

**White**<sup>®</sup>  
**ROSE**



Strong Block, Safe Passage



Mushroom Barrier Systems





## Mushroom Barrier-Bollrad



## White Rose

### Strong Block, Safe Passage

White Rose took its place among the world actors in the automation sector with the products it developed constantly and the projects it realized.

In the globalized economy doing only your work is no longer Sufficient. In the globalized world you have to be an expert in your sector. You must both do your work perfectly and also gain your sector brand new innovative products. You must organize partners who will be happy to work with you and become solution partners. This can only be organized in institutions with workers kneaded with science-technology culture that invest money in research and development. With this important target, we are giving direction to the future of automation also by producing solutions to the requirements of this date with our efforts. Therefore, White Rose is holding the title of shining star of the sector in its hands with an experience of 25 years.

To good days together.....

Hydraulic Bollrd-Mushroom Barrier



Hydraulic Stainless Mushroom Barrier



Manual Mushroom Barrier



Mushroom Barrier with Led



Portable Mushroom Barrier



## Quality:

Our products manufactured in the world standards, along with maintaining its existing quality is continuously developing it with the efforts of our Research and Development team. It possesses ISO 9001-2008, TÜV CERT, TSE-HYB, and CE certificates as Quality Certificates.







### No corrosion No rust

Special alloy plating; it has been warranted for 10 years by means plating with special raw material against corrosion. Traffic yellow has been used as trunk color with the aim of notice attraction and a signal lamp flashing in the night is available on it. Mushroom barrier can be manufactured in desired heights and in ruby (ral) color.



## Hydraulic Mushroom Barrier

### High security

Manufactured with hydraulic system that will not allow the entry of a vehicle with 50 km speed inside and operate durably.



Mushroom barriers have been designed to open between 4-6 seconds to prevent halting of the traffic and open the road manually in case of power failure. It is being manufactured optionally to close the road in 1 second in emergency cases.





## Against terror attacks with vehicle

Assassination type mushroom barriers which are special production are being manufactured by using special steel in consideration of life and property safety. The product is designed to prevent unwanted accesses and suicide attacks with vehicle.



## Hydraulic Mushroom Barrier

### Solution without problem

Assassination type mushroom barrier has been designed to not certainly allow the entry inside of a vehicle slamming at a speed of 80 km and continue operating after slamming. By means of hydraulic operating system, its operation durability is 100% and it is a solution without problem in even most intense locations.



It is harmonic with all types of access control systems with its micro processor control panel. It can operate with remote control plate reading and GSM control systems. PLC control panel can be applied optionally.





### Wide model choices

White Rose which possesses the most wide range product range in the sector produces mushroom barrier solutions with the latest technology. It has in its product range, solutions for Standard, assassination and hydraulic mushroom barriers.



## Hydraulic Mushroom Barrier



### Our quality priority

Our products with Design and Beneficial Model Patent and Production Certificate are presented to sale after going through quality control in International Standards.





