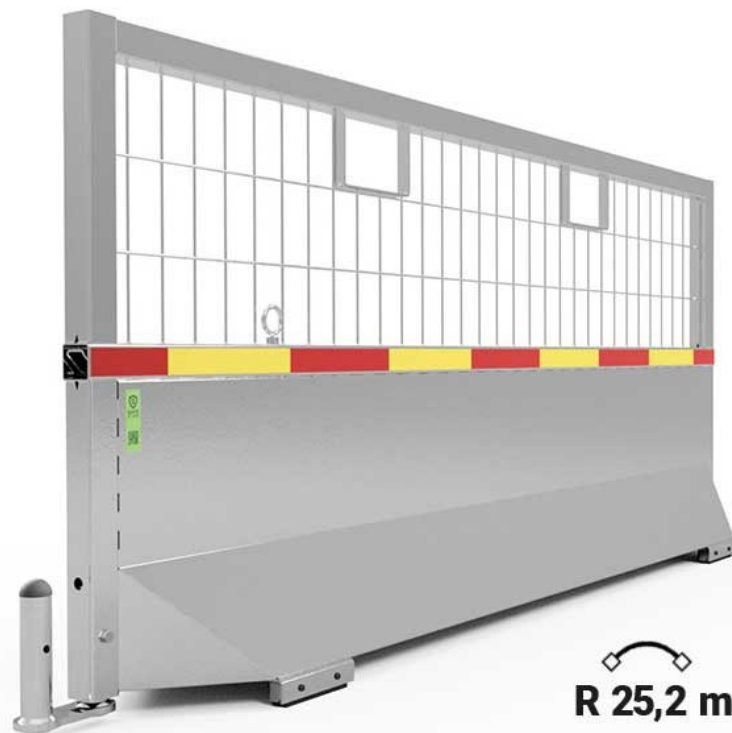


ProGuard City Barrier

Steel-clad barrier with concrete core, EN 1317-2 · T1 / T2



Products	ProGuard City Barrier 2,6 m (Art. 10049 with reflectors, 10050 without, 10075 red/white), City Barrier 1,2 m (Art. 10183 / 10175)
Standard	EN 1317-2 · T2 / W6 · T1 / W3 · T1 / W1 (simulation, 50 km/h)
Contents	General · Approved configurations · Storage and handling · Lifting · Installation · Accessories · Spare parts
Document	User manual, English · Rev. 1.0 · 11/09/2026

Read this manual before installation, handling or maintenance. Installation and handling must be carried out by qualified personnel after a risk assessment and method description. Keep the manual available on site. Rev. 1.0, 11/09/2026. Nordic Traffic Safety GmbH, Friedrichstr. 112, 24837 Schleswig, Deutschland, sales@nts.world, +45 88 63 88 60.

General

Tested according to EN 1317-2. Approved configurations is shown in the table below.

Barrier length	2,6 m
Containment level	T2
Working width class	W6
Working width	1,95 m
Dynamic deflection	1,55 m
Impact Severity Level (ASI)	A
MIN installation length, unanchored*	36,5 m
Radii capacity	25,2 m
* Minimum 12,9 m of barriers must be installed prior to, and after the work zone	

Installation and handling of City Barriers must be done by qualified personnel.

Always carry out a risk assessment and method description before installation. Inspect and identify possible wear or damages on the products before usage. Never use products that are damaged, rusty or are in general bad condition.

Before installation should the following be inspected and passed for the products to be used:

- No damages, cracks, or major deformations on the Locking Bar
- No damages, cracks, or major deformations on the Link
- Minimum 3 mm protruding of the Rubber Foot

Use suitable tools and personal safety gear when handling the products. Always check that lifting material or machines have enough lifting capacity for the task.

Barriers are intended to be used on asphalt. Make sure that the ground is free from dirt, debris and sand before installation.

Approved configuration, containment class T1

ProGuard City Barrier is also tested according to EN 1317-2 in containment class T1 (TB 21 crash test at 80 km/h). Use the values below for T1 installations. The T2 / W6 values on the previous page apply to installations that must provide T2 containment.

T1 / W3, crash tested at 80 km/h

Barrier length	2,6 m
Containment level	T1
Working width class	W3
Working width	0,87 m
Dynamic deflection	0,47 m
Impact Severity Level (ASI)	A
MIN installation length, unanchored*	18,6 m
Radii capacity	25,2 m

* Minimum 6,2 m of barriers must be installed prior to, and after the work zone.

