Crowd Barriers

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TOMCAT's modular crowd barrier systems are designed with both sides of the barrier in mind.

People are the lifeblood of the entertainment business. The more people that come to your event, the happier you are, and the more successful your event will be. But when you have a larger amount of attendees, you have an increased need for tools that help you organize, segregate, block and contain. Enter the TOMCAT modular crowd barrier system.

TOMCAT has a large array of barriers that have been designed with both you and event attendees in mind. TOMCAT knows that people on both sides of the barrier must be offered comfort, convenience, safety and security.

All of TOMCAT's crowd barriers are made from aluminum, a durable, corrosion resistant and easily recyclable material, and are designed to be foldable for ease of transportation and storage.
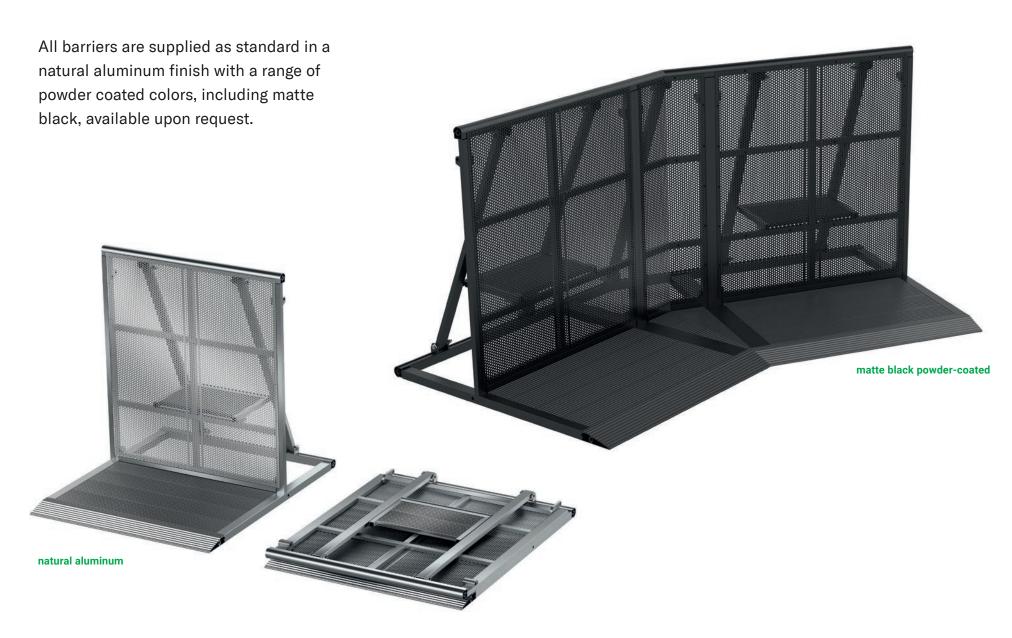
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Straight, Curved and Corner Sections

TOMCAT's wide range of straight, curved and corner barrier sections make even the most complex layouts easy to complete.

All barriers are supplied as standard in a natural aluminum finish with a range of powder coated colors, including matte black, available upon request.

