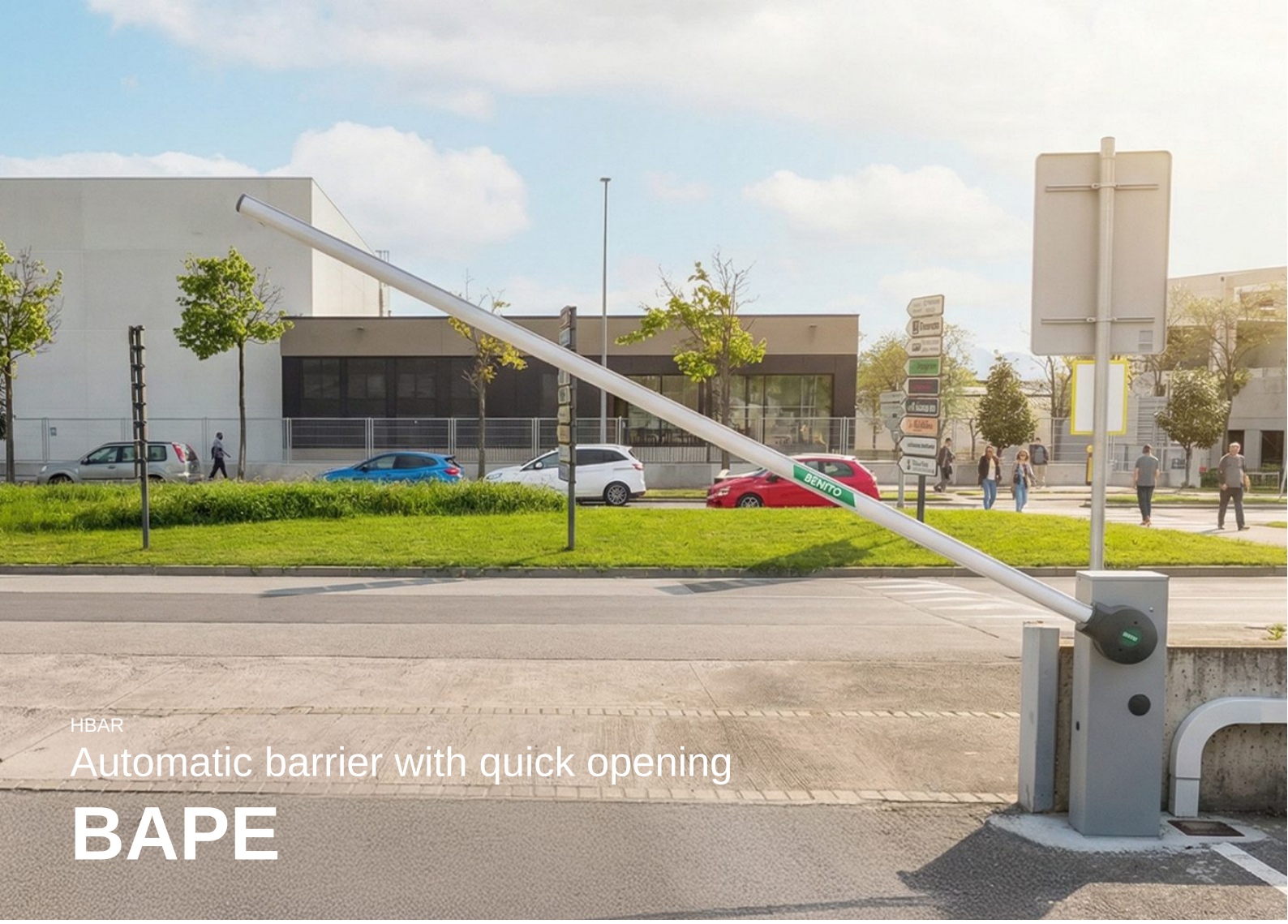


HBAR

Automatic barrier with quick opening

BAPE

Regulations and certifications:

ISO 9001 ISO 50001 ISO 14001 ISO 45001

HBAR barriers are designed for fast movement, enhanced reliability, and safety, featuring a modern design and high-quality materials that ensure consistent comfort. They incorporate a 24Vdc geared motor with an integrated control panel, updated to meet the latest standards. Key features include adjustable speed and an obstacle detection system. Available in two versions, with masts up to 4 or 6 meters, they are equipped with high-efficiency RGB LED lights, including a traffic light function programmable directly from the control panel. These barriers are efficient, easy to install, and require minimal maintenance, ensuring quiet operation and improved heat dissipation. HBAR barriers are the perfect solution for automating vehicle entrances in high-traffic environments. Industrial or commercial applications where high vehicle traffic needs to be regulated. Its speed regulation capabilities allow for quick and frequent openings, achieving an opening time of only 3.5 seconds.



REF.	
HBAR4	4 m
HBAR6	6 m
HBAR4L	4 m con led
HBAR6L	6 m con led

BENITO

info@benito.com
tel. 93 852 1000

Automatic barrier with quick opening
BAPE

HBAR



Materials & Finishes:

Cabinet made of galvanized and painted steel, with no visible joints, increasing its resistance to mechanical stress. Designed for intensive use, the system has been tested to withstand high operating cycles: up to 300 cycles/hour for the 4-meter version and 200 cycles/hour for the 6-meter version.
It incorporates new high-resistance balancing springs that ensure continuous and stable operation. In the 6-meter version, an optional double spring is also available, improving the smooth movement of the boom and helping maintain performance and mechanical durability.
The boom features an elliptical profile, painted and highly resistant to wind. Its modular design allows practical assembly through hidden aluminum expansion joints, supporting boom lengths of up to 6 meters. It includes high-efficiency RGB LEDs on both sides of the arm, with the possibility of integrating traffic-light functions that clearly indicate different operating states. Thanks to the electronic obstacle detection control, active during both opening and closing, and the integrated speed sensor (virtual encoder), a long service life is ensured without wear on electronic components. In the event of a power failure, the barrier can open automatically and, with the optional emergency battery pack, close again once power is restored. Photocells are discreetly mounted inside the cabinet, in a specially designed compartment, increasing protection against vandalism.
The control board incorporates an improved heat dissipation system, offering better performance in high-temperature environments. The product as a whole has an IP54 protection rating (compared to the previous IP44), improving resistance to water and environmental factors. Additionally, the control unit has been optimized with a higher protection level to prevent the ???? of solid particles such as insects, one of the main causes of electronic failure in barriers.

