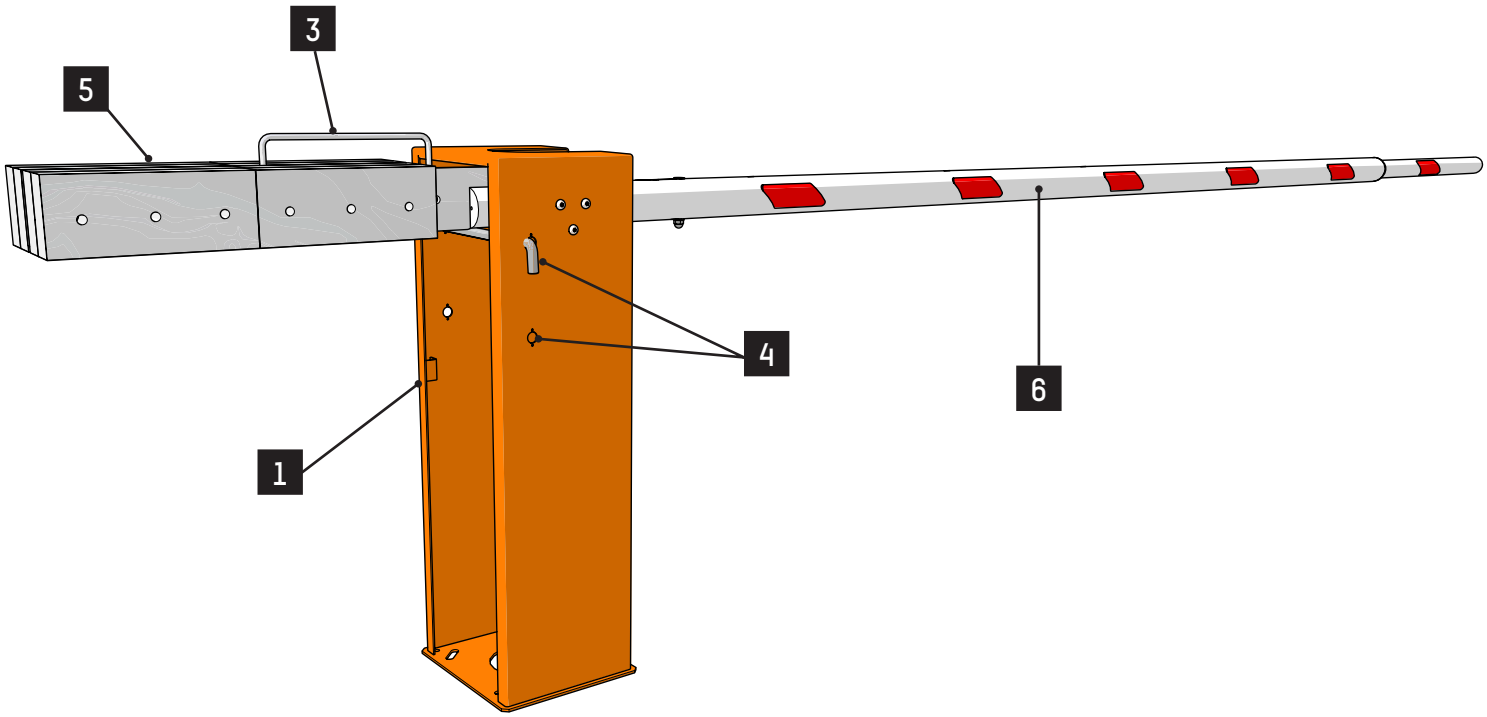
BL 10

Technical datasheet

Rev. 12 • Update 03/2025



The manual raising barrier **BL 10** is intended for low-use access control.

STANDARD RAL COLOURS

RAL 2000 (*)	RAL 3020	RAL 7016	RAL 9010
Orange	Red	Anthracite grey	White

(*) Standard color.
All other colors must be specified when ordering.

Note: These RAL references are available for free.

DESCRIPTION

1. Electrogalvanised 3mm-thick sheet steel frame folded and welded on to a 10mm-thick base.
2. Stainless steel nuts and bolts.
3. Barrier shaft supported by 2 permanently lubricated self-aligning plummer blocks.Progressive stops enable the barrier to be stopped in a horizontal or vertical position.
4. Locking of the barrier in a vertical or horizontal position by padlockable pin.
5. Steel counterweights fixed on the operative shaft in order to ensure that the barrier's movements are balanced according to its range, at both opening and closing.
6. Round boom made of extruded aluminium alloy, 1 or 2 sections bushed according to the overall length:
   - From 3 to 5 m: 1 section with 80mm diameter.
   - From 5 to 8 m: 2 sections with 60mm and 80mm diameter.