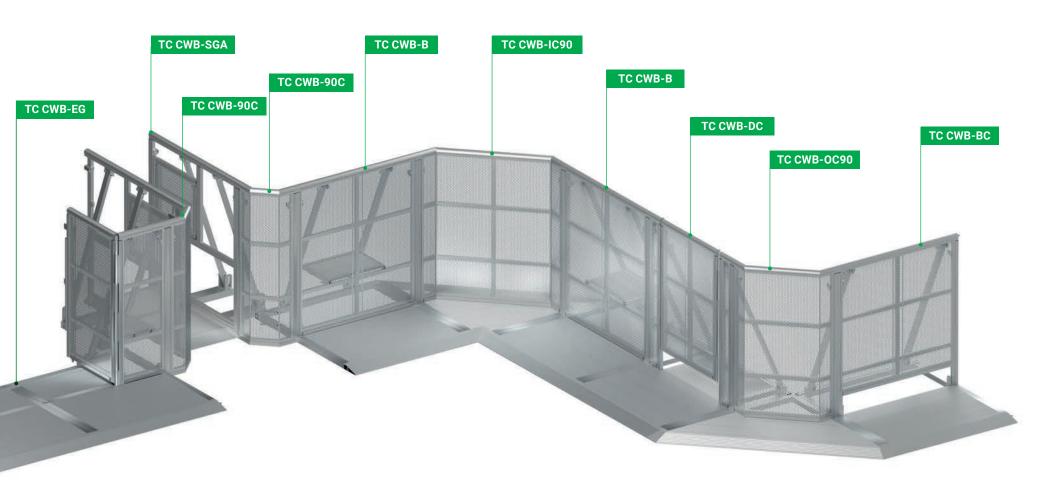**matte black powder-coated**

natural aluminum

Modularity
Ready-Made Solutions

TOMCAT's wide range of crowd barrier modules allows an almost infinite number of design and usage options.

TC CWB-DC

TC CWB-BH

TC CWB-VC

TC CWB-SC

TC CWB-B

Straight, Curved and Corner Sections

TC CWB-EG

TC CWB-SGA

TC CWB-90C

TC CWB-90C

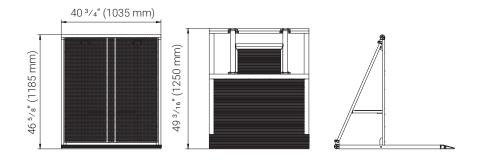TC CWB-B

TC CWB-IC90

TC CWB-B

TC CWB-DC

TC CWB-OC90

TC CWB-BC

Standard Module

The backbone of our crowd barrier system, the standard module folds flat, can be stacked on our carts for ease of transport and storage, and measures 40¾" in width.

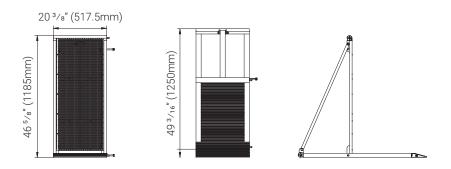40 ³⁄₄" (1035 mm)

46 ⁵⁄₈" (1185 mm)

49 ³⁄₁₆" (1250 mm)

Standard Module	
Code	TC CWB-B
Material	Aluminum alloy EN AW-6082 T6
Dimensions	40 ³⁄₄" (1035 mm) wide x 49 ³⁄₁₆" (1250 mm) deep x 46 ⁵⁄₈" (1185 mm) tall
Weight	88.7 lbs. (40.3 kg)
Connection kit	Included

Standard Half Module

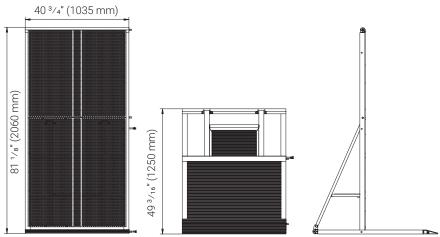A half width barrier, measuring 20 ⅜" wide, for when more accurate sizing and spacing is required.

Standard Half Module	
Code	TC CWB-BH
Material	Aluminum alloy EN AW-6082 T6
Dimensions	20 ³⁄₈" (517.5 mm) wide x 49 ³⁄₁₆" (1250 mm) deep x 46 ⁵⁄₈" (1185 mm) tall
Weight	45.8 lbs. (20.8 kg)
Connection kit	Included

Crowd Barriers, 200 Series

All our standard height barriers can also be provided at double the height, over 81" tall, for event perimeter and special applications. As with the regular height barriers they also fold flat for storage and transportation and are designed to be compatible with the regular height barriers.
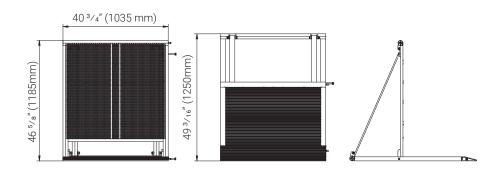

40 ³/₄" (1035 mm)

81 ¹/₈" (2060 mm)

49 ³/₁₆" (1250 mm)

Standard Module — 200 Series	
Code	TC CWB-TB
Material	Aluminum alloy EN AW-6082 T6
Dimensions	40 ³/₄" (1035 mm) wide x 49 ³/₁₆" (1250 mm) deep x 81 ¹/₈" (2060 mm) tall
Weight	114.4 lbs. (52 kg)
Connection kit	Included

