



## BOLLARD

# MB 50 1 UNIT HYDRAULIC BOLLARD (220 ÇAP)

## HYDRAULIC GROUP



## RELIABLE SYSTEM, HIGH LEVEL PROTECTION, STRONG MECHANISM, DURABLE, DAILY 1000 OPERATION, MULTIPLE SETTING

Hydraulic Bollards are used in the locations where high security is needed and their application do not disturb the passengers' traffic on crowded places, they are designed to prevent only vehicle access. When a vehicle crashes the bollard with high speed, the car is damaged to the degree that it can no further proceed on the aimed direction. This is effective for all vehicle types of any weight or model. The bollard system has a hydraulic drive unit. The hydraulic drive system is activated by the electronic control board. All kind of buttons, remote controls, card readers and similar access control devices can be entegrated to the system. As an option, red-green traffic light,, flashing light, siren and similar security accesories can be connected as well. Hydraulic bollard moving part is made of 304 AISI stainless steel, buttom part galvanised and top cover is made of aluminium. In open position, bollard height is 50 cm in standard and if needed it can be extended up to 90 cm with custom production. Open-close time is set as 3-4 seconds in standard in order not to prevent traffic flaw. With custom production, this time can be decreased to 1 second if needed. In case of power cut, manual opening is possible with the manual pump included as an option. In the hydraulic bollard set, there is 1 piece bollard, 1 piece hydraulic control cabinet, 1 piece remote control button. Traffic light, flashing light and their poles are optional accesories. Hydraulic Bollards can be installed in sets with 1,2,3 and 4 units. When 2,3 and 4 units of sets are used, all units are controlled with one cabinet and they open-close at the same time. When the up button in the control keyboard is pressed, the bollards move up and prevent car access. When the down button in the control keyboard is pressed, the bollards mov down and let the car passage. As an option, emergency rising button can be included to the system, to be used in case of sudden attacks. Loop detector system can be used for entrance, exit and security purposes. When the loop is used on the entrance, it detects the vehicle which is on it and it allows the bollard to open for passage. When the loop is used on the exit, the bollard closes back when the vehicle completes its exit and is sensed by the loop. When the loops is used for security purpose, the bollards do not rise up for closing when there is a vehicle on top of them in their open position, even the button is pressed by mistake ; so that the vehicle is not damaged. These durable and reliable hydraulic bollards are used in military areas, ministries, embassies, prisons and all kind of places requiring high security precautions.

**304 AISI  
BOLLARD SET WITH 1,2,3,4 UNİTS  
HEIGHT OPTION FROM 50 CM TO 90 CM  
3-4 SECONDS OPENING-CLOSING TIME**

**MAKİM**

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