T1 / W1, simulation at 50 km/h

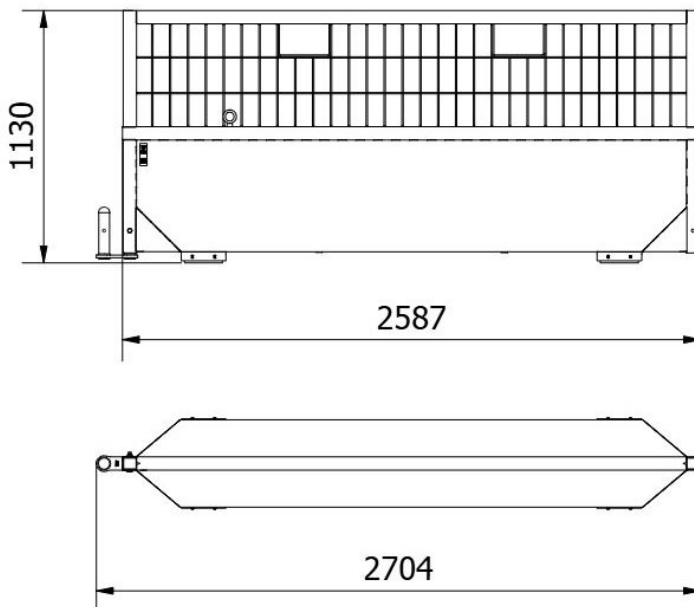
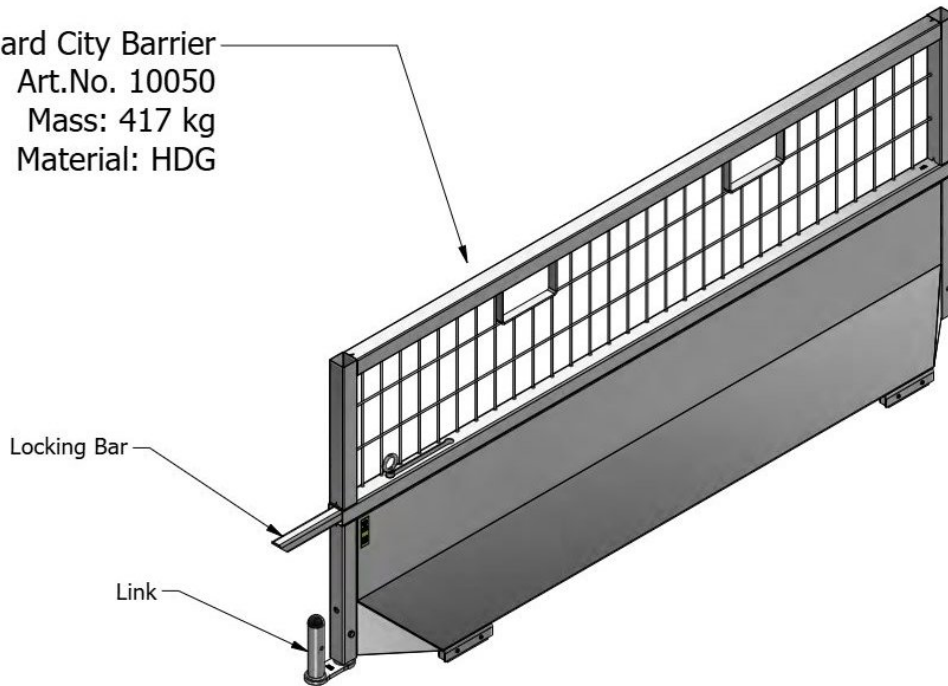
Numerical simulation (TB 21 type impact, 1300 kg vehicle, 8 degrees, 50 km/h, 7 barriers, 18,2 m) carried out by an accredited test house, factsheet SAS-RD003-010, 13/11/2025.

Containment level	T1
Working width class	W1 (Wm 0,46 m)
Dynamic deflection (Dm)	0,07 m
Vehicle intrusion class	VI1 (VIm 0,20 m)
Impact Severity Level	A (ASI 0,13 · THIV 3,23 km/h)
Tested installation length	18,2 m (7 units)

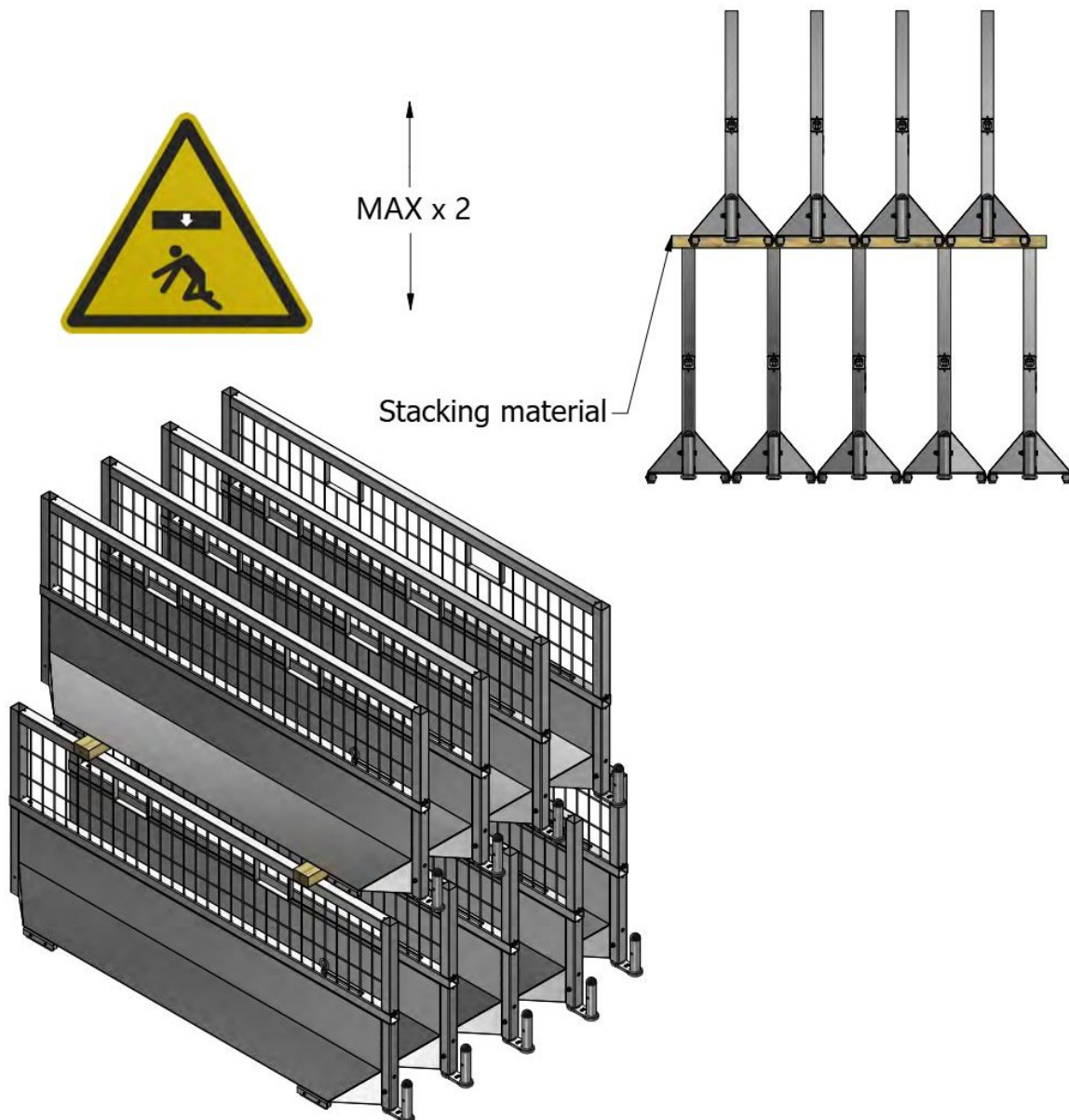
Simulation values are indicative for 50 km/h applications. The installation rules in this manual apply to all containment classes.

