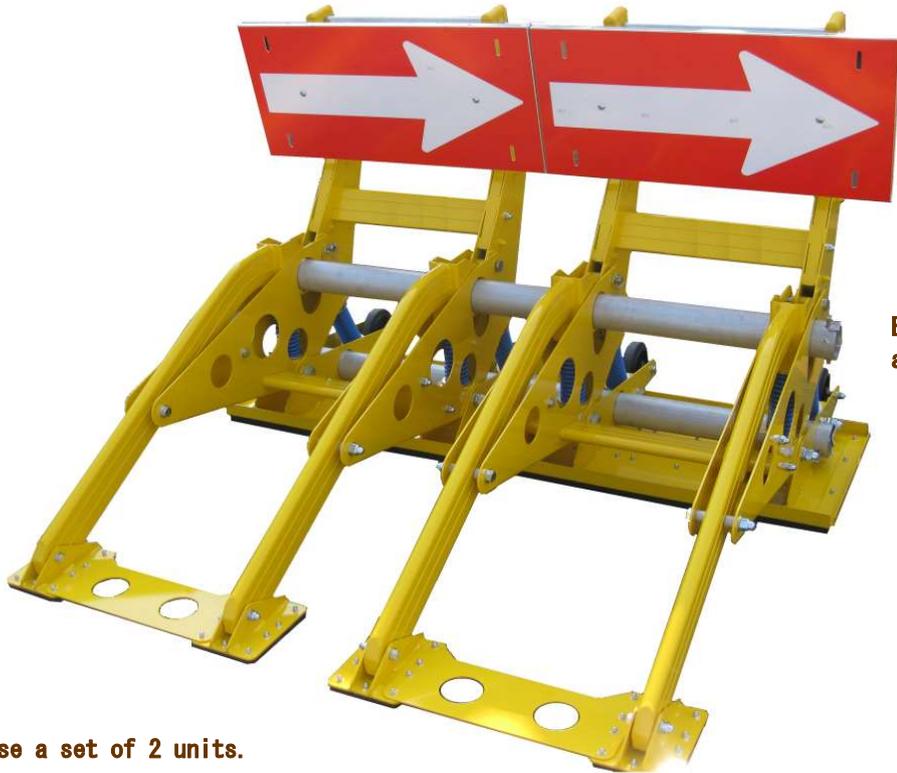


Suitable for large vehicles
Mobile Vehicle Barrier

TOMARUZO II

Utility model registration No. 3176349



Equipped with
arrow board

Use a set of 2 units.

Vehicles travel faster on the highway than on the average road, so performing various tasks at high speed is also more dangerous.

The "TOMARUZOII" is a forced stop device for vehicles entering the highway that is not only used as a regulation device for highway traffic control, but also has the function of stopping large vehicles that have entered the highway by mistake.

To ensure the safety of drivers and workers, we have improved the functions of the traditional "TOMARUZO".

It is also easier to move and install on site.



It is easy to move



Usage example (Tokyo to Nagoya Highway)



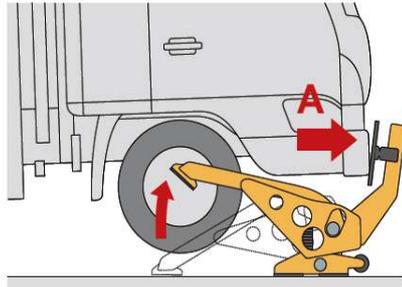
Is detachable and easy to assemble

TOMARUZOII registered NETIS: CB-120024-VE

Vehicle stopping function

When the vehicle collides with TOMARUZOII, the arrow board is pushed in direction A.

With the lever principle, the four extended legs of the device turn upward to lift the front wheels of the vehicle and assist in parking. While the impact of the collision is transmitted to the bottom rubber, and the friction with the ground stops the vehicle.



Shock absorber



The eight shock absorbers absorb the impact of vehicles that have entered diagonally with an approach angle of up to 25°.

Crash test

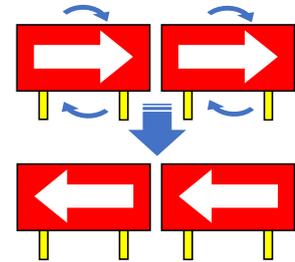
The stopping distance of a 10t car with a speed of 80km/h is shortened by about 5m when the brake is applied.



With TOMARUZOII	4 2.7 m
Without TOMARUZOII	4 7.4 m
2011.5.18	

Arrow board

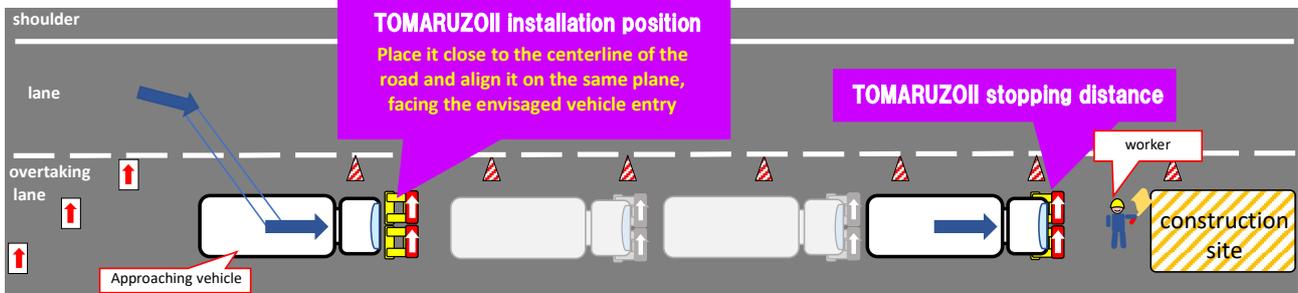
The large display improves visibility. It is easy to switch between the overtaking lane and the driving lane, since the direction of the arrow can be easily changed. The honeycomb structure of the arrowboard support serves as an attention-getter in addition to absorbing the impact of tailgating.



Setting Example

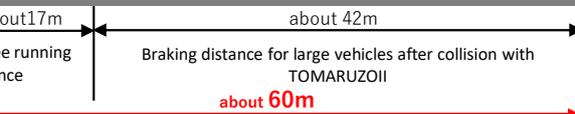
Place TOMARUZOII at least 60m in front of the traffic observer.

(Secure the required separation distance when a large vehicle enters at 80km / h).



※ The time between when the driver senses danger and decides that the emergency brake is needed and when the driver depresses the brake pedal and the brake starts to act is the reaction time.

※ The data shown are experimental values in the case of a head-on collision. The figures may differ depending on the actual road conditions and accident conditions.



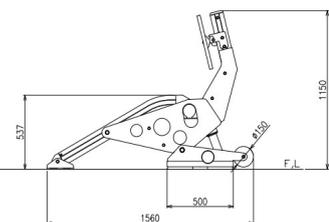
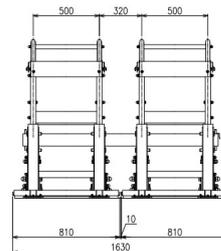
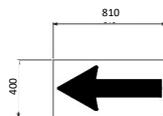
Distance between worker and TOMARUZOII

Large vehicle collision location

Stop position of large vehicle after collision

Dimensions and specifications

Product Name	TOMARUZO II
Model	HS-80-WB3
Size	W1630 × L 1560 × H 1150
Net Weight	About 65kg*2sets
Material	Aluminum alloy



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