TollPlus 261

- Motorway
- Car park
- Industry-Tertiary
- Hospital/Clinic
- Residential/sme-smi
- Controlled access
- Traffic Management
- Bridge/Tunnel

The reference for the highway environment

High speed performance from 0.6 s in continuous service

Congestion Control
50 vehicles per minute

Modular up to 4.00 meters
Wide range of options and accessories

Simple to install
Reduced maintenance

Designer and manufacturer of boundary access control equipment

www.automatic-systems.com
Standard characteristics of the TollPlus 261 SR/AVR rising barrier

1. Variable speed control supplied with 230 Volts single-phase ensures control of the accelerations, decelerations, short circuit protection, grounding, overcurrent and thermal protection of the reduction motor

2. Limitation of the electromagnetic group torque allows immediate stopping of the boom during closing and in case of an obstacle

3. Three-phase reversible reduction motor brake, lubricated for life, ensures the perfect protection of the mechanism in case of malicious forced raising of the boom

4. Auto-aligning flange bearing for main shaft, lubricated for life

5. Main shaft directly driven by reduction motor eliminating all complicated adjustments and the risk of additional breakdown

   - Boom made from aluminum alloy with an 80 x 54 mm oval profile with orange reflective stripes cl. 1
   - Numerous boom options offered

6. Boom swing-off system in case of impact with swing-off sensor

7. Automatic opening in case of electrical power supply interruption (via balance spring)

8. Control logic programmed according to customer specification with adjustable end of movement period

9. Modular terminal block

   - Integration of customer equipment on request

10. Steel housing thickness 3 mm with anti-corrosion orange finish polyester paint treatment RAL 2000(1)

11. Steel base thickness 5 mm anti-corrosion orange finish polyester paint treatment RAL 2000(1) and rubber sealing joint on base

12. Steel door (opposite side to traffic) thickness 1.5 mm with anti-corrosion orange finish polyester paint treatment RAL 2000(1) giving multiple access to the mechanism and equipment.

   - Other color options available according to RAL colour chart

13. Triangle type security lock

14. Adjustable opening and closing speeds from 0.6 s to 2.5 s in continuous service

   - High speed performance: 50 vehicles per minute
   - High degree of robustness: 20,000 cycles / day
   - MCBF: 5,000,000 cycles
   - MTTR: 1 hour (boom: 10 min)
   - Operating temperature: from - 25°C to + 60°C
   - Average relative humidity: 95%
   - Protection: IP55
   - Weight: 100 kg

Barrier supplied fitted, tested and adjusted to customer configuration at factory

Numerous accessories and options available

Simple installation and reduced maintenance

Designed for highway toll booths, the TollPlus 261 barrier meets numerous requirements in terms of performance, reliability and robustness, adaptability and reduced maintenance. Its lack of obstructions and easy access to the mechanism with the equipment located on the opposite side to the traffic allows maintenance operations to be carried out in complete safety.
Aluminum boom 80 X 54 mm
Swing-off device
Useful length (max. 4.00 m)

Aluminum boom 80 X 54 mm
Swing-off device
With polystyrene protection Ø 140 mm and high-resistance cover

"Protecta" carbon boom
Swing-off device
With polystyrene protection Ø 100 mm and high-resistance cover

"Protecta" carbon boom
Swing-off / automatic reseating
With polystyrene protection Ø 100 mm and high-resistance cover

Visual alarm with flashing lights
Audible siren alarm
LED lights Ø 200 mm
**Barrier installation**

- Useful boom length
- Passage width
- 1 conduit ø 40 for power cables
- 2 conduit ø 40 for control cables
- 3 conduit ø 20 for loop cable

**Base**

- 4 M12 nuts
- 4 large washers
- 4 welded iron plates
- Horizontal concrete base
- Passage 170 x 170
- 4 oblongs 60 x 20

**Housing plate**

4 M 12 rods length 240

**Direction of boom arm**

- Direction of traffic
- Arm on left
- Arm on right

**The chassis enclosure is secured with 4 screws and 4 washers. It is possible to fix the barrier with M12 chemical anchors.**

**Your installer:**

- TollPlus 261–FT–EN–02

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**Concrete base level 600 x 600 x 600**

**Concrete Quality c25-30 xc4 xf4 4 oblongs 60 x 20**