ProGuard City Barrier

ProGuard City Barrier
Art.No. 10050
Mass: 417 kg
Material: HDG

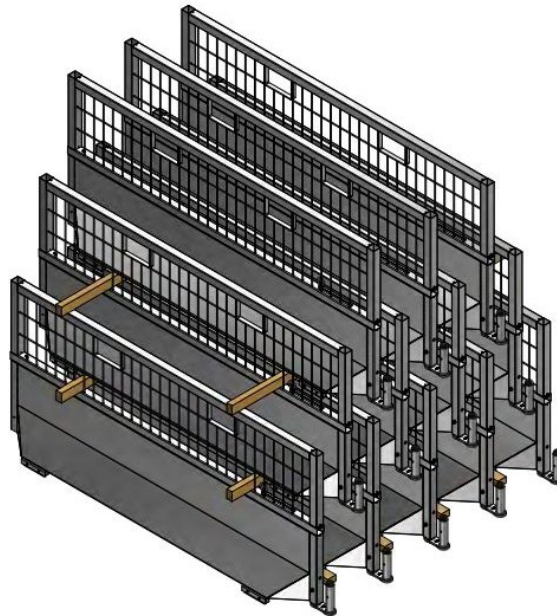


Storage and handling



Storage and handling

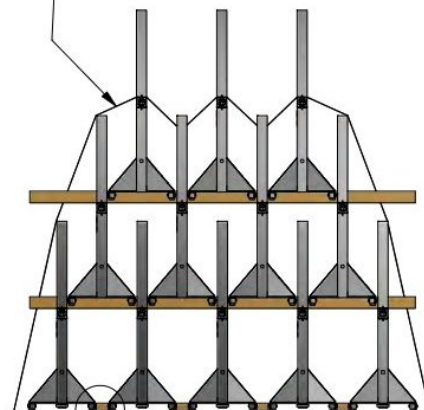
Alt 2.



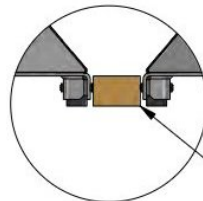
Standing 45x70 - 2300mm



Secure during transport

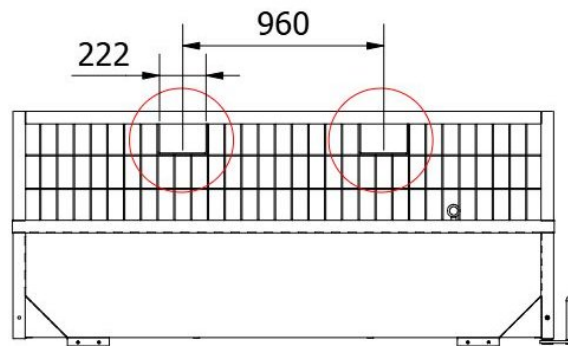
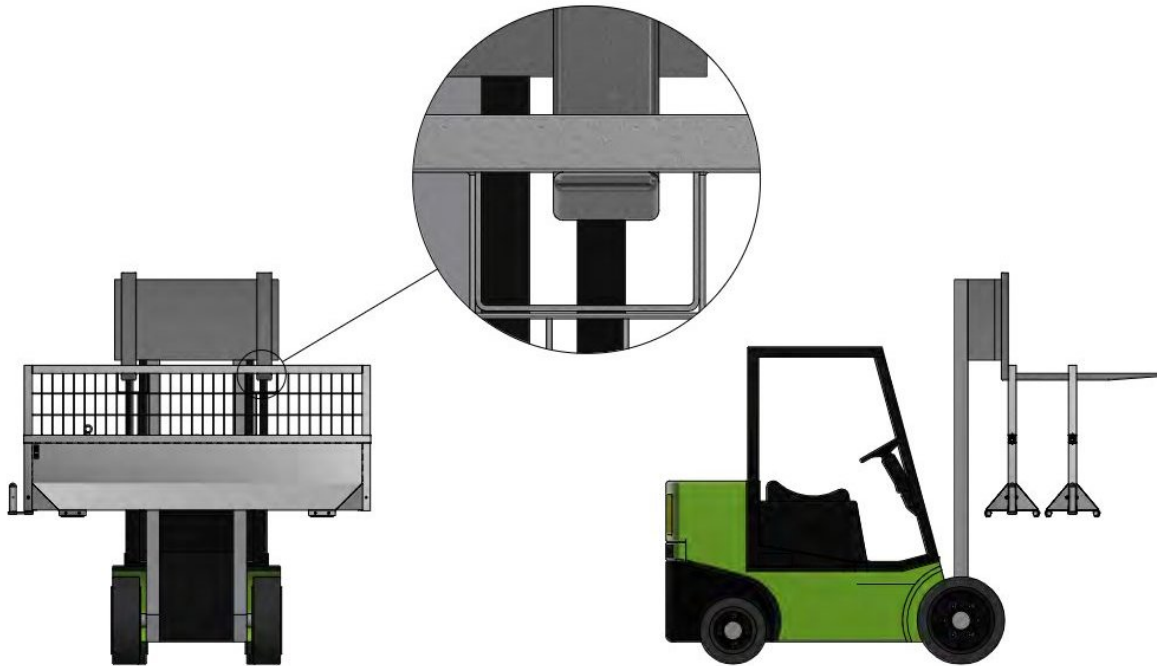