Cable Access Module

The cable access module is similar to a standard barrier but includes a near 6" tall opening in the bottom of the barrier to allow cables or other items to pass through.
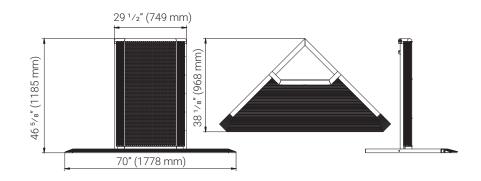
40 ³⁄₄" (1035 mm)

46 ⁵⁄₈" (1185mm)

49 ³⁄₁₆" (1250mm)

Cable Access Module	
Code	TC CWB-BC
Material	Aluminum alloy EN AW-6082 T6
Dimensions	40 ³⁄₄" (1035 mm) wide x 49 ³⁄₁₆" (1250 mm) deep x 46 ⁵⁄₈" (1185 mm) tall
Weight	108.5 lbs. (49.3 kg)
Connection kit	Included

Outside Corner 90° Module

This barrier is designed to create a 90 degree corner with the event attendees on the outside, such as at the corner of a FOH area. The upper part disconnects from the lower section and will nest for reduced storage and transportation space.

29 ¹/₂" (749 mm)

46 ⁵/₈" (1185 mm)

38 ¹/₈" (968 mm)

70" (1778 mm)

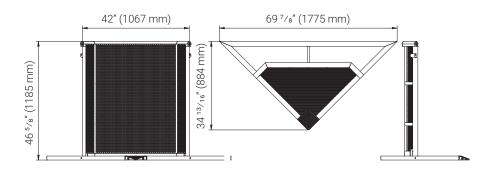| Outside Corner 90° Module	
Code	TC CWB-OC90
Material	Aluminum alloy EN AW-6082 T6
Dimensions	29 ¹/₂" (749 mm) wide (internal) or 70" (1778 mm) wide (external) x 38 ¹/₈" (968 mm) deep x 46 ⁵/₈" (1185 mm) tall
Weight	66.9 lbs. (30.4 kg)
Connection kit	Included

Inside Corner 90° Module

This barrier creates the opposite of the TC CWB-OC90, a 90° inside corner, used to create a crowd holding space.

As with the outside corner the upper part disconnects from the lower section and will nest for reduced storage and transportation space.

42" (1067 mm)

69 $^7/_8$" (1775 mm)

46 $^5/_8$" (1185 mm)

34 $^{13}/_{16}$" (884 mm)

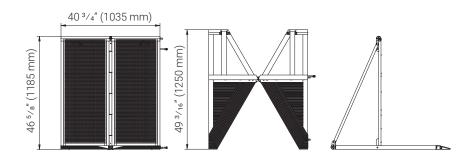| Inside Corner 90° Module	
Code	TC CWB-IC90
Material	Aluminum Alloy EN AW-6082 T6
Dimensions	42" (1067 mm) wide (internal) or 69 $^7/_8$" (1775 mm) wide (external) x 34 $^{13}/_{16}$" (884 mm) deep x 46 $^5/_8$" (1185 mm) tall
Weight	60.5 lbs. (27.5 kg)
Connection kit	Included

Adjustable Corner Module +/- 60°

This module allows the user to create a variable angle of up to 60°, either internally or externally but still maintaining the standard module width of 40 ¾" at zero degrees.

As with the standard barrier, it will also fold flat for storage and transportation.

40 ³⁄₄" (1035 mm)

46 ⁵⁄₈" (1185 mm)

49 ³⁄₁₆" (1250 mm)

Adjustable corner module 0° | +60° | -60°	
Code	TC CWB-VC
Material	Aluminum Alloy EN AW-6082 T6
Dimensions	40³⁄₄" (1035 mm) wide x 49 ³⁄₁₆" (1250 mm) deep x 46⁵⁄₈" (1185 mm) tall
Weight	105.6 lbs. (48 kg)
Connection kit	Included

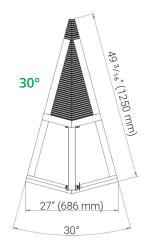# Inside Corner Modules
30° & 22.5°

These modules provide an inside corner
of either 30° or 22.5°.

