single-operator design
- Quick attachment
- Universal compatibility

LIFETIME WARRANTY

Coverage Meridian Rapid Defense Group guarantees every Archer 1200 Barrier with industry-leading protection.

Details

- Lifetime structural coverage
- Manufacturing defect protection
- Welding integrity guarantee
- Material assurance
- Comprehensive support

Support

- Direct manufacturer access
- Rapid response
- Replacement parts
- Technical assistance
- Documentation support

Includes

- Core structure
- Welding joints
- Base materials
- Structural integrity
- Manufacturing quality