Flat 45x70



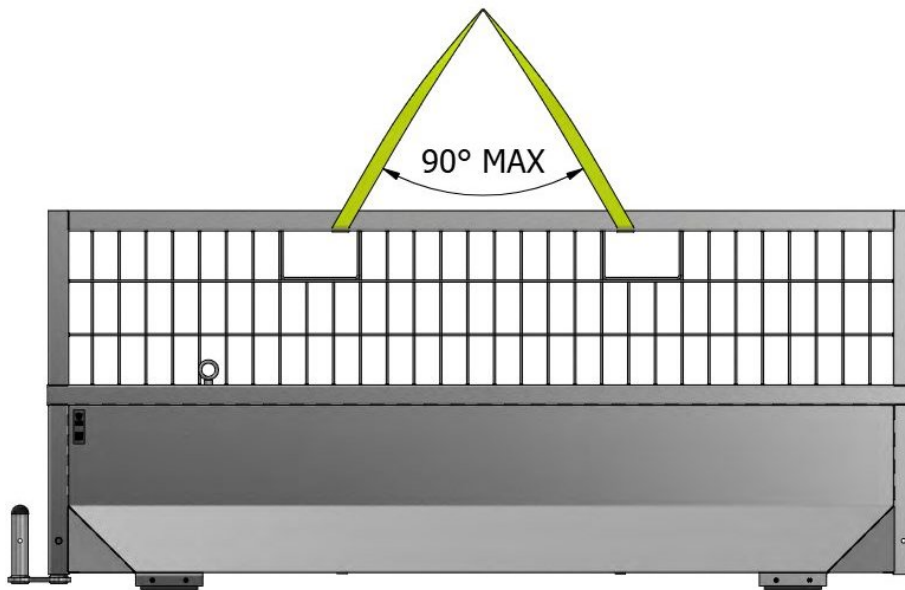
Handling - Lifting

Alt. 1 - Forklift/Wheel Loader



Handling - Lifting

Alt. 2 - Sling



 417 kg



Handling - Lifting

Alt. 3 - Lifting hook

City Lifting Hook

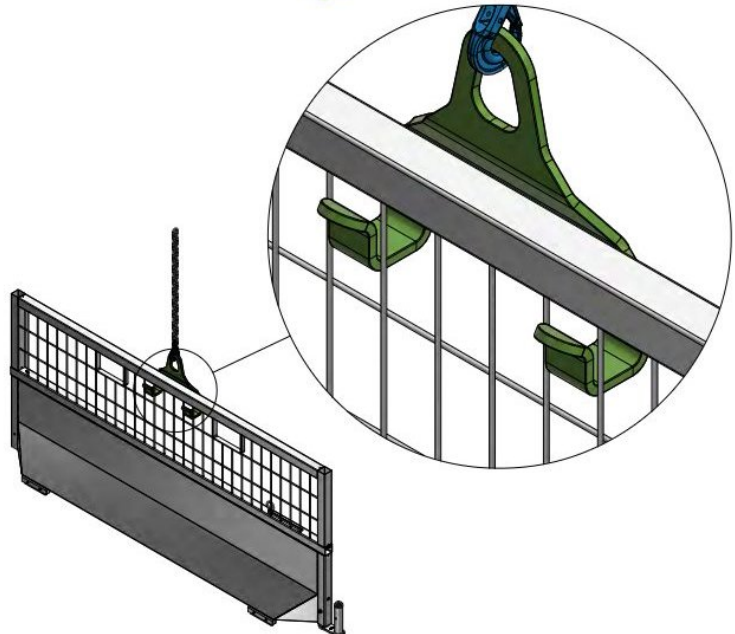
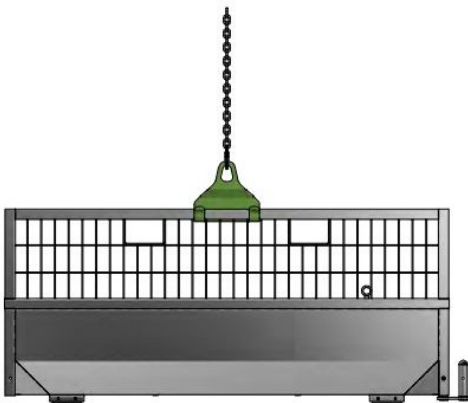
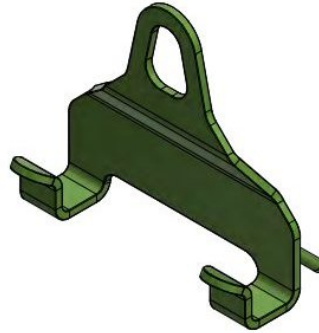
Art. nr 10200

