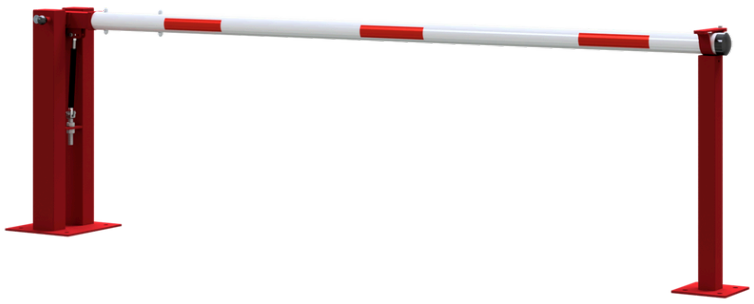
Barrier Gates and Height Restrictors · Barrier Gates

Manual boom barrier with gas spring and support post clear width 3–7 m, for padlock

The manual boom barrier with gas spring and fixed support post closes off an entrance or access road and is opened by hand when someone needs to pass.



KEY FACTS

Clear Width	3 000–7 000 mm
Overall Height	950 mm
Locking Mechanism	Padlock
Gas spring	With gas spring
Weight	53.05–62.9 kg





- The boom is raised by hand and counterbalanced by a gas spring in the main post.
- The boom can be secured with a bolt in both the open and closed positions.
- Locks with a padlock in the locking device on the support post.
- Boom made of thick-walled Ø 80 mm aluminum tube, powder-coated white with red reflective tape.
- Main post and support post are hot-dip galvanized and powder-coated red.

DESCRIPTION

The gas spring carries most of the boom's weight, so even the longest 7 meter boom is easy to raise and lower. The barrier is used in car parks, at entrances to residential areas and properties, and on warehouse and industrial sites where access needs to be restricted without power or control systems.

FEATURES

- The posts have base plates with four Ø 20 mm holes each for anchoring in concrete.
- Available in five clear widths: 3,000, 4,000, 5,000, 6,000 and 7,000 mm.

SUITABLE FOR THESE ENVIRONMENTS

- Outdoor parking
- Residential areas & housing associations
- Warehousing & distribution
- Streets & roads

VARIANTS

Item no.	Clear Width	Weight
415_30VPB	3 000 mm	53.05 kg
415_40VPB	4 000 mm	55.85 kg
415_50VPB	5 000 mm	58.58 kg
415_60VPB	6 000 mm	61.32 kg
415_70VPB	7 000 mm	62.9 kg

TECHNICAL DATA

Mounting Hardware	**Anchored**	Material	**Steel and aluminum**
Finish	**Hot-dip galvanized and painted**	Color	**Red/White**
Post Dimensions	**120 x 80 mm / 70 x 70 mm**	Floor Plate Dimensions	**360 x 360 x 8 mm / 220 x 220 x 8 mm**
Boom Dimensions	**Ø 80 mm**	Number of Anchors	**8**

MOUNTING AND FIXING

The boom barrier is bolted to a concrete foundation. According to Schake's mounting instructions, a pit of approx. 550 × 550 mm and approx. 900 mm deep is dug for the foundation. The concrete is poured in, compacted, levelled and left to cure. The main post is then placed on the foundation, the holes are marked out and drilled, and plugs are driven into the holes. The main post is put in place, the direction of the boom's swing is checked and the post is bolted down. Finally, the boom is slid onto the pivot joint and screwed in place. The support post is anchored in the same way. If you would rather cast the barrier in, a set of cast-in ground sockets for the main and support posts is available as an accessory. Schake recommends a cable reinforcement for extra stability from a barrier width of 6 meters. The mounting instructions can be found under the "Documents and certificates" tab.

MATERIAL AND DURABILITY

The posts are made of S235JR structural steel, which is hot-dip galvanized and then powder-coated red. The hot-dip galvanizing protects the steel against rust even if the paintwork is damaged. The boom is a thick-walled aluminum tube, powder-coated white with red reflective tape, making it easy to see both in daylight and in headlights.

FREQUENTLY ASKED QUESTIONS

How heavy is the boom to lift?
The gas spring in the main post carries most of the boom's weight, so the boom can be raised and lowered by hand without much effort, even in the 7,000 mm width.

Which width should I choose?
Choose the clear width that covers the carriageway, 3,000–7,000 mm. The overall width of the barrier is approx. 180 mm greater than the clear width.

How do you lock the boom barrier?
The boom is locked with a padlock in the locking device on the support post. At the main post, the boom can also be secured with a bolt in both the open and closed positions. Padlock not included.

Can the boom barrier be cast in instead of bolted down?
Yes. With the set of cast-in ground sockets, one socket is cast in for the main post and one for the support post, and the posts are then bolted to the sockets' mounting plates.

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

nordguard.eu/product/manual-boom-barrier-with-gas-spring-and-support-post-clear-width-3-7-m-for-padlock

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