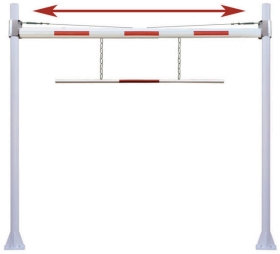
Height Restrictors · Fixed Height Restrictors

Fixed height restrictor HBS 110 PV adjustable width, clearance up to 3.8 m

The HBS 110 PV fixed height restrictor is a portal with a telescopic barrier beam whose width is set on site. It shows drivers the clear headroom and prevents over-height vehicles from entering.









KEY FACTS

Width Range	4000–6800 mm, 6600–9600 mm
Finish	Hot-Dip Galvanized / Galvanized, Hot-dip galvanized and painted
Overall Height	4000 mm
Maximum Drive-Under Height	3800 mm

- Width adjustable between 4,000 and 6,800 mm or between 6,600 and 9,600 mm
- Clear headroom adjustable up to 3.8 m, overall height max. 4.0 m above ground
- Telescopic aluminum barrier beam, 102 × 82 mm
- Two steel tube posts, Ø 101.6 × 2.9 mm
- Always with wire rope reinforcement

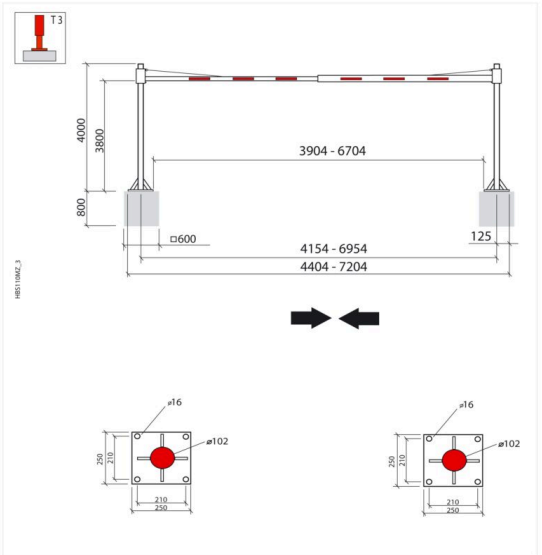
DESCRIPTION

The clearance can be set at up to 3.8 m. The portal is mounted outdoors, for example at car park entrances, at freight terminals and loading bays, and at fuel stations.

FEATURES

- Available in white with red reflectors or hot-dip galvanized with red/white reflectors
- Bolted down via base plates, screwed onto a cast-in mounting cage or cast in

DIMENSIONS



SUITABLE FOR THESE ENVIRONMENTS

- Outdoor parking
- Freight terminals & loading bays
- Petrol stations

VARIANTS

Item no.	Width Range	Finish
HBS110-6800-RW	4000–6800 mm	Hot-dip galvanized and painted
HBS110-6800-VZ	4000–6800 mm	Hot-Dip Galvanized / Galvanized
HBS110-9600-RW	6600–9600 mm	Hot-dip galvanized and painted
HBS110-9600-VZ	6600–9600 mm	Hot-Dip Galvanized / Galvanized

TECHNICAL DATA

Material	**Steel and aluminum**
Boom Dimensions	**102 x 82 mm**
Post Diameter	**101.6 mm**
Floor Plate Dimensions	**250 x 250 mm**
Mounting Hardware	**Anchored**

MOUNTING AND FIXING

The posts have 250 × 250 mm base plates and can be mounted in three ways: bolted down with anchors into existing concrete, screwed onto a cast-in mounting cage, or cast in directly with an extended post tube. As the beam is telescopic, the width is adapted to the entrance during mounting. A mounting cage and heavy-duty anchors are available as accessories, as are a hanging bar or a banner beneath the beam.

MATERIAL AND DURABILITY

All steel parts are hot-dip galvanized and, in the white design, also polyester-coated in RAL 9010. The posts are made of steel tube and the telescopic beam of aluminum profile. The beam is always reinforced with wire rope.

FREQUENTLY ASKED QUESTIONS

When should I choose the HBS 110 instead of the HBS 100?
When the width of the entrance is not known in advance or does not match a standard width. The HBS 110 has a telescopic beam that is set on site, whereas the HBS 100 has a fixed width.

How is the portal mounted?
It is bolted down via 250 × 250 mm base plates, screwed onto a cast-in mounting cage or cast in.

What widths does the HBS 110 cover?
The smaller size is adjustable between 4,000 and 6,800 mm, the larger between 6,600 and 9,600 mm.

All documents, prices and stock status are on the product page

nordguard.eu/product/fixed-height-restrictor-hbs-110-pv-adjustable-width-clearance-up-to-3-8-m

Questions? Call +46 10 153 90 50 on weekdays 07:30–17:00 (CET) or email info@nordguard.eu