Max lifting capacity 500 kg

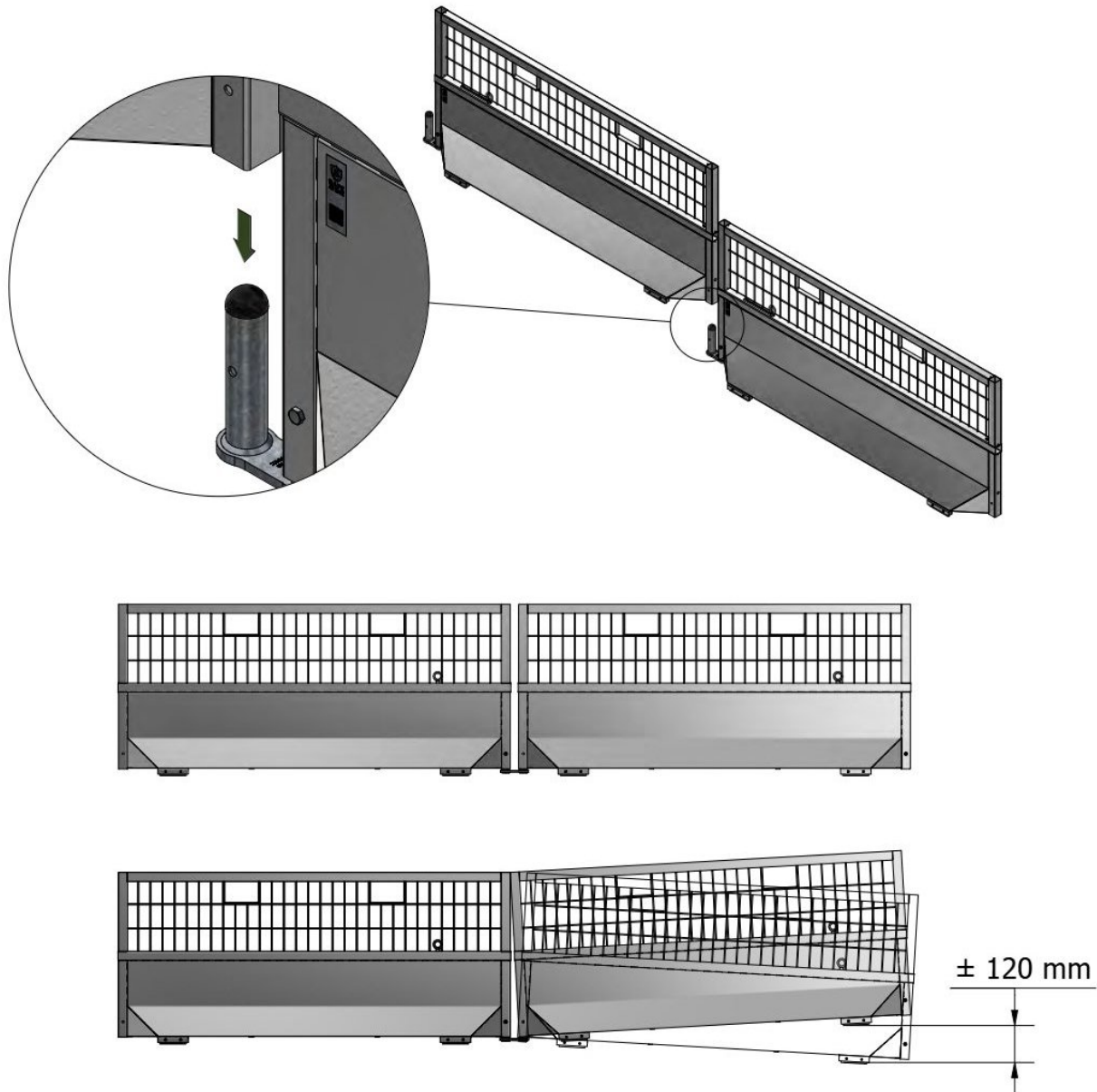
 Acc. to 2006/42/EG



8,6 kg

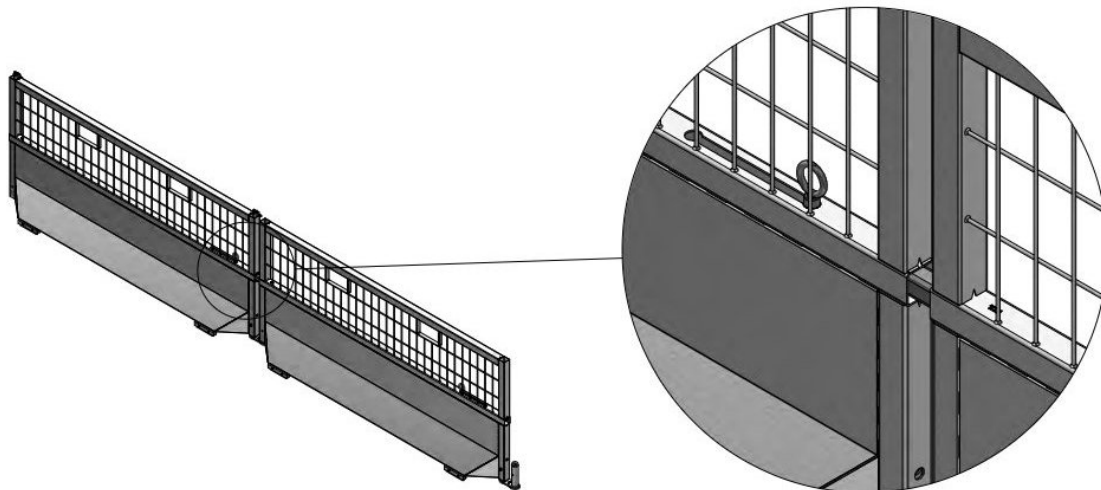
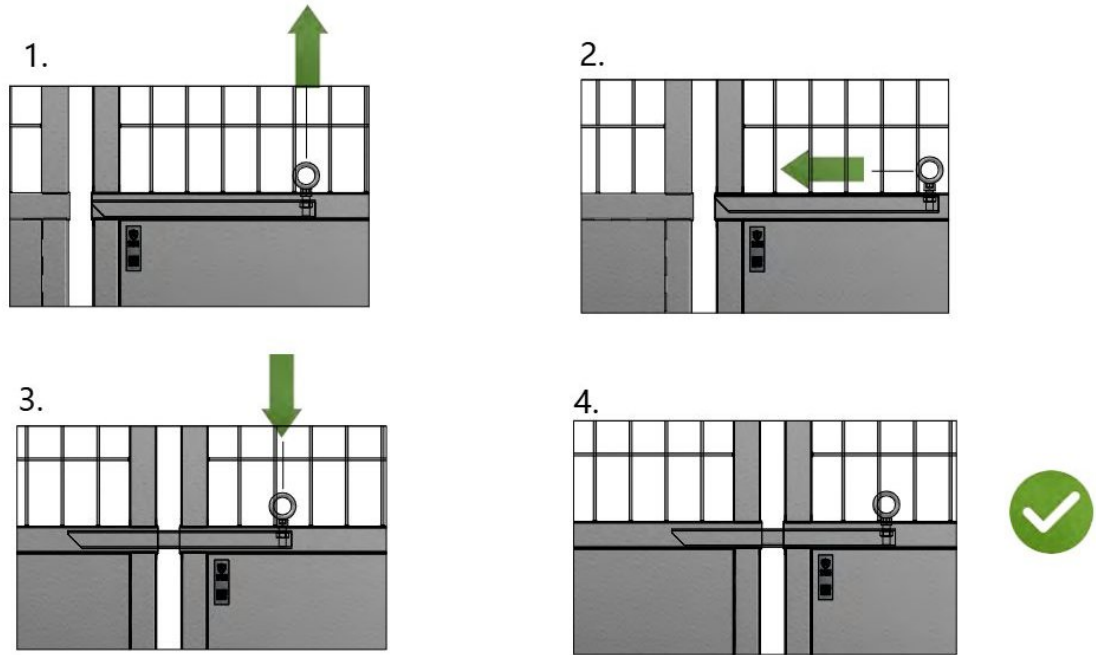


