



Gate Automation Systems (Irl)

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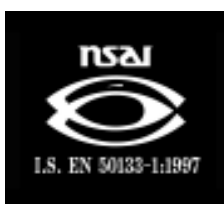
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Eire Bollard

Eire is an electro-hydraulic post for traffic control. The motor pump is incorporated and pre-connected. This makes the unit easier to install. The cylindrical post is made of steel, has a diameter of 200 mm and can be commanded to rise from the ground level or lower by remote control. Two options are available: Eire 2250 having a post, 500mm stroke; and Eire 2280 having the same post diameter, ie. 200mm, but stroke is 800mm. All the essential component parts (motor pump and hydraulic actuator) are inside the location enclosure, which is made of cataphoresis treated steel, a special treatment to prevent rust, and designed to be sunk into the ground.

The up and down movements are carried out by the piston shaft, directly connected to the top of the post from inside the unit. The post is pre-connected and pre-set to operate as designed for and is ready to be fitted, once completed the electrical connections of the electric motor and limit switch Rising to the electronic control board; 10 m cables are provided with the equipment to this purpose. Once the post has been driven to the upper limit stroke, the motor is stopped by means of a water-tight, fully sealed limit switch (limit switch Rising), on descending the motor is stopped when the post reaches the end of the permitted down stroke.

The connections between the motor pump assembly, positioned in the front side of the automation, and the hydraulic actuator are by means of rigid copper pipes completely inside the foundation housing. A shaped spanner is supplied with the post to over-ride the hydraulic circuit in the pump inside the enclosure and to lower the unit by hand if required. The cover of the square enclosure is designed to remain clear of standing water or other fluids. A brim is fitted to protect the top edge of the post.



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