

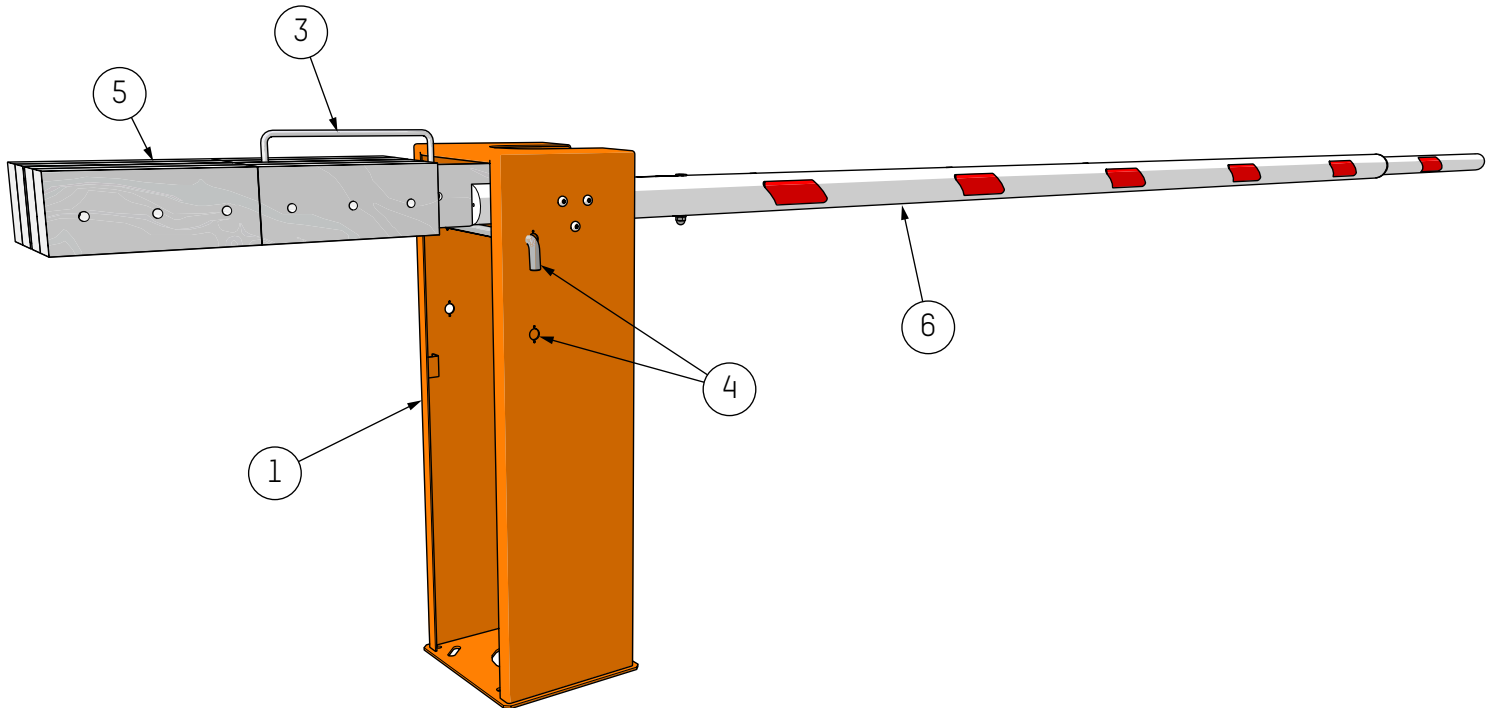
# BL 10

## Technical datasheet

BL10-FT-EN-09

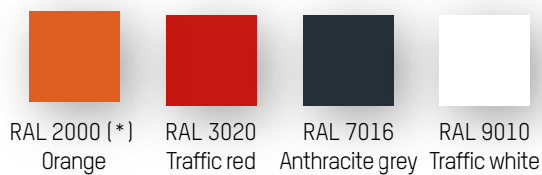
**AS** **AUTOMATIC**  
**SYSTEMS**

Access controlled...  
Future secured



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

### STANDARD RAL COLORS



(\*) Standard color.

All other colors must be specified when ordering.

### DESCRIPTION OF THE STANDARD EQUIPMENT

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)*.

## 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 cathaphoresis.

### 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.

## TECHNICAL SPECIFICATIONS

Manual barrier.

Boom type: round.

Arm length (L): from 3 to 8 m.

Weight: from 54 to 118 kg according to configuration.

Conform to European standards.

## OPTIONAL

1. Limit switches for information of boom position.
2. Tip support locked with padlock. *(Not provided)*
3. Standard tip support.
4. Folding tip support.
5. Aluminium composite traffic sign Ø300 mm.
6. Paint of another RAL color *(Other than standard colors)*.
7. Treatment for aggressive saline environment.  
*(recommended when the barrier is installed within 10 km of the coast and may be subject to salt attack: sandblasting + Alu Zinc plating 80µm outside (40µm inside) + polyzinc 80µm + 80µm powder paint).*

## STANDARD DIMENSIONS (MM)