Installation

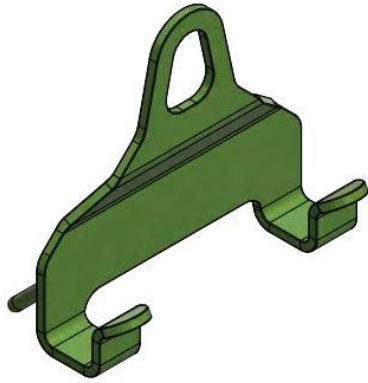


Straight sections

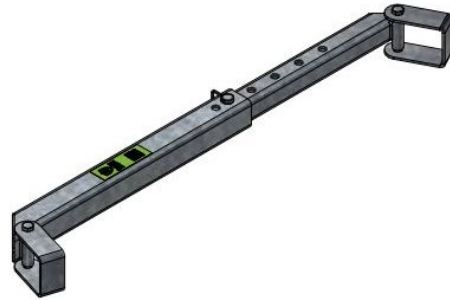
Locking Bar is activated when installing straight sections for increased strength and stability.



Accessories



City Lifting Hook
Art. nr 10200



Corner Beam
Art. nr 10078



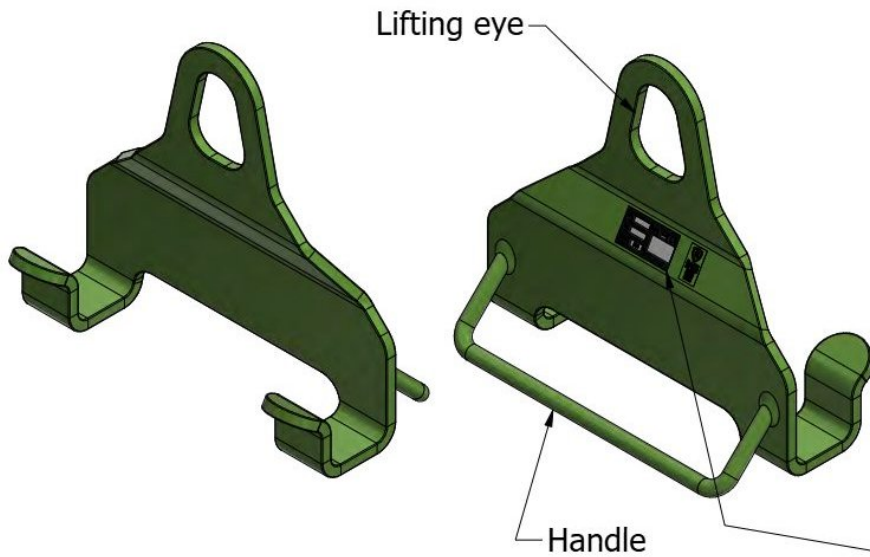
City GC Attachment
Art. nr 10120



City X3 Attachment
Art. nr 10125

Accessories

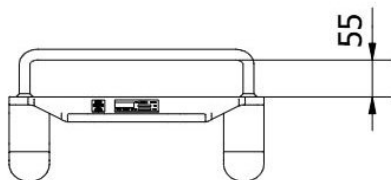
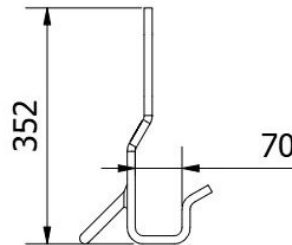
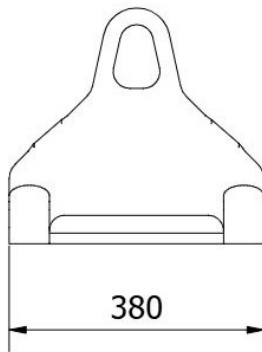
Lifting Hook