   Boom enamelled white, with red reflective bands on both sides.
7. Fixing frame (No provided).

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STANDARD TECHNICAL CHARACTERISTICS

Type	Manual barrier
Boom type	Round
Arm lenght (L)	From 3 to 8 m
Weight	From 54 to 118 kg according to configuration
CE	Complies with European standards

SURFACE TREATMENT

Anti-Corrosion protection:

- Degreasing the metal parts.
- Rinsing with water, eliminating any alkaline residue.
- Phosphatising with 5-micron thick zinc.
- Passivation ensuring enhanced rust resistance of the ensuing phosphatic layer.
- Eliminating residual salts by rinsing with demineralised water.
- Final treatment by 20-micron thick cataphoresis.

Paint:

1. Anti-rust primer paint, epoxy micaceous iron with 2 components, 40-micron thick.
2. Structured polyurethane finishing paint with 2 components, 40-micron thick.

   Standard colour: RAL 2000.

OPTIONS

ARMS

- Limit switch for info - Arm position in case of power failure.

TIP SUPPORT

- Standard tip support locked with padlock (padlock not supplied).
- Standard tip support - Fixed height 830mm.
- Folding tip support.

SIGNALISATION

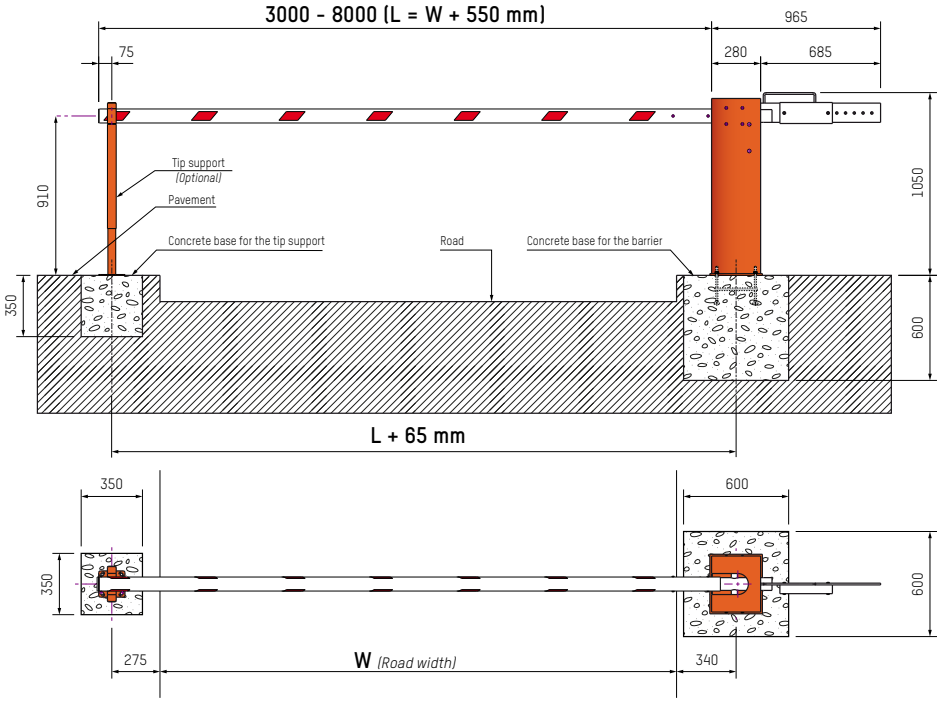
- Aluminium composite traffic sign (Ø 300mm).

AESTHETIC

- Non standard colour.
- Treatment for aggressive saline environment. [1]

[5] Recommended for an installation within 10 km of the coast: sandblasting + Alu Zinc plating 80µm outside (40µm inside) + polyzinc 80µm + 80µm powder coat.

STANDARD DIMENSIONS (MM)



Headquarters
Avenue Mercator, 5
1300 Wavre - Belgium

sales.asgroup@automatic-systems.com

+32.(0)10.23.02.11

www.automatic-systems.com

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