30°   49 ³/₁₆" (1250 mm)

22.5°   49 ³/₁₆" (1250 mm)

27" (686 mm)

30°

21 ⁹/₁₆" (547 mm)

22.5°

TC CWB-IC30

TC CWB-IC22G5

Inside Corner 30° Module	
Code	TC CWB-IC30
Material	Aluminum Alloy EN AW-6082 T6
Dimensions	27" (686 mm) wide x 49 ³/₁₆" (1250 mm) deep x 46 ⁵/₈" (1185 mm) tall
Weight	35.2 lbs. (16 kg)
Connection kit	Included

Inside Corner 22.5° Module	
Code	TC CWB-IC22G5
Material	Aluminum Alloy EN AW-6082 T6
Dimensions	21 ⁹/₁₆" (547 mm) wide x 49 ³/₁₆" (1250 mm) deep x 46 ⁵/₈" (1185 mm) tall
Weight	33 lbs. (15 kg)
Connection kit	Included

Vario Light Module +/- 90°

This double hinged corner does not utilize a floor plate but in return provides up to 90° of angle adjustability in either direction for maximum usage flexibility.

Vario Light Module +/- 90°	
Code	TC CWB-VL
Material	Aluminum Alloy EN AW-6082 T6
Dimensions	42 $^5/_8$" (1082 mm) wide x 2" (50 mm) deep x 46 $^7/_{16}$" (1179 mm) tall
Weight	44 lbs. (20 kg)
Connection kit	Included

Vario Light with Cable Slot

Similar in design to the regular Vario Light this module includes a near 6" opening at the bottom to allow cable access.

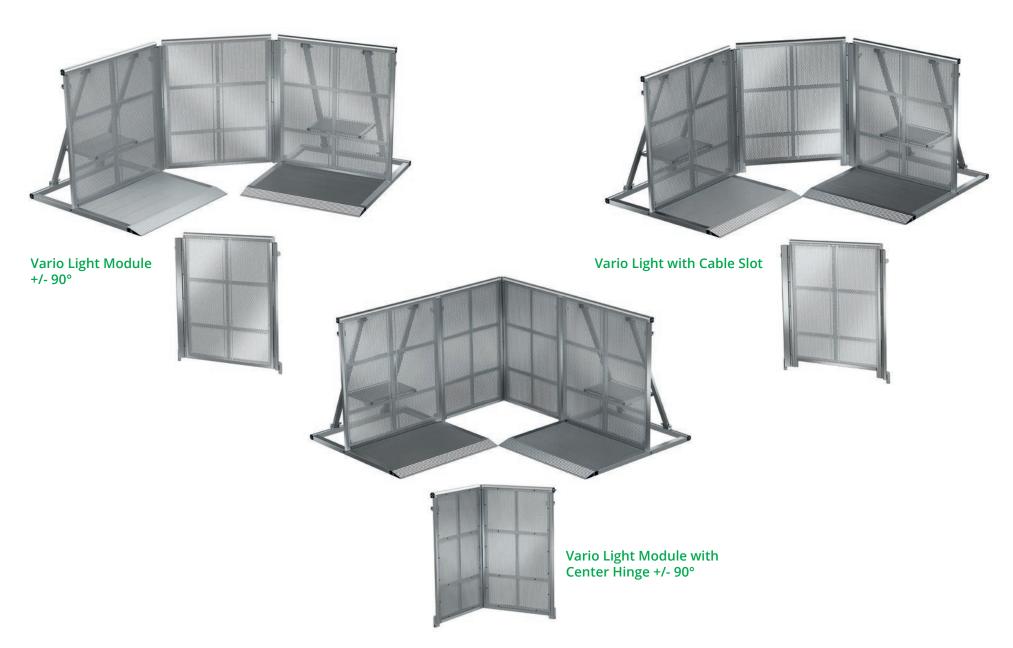| Vario Light With Cable Slot	
Code	TC CWB-VLC
Material	Aluminum Alloy EN AW-6082 T6
Dimensions	42 $^5/_8$" (1082 mm) wide x 2" (50 mm) deep x 46 $^7/_{16}$" (1179 mm) tall
Weight	42 lbs. (19.1 kg)
Connection kit	Included

Vario Light Module with Center Hinge +/- 90°

This module takes a different approach to creating up to a 90° corner and utilizes a single center hinge.