City Lifting Hook
Art. nr 10200
Max Lifting capacity 500 kg

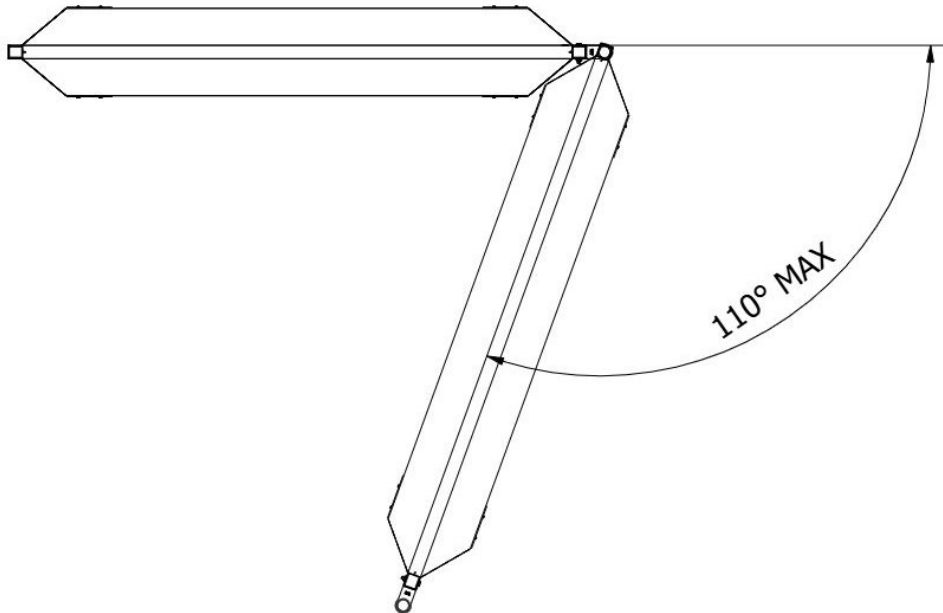
CE Enligt 2006/42/EG

kg 8,6 kg

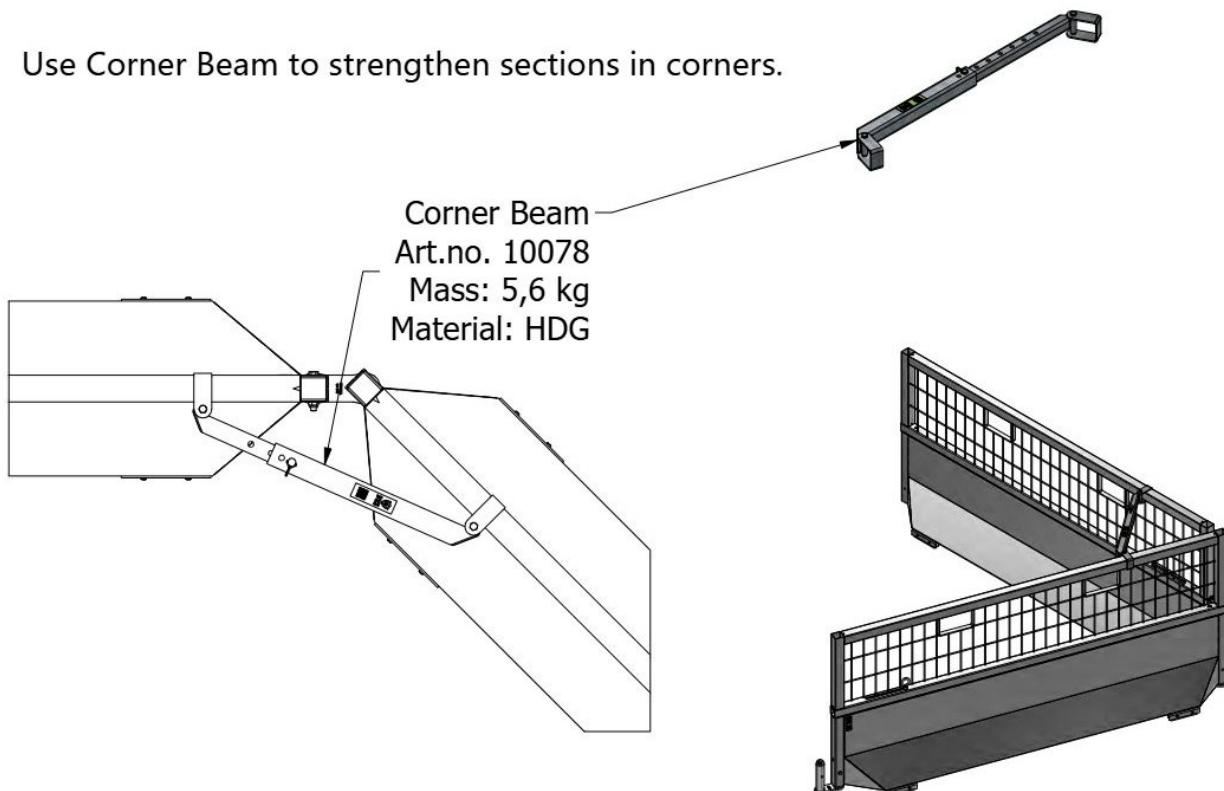


Accessories

Corners



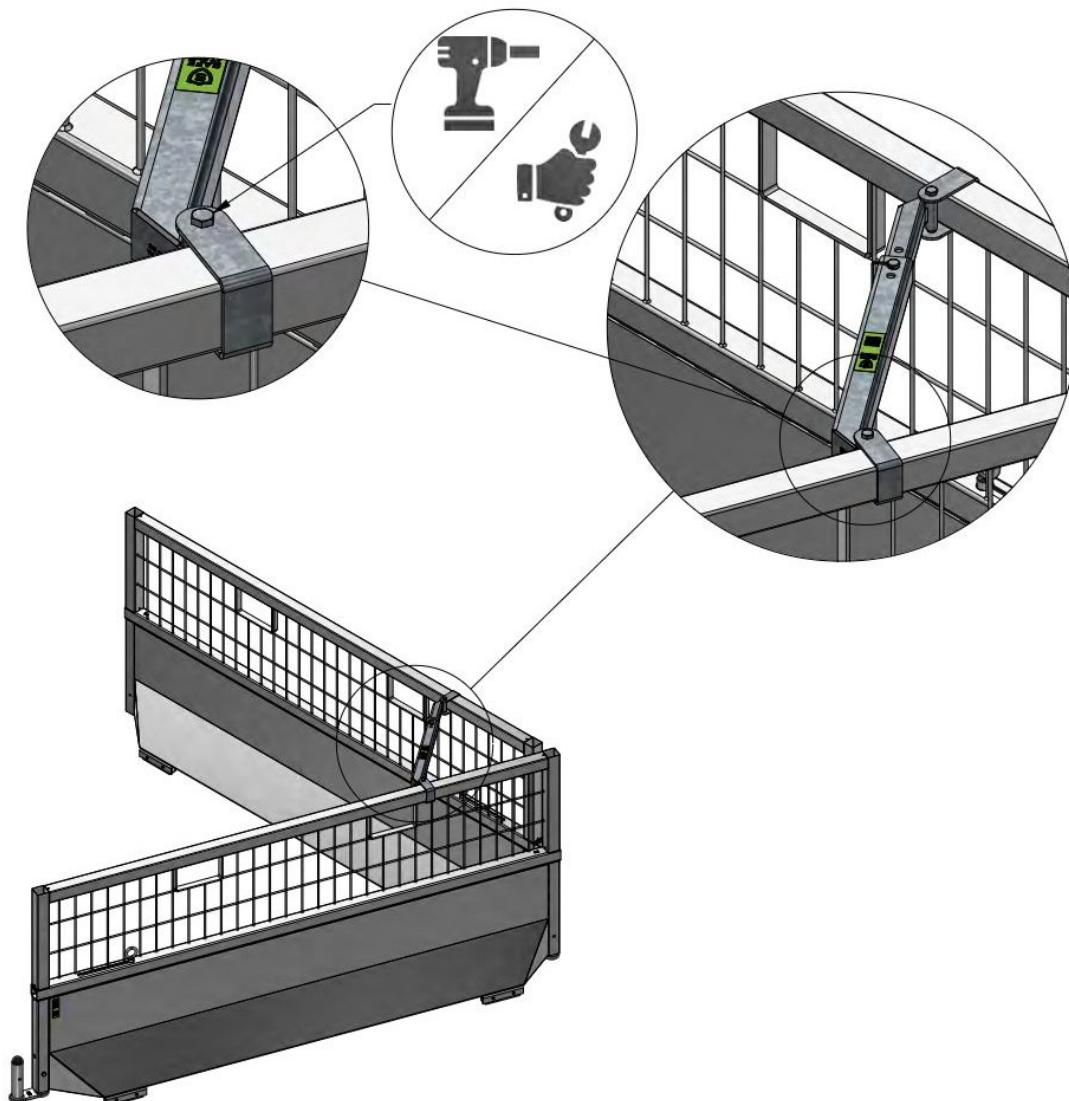
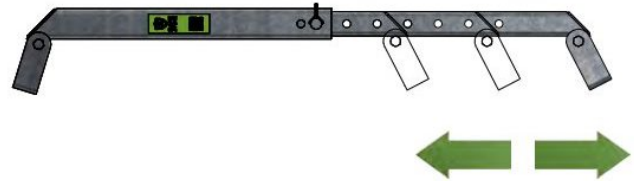
Use Corner Beam to strengthen sections in corners.



