



BGI, a global leader in bollard manufacturing provides top-tier protection against hostile ram-raids worldwide. Our bollards, tested to international standards, hold certifications such as K4, K8, and K12 crash ratings. We offer diverse solutions operable with hydraulic, pneumatic, and electro-hydraulic mechanisms. Our high-security bollards boast a stainless steel finish, meeting DOS, PAS, and IWA standards. Customized for specific threat levels, traffic volumes, and site conditions, BGI ensures optimum security for government, military, and civilian facilities. They can be integrated with access control systems & third party solutions.

## MECHANISM

### Bollard Mechanism

BGI automatic bollards can be operated with hydraulic, pneumatic, or electro-hydraulic mechanisms; the choice of solution will depend on the operating environment. Special consideration has been given to drainage in the design to ensure that extreme conditions of dust, water ingress, and snow, do not affect the operation of the bollard.

- Hydraulic
- Pneumatic

## PRODUCTS



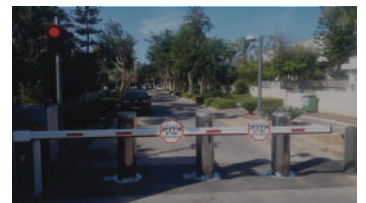
**B3000**  
TRAFFIC BOLLARD



**B3100**  
RATING K4



**B3200**  
RATING K8



**B3120**  
RATING K12

## SAFETY OPTIONS



Inductive loop detectors



Photo-electric sensors



LED lights on bollards, including traffic lights



Synchronized additional barriers



Speed bumps



## PRODUCT RANGE

TYPE	RATING	MECHANISM	SPEED	DIAMETER	HEIGHT ABOVE GROUND	FOUNDATION
B3000 Series	Traffic Control	Pneumatic/ Electro-Hydraulic	1.5-5s	220mm	700-1000mm	1300-1600mm
B3070 Series	Traffic Control	Electro-Hydraulic	3-4s	220mm	600mm	600mm
B3100 Series	K4	Pneumatic/ Electro-Hydraulic	3-6s	220mm	700-100mm	1300-1600mm
B3200 Series	K8	Pneumatic/ Electro-Hydraulic	3-6s	220mm	1000mm	1600-2000mm
B3120 / B5000 SERIES	K12	Electric Hydraulic	4-8s	352mm	1200mm	2500mm

\*Bollards Finish can be customized as per requirements



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