

Bridge Systems

**Modular
Trackway
Bridge**

VIPER



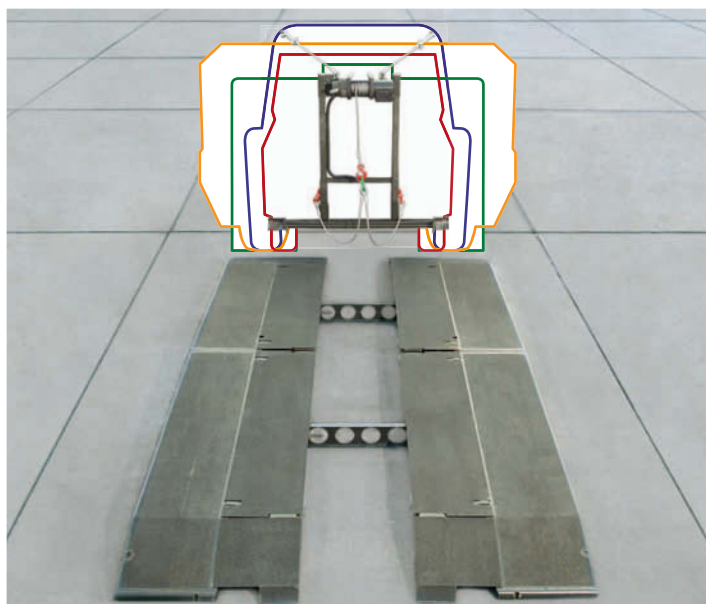


VIPER • Modular Trackway Bridge

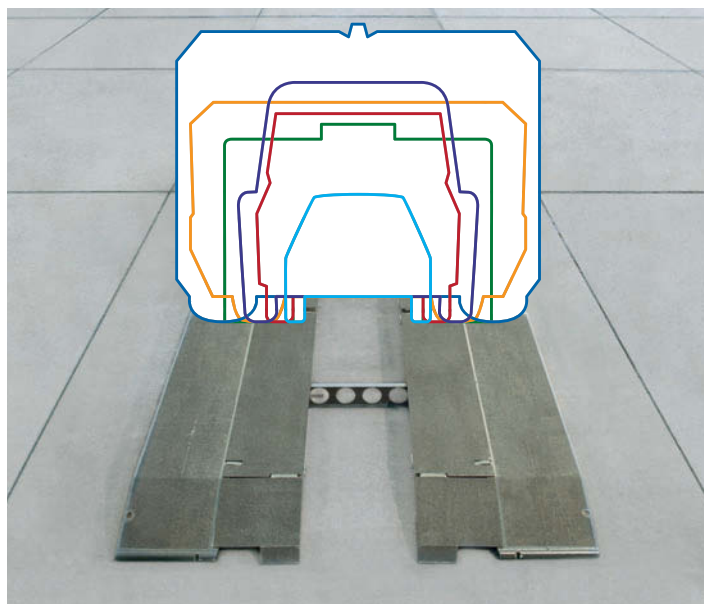
The increased need for a self-sufficient gap-crossing capability for ground forces has led to the development of the VIPER, an aluminum-made modular lightweight trackway bridge for military and commercial vehicles up to MLC 40 that can be connected to form bridge lengths of 4, 6 or 8 m. The single bridge modules can be transported directly on the vehicle, including light tactical vehicles, and can easily be launched and retrieved from the same or a different vehicle by the crew with a simple adapter. The launching/retrieving time for a 4 m VIPER is less than 5 minutes with 4 soldiers.

The VIPER enables tactical vehicles with no or little gap-crossing capability to enhance their maneuverability on the battlefield without being reliant on bridging engineer units. Furthermore the VIPER provides troops with increased protection as it allows them to bypass potential risk areas with their own gap-crossing capability.

Wide range of use – one fits all



Adaptable to various vehicles > 4 t

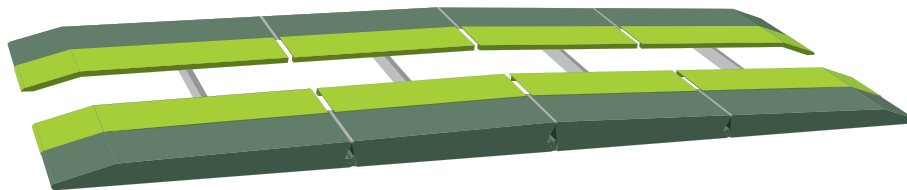


Crossing for vehicles up to MLC 40 with different track widths



VIPER Technical Data

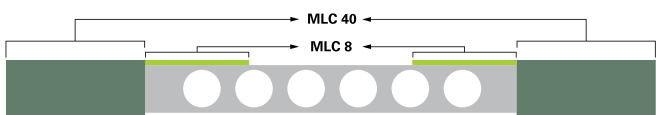
Bridge (schematic)



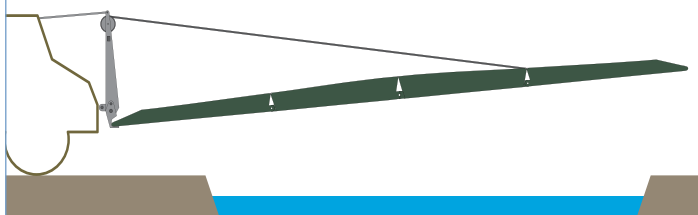
Bridge (deployed)

Payload up to	MLC 40 / MLC 8
Width	2.80 m (9.19 ft)

Cross section



Launching



Launcher (available for different vehicles)

Weight of launcher vehicle	> 4 t (8,818 lbs)
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VIPER (4 m)

Effective length	4 m (13.12 ft)
Total length	5 m (16.40 ft)



VIPER (6 m)

Effective length	6 m (19.69 ft)
Total length	7 m (22.97 ft)



VIPER (8 m)

Effective length	8 m (26.25 ft)
Total length	9 m (29.53 ft)



The Transatlantic Partner for Land Defense in Europe

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