Vario Light Module with Center Hinge +/- 90°	
Code	TC CWB-VLF
Material	Aluminum Alloy EN AW-6082 T6
Dimensions	58 $^1/_2$" (1486 mm) wide x 2" (50 mm) deep x 46 $^5/_8$" (1185 mm) tall
Weight	51.5 lbs. (23.4 kg)
Connection kit	Included

Vario Light Module +/- 90°

Vario Light with Cable Slot
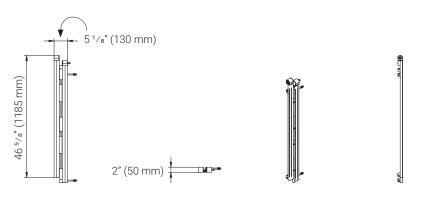
Vario Light Module with Center Hinge +/- 90°

Height Adjustable Adapter

This adaptor can be bolted between barrier modules & allows up to 3 $^{15}\!/_{16}$" of vertical height adjustment and flexibility.

5 $^1\!/_8$" (130 mm)

46 $^5\!/_8$" (1185 mm)

2" (50 mm)

Height Adjustable Adapter	
Code	TC CWB-LHA
Material	Aluminum Alloy EN AW-6082 T6
Dimensions	5 $^1\!/_8$" (130 mm) wide x 2" (50 mm) deep x 46 $^5\!/_8$" (1185 mm) tall
Weight	9.5 lbs. (4.3 kg)
Connection kit	Included

T-Corner Module

A two part module that allows a barrier to be connected perpendicular to another continuous barrier at 90°.

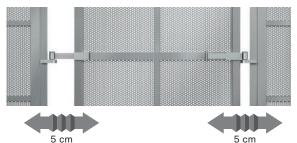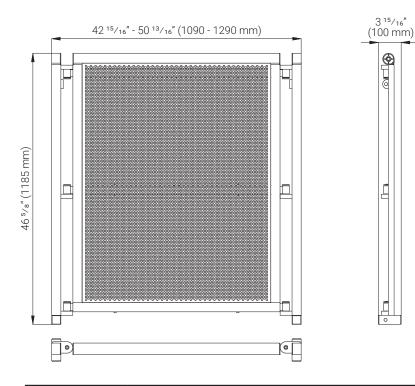| T-Corner Module	
Code	TC CWB-T90
Material	Aluminum Alloy EN AW-6082 T6
Dimensions	34 $^{1}/_{16}$" (865 mm) wide x 2" (50 mm) deep x 46 $^{5}/_{8}$" (1185 mm) tall
Weight	40 lbs. (18.2 kg)
Connection kit	Included

Adjustable Compensating Corner

This module, that does not feature a floorplate, allows the user to create up to a 90° corner, while also allowing up to 4" of width adjustment to help fill or work around unexpected obstacles.

42 $^{15}/_{16}$" - 50 $^{13}/_{16}$" (1090 - 1290 mm)

3 $^{15}/_{16}$" (100 mm)

46 $^{5}/_{8}$" (1185 mm)