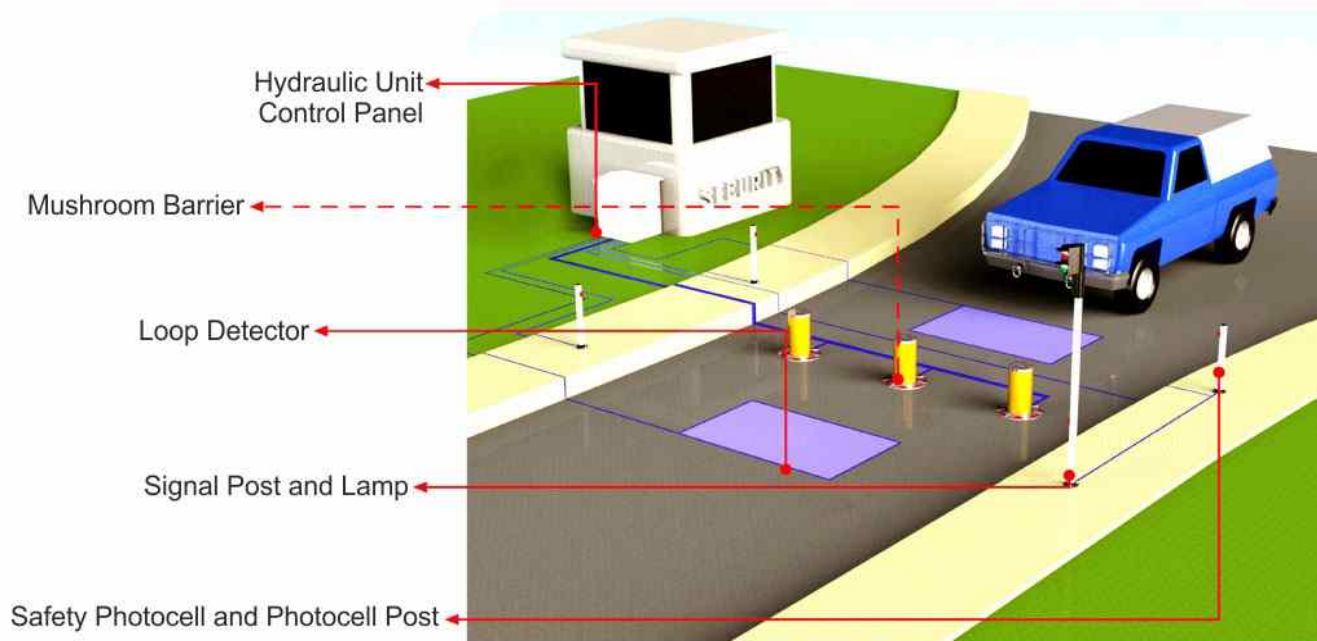


### After Sales Services

White Rose after sales services are being organized by "Technical Services" Department. Our "After Sales Services" group which is in the structure of this Department is responsible for the realization in the highest standard of all types after sales services and service works required.



## Hydraulic Mushroom Barrier, Technical Information



| Type                        | Unary         | Duplet | Trio | Quadplex | Quintet | Sestet |
|-----------------------------|---------------|--------|------|----------|---------|--------|
| Operation system            | Hydraulic     |        |      |          |         |        |
| Motor power / Kw            | 0,75          | 1,5    | 3    | 3        | 4       | 5,5    |
| Operation pressure, minimum | 20 Bar        |        |      |          |         |        |
| Operation pressure, maximum | 100 Bar       |        |      |          |         |        |
| Draw current / A            | 1,95          | 3,8    | 7    |          | 9,3     | 12,4   |
| Power source                | 380V 50-60 Hz |        |      |          |         |        |
| Open-Close speed            | 4-6 Sn        |        |      |          |         |        |









## Hydraulic Rustproof Mushroom Barrier

The trunk is manufactured as hot-galvanized or 304 quality rustproof against corrosion. In addition, there is on the trunk reflected tape providing night vision and warning signal flashing at night.



Mushroom barriers can be manufactured with any height desired. It is harmonic with all types of Access control systems by means of micro processor control panel.







## Manual Mushroom Barrier

Manual mushroom which produces practical solution by means of practical use and esthetic design in personal parking lots are being presented with 2 year warranty by using quality materials.





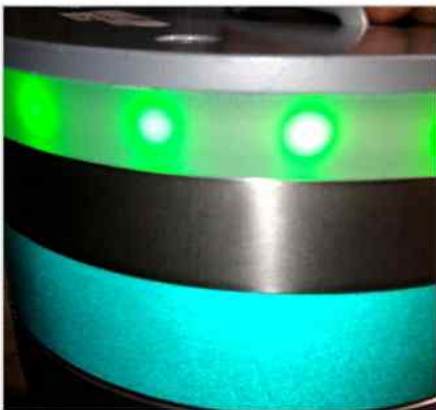
## Mushroom Barrier with Led

### Mushroom barrier with led

Mushroom barrier with led is manufactured with our latest technology hydraulically. Our barriers with led are presented with special plating, rustproof and painted alternatives. On the product, there is high lumen led of first class quality and insensitive to external elements.



Mushroom barriers with led, are rust proof and contributes esthetic to your location.





### Portable mushroom barrier

The use of this product which comes to the forefront by easy installation, is practical like its installation. Mobile mushroom barriers which do not require much digging, is a product most preferred lately.



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# Practical Install Use







Traffic Lamp



Loop Detector



R4 Rolling Control



K4 Control



S2 Control



Safety Photocell





You Also Join the White Rose Family



You also join this family



White Rose which is one of the firms who have a say in the world of automation sector is sharing its 25 years of experience and expertise through its active dealers in the region across the world. Let us proceed to the future on the road enlightened by our past. You also join the White Rose family.

Please reach us to cooperate with White Rose who has different dealership models in line with requirements and and potential of the market. From over the world [www.whiterose.com.tr](http://www.whiterose.com.tr) and from all over Turkey (+90) 444 26





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