

TT SERIES – Crash Rated Rising Road Barricades



The ULTIMATE barricade system for perimeter protection. A range of CRASH RATED COUNTER TERRORIST rising barricades for high security applications. Crash tested by independent testing agencies. Over 3000 Systems installed throughout the world, operating in all climatic conditions. Delta are able to design and manufacture to specific CRASH RATED requirements.

BE SECURE BEHIND A PROVEN DELTA BARRICADE SYSTEM



DELTA SCIENTIFIC CORPORATION

PROVEN TECHNOLOGY – TOTAL CONTROL

GSA CONTRACT NUMBER GS-07F-9982H

TT SERIES - Crash Rated Rising Road Barricades

BARRICADE SIZE:

TT205 24"(610mm):TT20730" (762mm)

TT207S 38" (965mm). **BARRICADE**

WEDGE LENGTH: Sized to suit application.

CRASH RATING:

The TT207S has been awarded the performance evaluation per Dept of State specification SD-SDT-0201 (April 1985J-K12/L3.0.

Level 1 = Normal operation, vehicle stopped and Barricade operational. Level 2 = High Energy attack. Vehicle stopped, Barricade sustained damage.

TT205:

L1. 15,000lbs at 63mph (66.7kn at 101 kph)

L1 .22,500lbs at 52mph (100kn at 84kph)

L2.15,000lbs at 75mph (66.7kn at 120kph)

L2.33,000lbs at SOmph (147kn at 81 kph)

TT207:

L1 .18,000lbs at 58mph (SO.0kn at 93kph)

L1 .22,500lbs at 54mph (1 OOkn at 87kph)

L2.30,000lbs at 55mph (133kn at 89kph)

L2.60,000lbs at 40mph (267kn at 64kph)

TT207S:

L1 .15,000lbs at 72mph (66.7kn at 116kph)

L1 .20,000lbs at 65mph (88.9kn at 105kph)

L2.20,000lbs at 78mph (88.9kn at 126kph)

L2.33,000lbs at 61 mph (147kn at 98kph)

STANDARD FEATURES:

Hydraulic or Pneumatic powered from remote unit, the barricade is powered up and lowered by means of hydraulic or pneumatic cylinders. This control circuit is

designed so that at all times in its cycle the barricade is prepared for an impact, there being no window of vulnerability. Multiple barricades can be powered from a single power unit. Barricades can be supplied to remain UP or to LOWER on mains power failure. Power units supplied for installation in suitable location. GRP or steel enclosures are available. The control system is designed to provide precisely controlled power to the barricades on a reliable basis with the minimum of maintenance. System design allows barricades to be separated from the power source by 50ft as standard, but line lengths up to 150ft can be provided for, with operational speeds being maintained.

POWER OFF OPERATION:

The Delta power source can provide for operation of the barricade(s) during mains failure, maintaining site security at all times. The system can be recharged using the manual hand pump for periods of extended mains failure. Power off barricade cycles designed to suit site requirements. A 24Vdc battery backed up control circuit is optional.

EMERGENCY FAST OPERATION:

The Delta barricade design incorporates an Emergency Fast Operation circuit allowing the barricade to fully raise in under 1.5 seconds. Normal operating speeds are field adjustable, normally 4 sees.

CONSTRUCTION:

Delta TT series barricades are manufactured from heavy steel welded

components complying with crash certification. Axle loading in EXCESS of 20 tons as standard. The barricade is raised, locked and lowered by means of a precision hydraulic or pneumatic cylinder. Finished in black epoxy with yellow markings to rising wedge. Other finishes available.

CONTROLS:

The control circuit provides for both MASTER and SLAVE stations, providing ultimate control.

SAFETY:

Delta recommend that rising barricade system designs incorporate safety induction road loops or other safety devices. Barricades incorporate limit switch for traffic light sequencing.

ELECTRICAL:

280/230/460 VAC - 3ph-60Hz

220/380/440 VAC - 3ph-50Hz Other voltages available

INSTALLATION:

Detailed drawings and full installation/maintenance and operation manuals are supplied with each system.

AXLE LOADINGS:

Delta barricades are capable of taking axle loadings in excess of any permitted North American or European road transport vehicles.

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ACTUAL CERTIFIED CRASH TEST OF THE TT207S, UNRETOUCHED PHOTOGRAPH

COMPLETE DESIGN, INSTALLATION AND CONSULTING SERVICES AVAILABLE WORLDWIDE.

Due to Delta's policy of continued product development, information herein is subject to change without notice. E. & O. E.



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