5 cm

5 cm

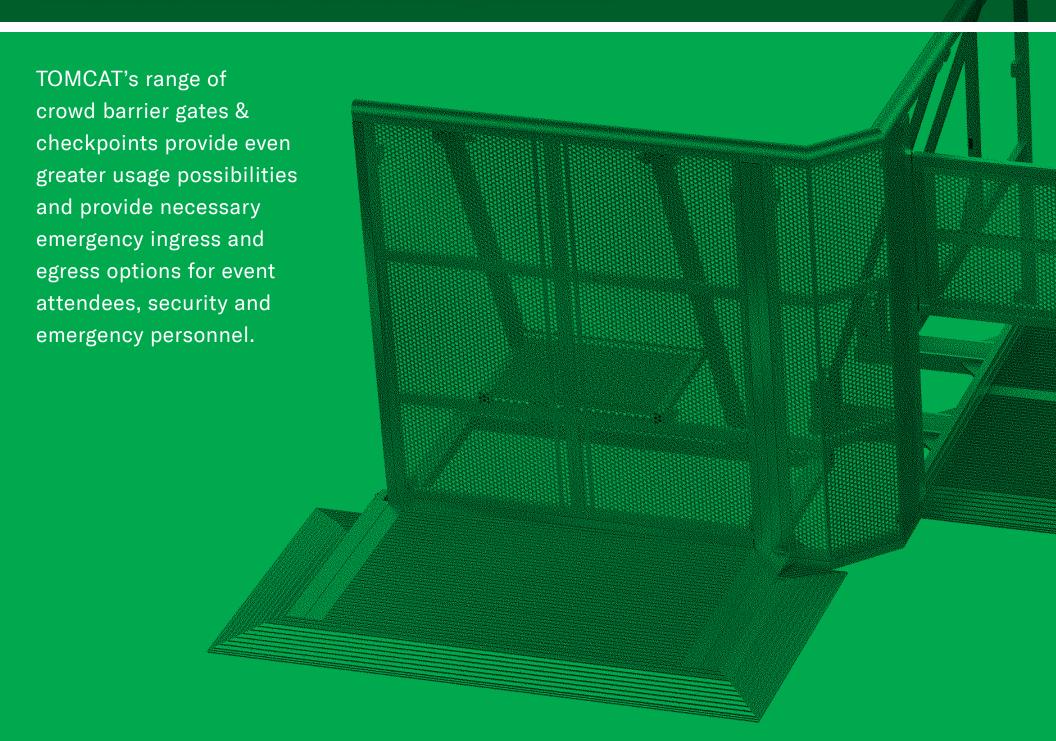| Adjustable Compensating Corner	
Code	TC CWB-VLP
Material	Aluminum Alloy EN AW-6082 T6
Dimensions	42 $^{15}/_{16}$" to 50 $^{13}/_{16}$" (1090 to 1290 mm) wide x 3 $^{15}/_{16}$" (100 mm) deep x 46 $^{5}/_{8}$" (1185 mm) tall
Weight	38.5 lbs. (17.5 kg)
Connection kit	Included

Curved Barrier

TOMCAT's curved barrier adaptors can allow the user to create a radiused barrier of any size by adding in an additional section of barrier between standard modules.

In these images we can see a 3.5° angle barrier adaptor. Please contact TOMCAT for design support for other angles and designs.
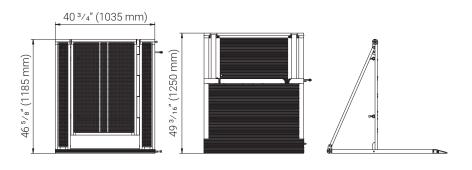
Gates and Checkpoints

TOMCAT's range of crowd barrier gates & checkpoints provide even greater usage possibilities and provide necessary emergency ingress and egress options for event attendees, security and emergency personnel.

Gate Access & Cable Slot Module

The gate access and cable slot module provides a locking gate to allow a single person to safely pass through the barrier in either direction. In addition it includes a near 6" opening at the bottom to allow cable access if needed, which when used in conjunction with the gate feature allows easy cable addition at any time without having to reconfigure the barrier.

40 ³/₄" (1035 mm)
46 ⁵/₈" (1185 mm)
49 ³/₁₆" (1250 mm)

Gate Access & Cable Slot Module	
Code	TC CWB-DC
Material	Aluminum Alloy EN AW-6082 T6
Dimensions	40 ³/₄" (1035 mm) wide x 49 ³/₁₆" (1250 mm) deep x 46 ⁵/₈" (1185 mm) tall
Weight	99 lbs. (45 kg)
Connection kit	Included

Emergency Gate Module

The emergency gate module provides a double wide, 45 ¼" opening for rapid ingress or egress and to allow emergency services easy access with a gurney, etc.
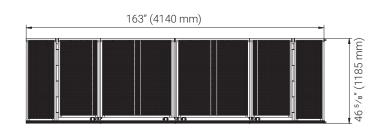

81 ¹/₂" (2070 mm)

46 ⁵/₈" (1185 mm)

49 ³/₁₆" (1250 mm)

Emergency Gate Module	
Code	TC CWB-EG
Material	Aluminum Alloy EN AW-6082 T6
Dimensions	81 ¹/₂" (2070 mm) wide x 49 ³/₁₆" (1250mm) deep x 46⁵/₈" (1185 mm) tall
Weight	222 lbs. (100.8 kg)
Connection kit	Included

Truck Gate Access Module

This module provides a 128" wide opening large enough to allow vehicles such as trucks or ambulances to pass through the barrier when required.

163" (4140 mm)

49³⁄₁₆" (1250mm)

46 ⁵⁄₈" (1185 mm)

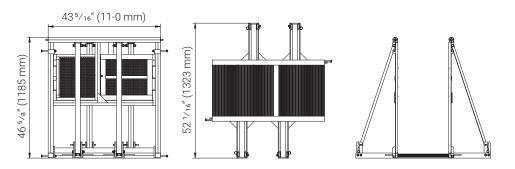| Truck Gate Access Module	
Code	TC CWB-TG
Material	Aluminum Alloy EN AW-6082 T6
Dimensions	163" (4140 mm) wide x 49³⁄₁₆" (1250mm) deep x 46 ⁵⁄₈" (1185 mm) tall
Weight	484 lbs. (220 kg)
Connection kit	Included

Single Gate Access Module

This module allows single person access through double hinged gates but still folds flat for ease of transportation and storage.

43 $^5/_{16}$" (11-0 mm)

46 $^5/_8$" (1185 mm)

52 $^1/_{16}$" (1323 mm)

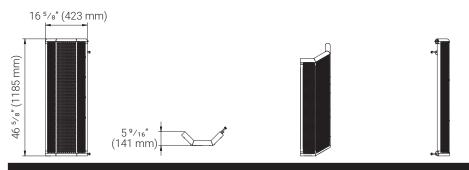| Single Gate Access Module	
Code	TC CWB-SGA
Material	Aluminum Alloy EN AW-6082 T6
Dimensions	43 $^5/_{16}$" (1100 mm) wide x 52 $^1/_{16}$" (1323 mm) deep x 46 $^5/_8$" (1185 mm) tall
Weight	126.7 lbs. (57.6 kg)
Connection kit	Included

90° Compensator

This compensator module provides a 90° corner within a small footprint in order to allow gate access module to standard barrier module connection and gate access module to gate access module connection when used in pairs.

16 $^5/_8$" (423 mm)

46 $^5/_8$" (1185 mm)

5 $^9/_{16}$" (141 mm)
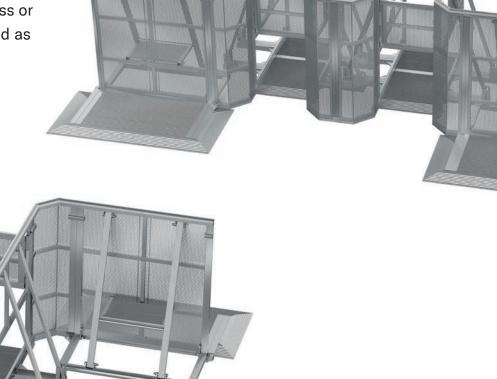
90° Compensator	
Code	TC CWB-90C
Material	Aluminum Alloy EN AW-6082 T6
Dimensions	16 $^5/_8$" (423 mm) wide x 5 $^9/_{16}$" (141 mm) deep x 46 $^5/_8$" (1185 mm) tall
Weight	17.8 lbs. (8.1 kg)
Connection kit	Included

Two Entrance Checkpoint Assembly Example

This combination of modules provides two ingress or egress points for attendees and can be replicated as needed for additional access provision.

Tunnel Checkpoint Assembly Example

This technology focused checkpoint assembly provides an example of the design possibilities available through the use of a combination of TOMCAT's standard crowd barrier modules and their respective accessories.

TC CWBT-RT
Polycarbonate Roof Module

TC CWBT-R
Front Edge Ramp

TC CWB-RL
Left Edge Ramp

TC CWBT-TB
Polycarbonate Side Module

TC CWB-RR
Right Edge Ramp

TC CWBT-BKT
Camera Bracket

TC CWB-SC
Barrier Shelf

Carts

TOMCAT's wide range of cart designs provide a number of different solutions to safely store and transport the complete range of barriers.
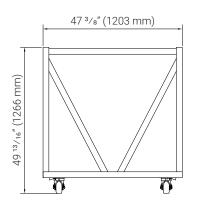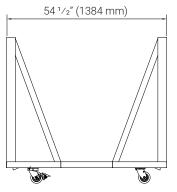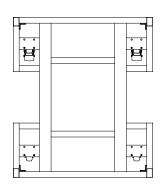
Fixed Cart

Our most popular and cost effective cart will comfortably store 10 standard barriers horizontally when folded, will stack two high, includes two locking castors and will pack two wide across a truck.

47 ³⁄₈″ (1203 mm)

54 ¹⁄₂″ (1384 mm)

49 ¹³⁄₁₆″ (1266 mm)

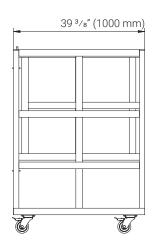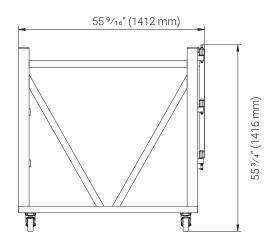| Fixed Cart for 10 Barriers, Horizontal Storage	
Code	TC CWB-CARTUS
Material	Aluminum Alloy EN AW-6061 T6
Dimensions	47 ³⁄₈″ (1203 mm) wide x 54 ¹⁄₂″ (1384 mm) deep x 49 ¹³⁄₁₆″ (1266 mm) tall
Weight	134 lbs. (61 kg) unloaded

Gated Cart

This cart allows 10 standard barriers to be stored vertically when folded. It can also be stacked two high, includes two locking castors and will pack two wide across a truck. A hinging gate on one side secures the barriers.

39 ³⁄₈" (1000 mm)

55 ⁹⁄₁₆" (1412 mm)

55 ³⁄₄" (1416 mm)

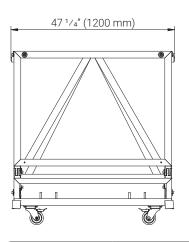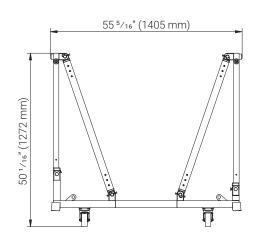| Gated Cart for 10 Barriers, Vertical Storage	
Code	TC CWB-CARTVUS
Material	Aluminum Alloy EN AW-6061 T6
Dimensions	39 ³⁄₈" (1000 mm) wide x 55 ⁹⁄₁₆" (1412 mm) deep x 55 ³⁄₄" (1416 mm) tall
Weight	139 lbs. (63 kg) unloaded

Folding Cart

This cart will also allow 10 standard barriers to be stored horizontally, and has the same features as the fixed cart, however as the name suggests its ingenious design allows it to fold down to under 18" in height when not in use in order to reduce storage space.

47 $^1/_4$" (1200 mm)

55 $^5/_{16}$" (1405 mm)

50 $^1/_{16}$" (1272 mm)

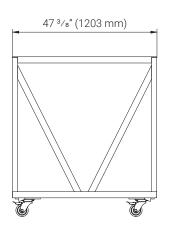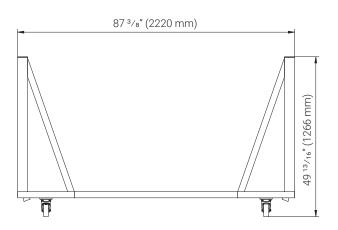| Folding Cart for 10 Barriers, Horizontal Storage	
Code	TC CWB-CARTFUS
Material	Aluminum Alloy EN AW-6061 T6
Dimensions	47 $^1/_4$" (1200 mm) wide x 55 $^5/_{16}$" (1405 mm) deep x 50 $^1/_{16}$" (1272 mm) tall
Weight	236 lbs. (107 kg) unloaded

200 Series Cart

Featuring the same features as our regular fixed cart this model is designed to support 10 of the larger 200 Series barriers that are double the height.

47 ³/₈" (1203 mm)

87 ³/₈" (2220 mm)

49 ¹³/₁₆" (1266 mm)

Fixed Cart for 10 200 Series Barriers, Horizontal Storage	
Code	TC CWB-CARTTFUS
Material	Aluminum Alloy EN AW-6061 T6
Dimensions	47 ³/₈" (1203 mm) wide x 87 ³/₈" (2220 mm) deep x 49 ¹³/₁₆" (1266 mm) tall
Weight	236 lbs. (107 kg) unloaded

Area Four Industries

TOMCAT

M Milos. Works better.

PROLYTE

JTE James Thomas Engineering

EXE TECHNOLOGY

LITEC

Crowd Barriers

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