Accessories

Corners

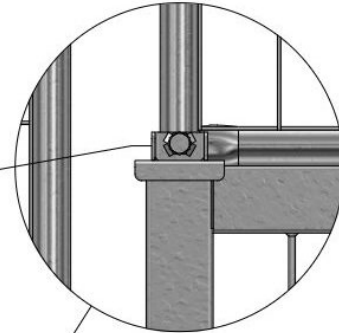
Adjust the size of the Corner Beam using the locking pins. Place it in the corner section and secure it.



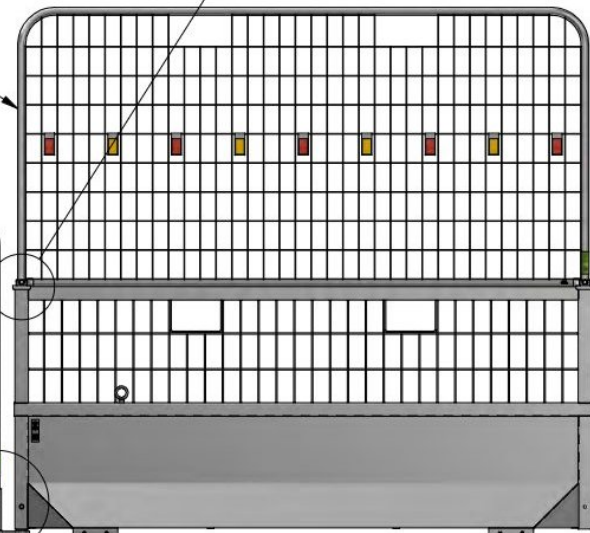
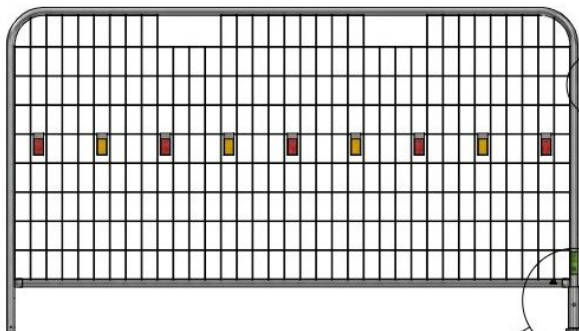
Accessories

City GC Attachment

City GC Attachment
Art.no. 10120
Mass: 0,5 kg
Material: HDG

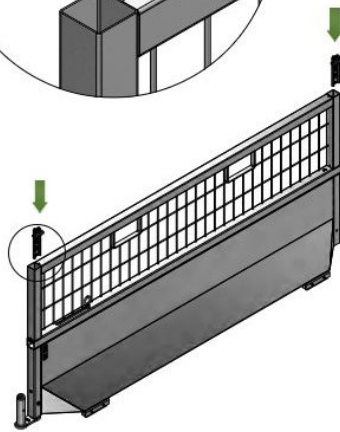
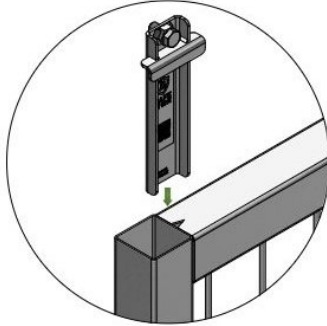


ProGuard GC Barrier
Art.no. 10000
Mass: 16,3 kg
Material: HDG

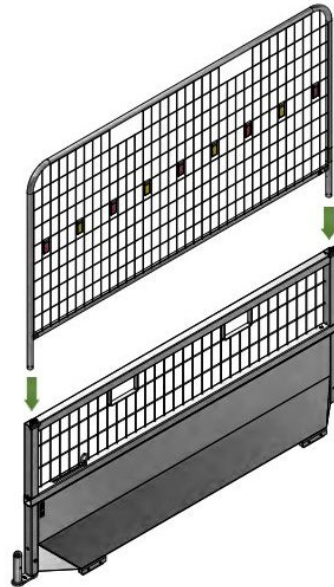


Accessories

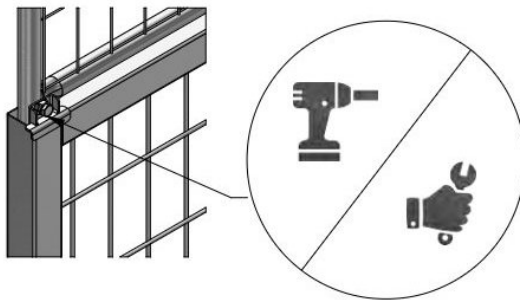
GC Barrier



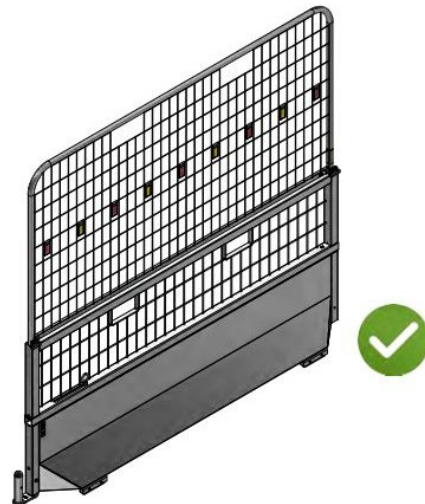
1.



2.



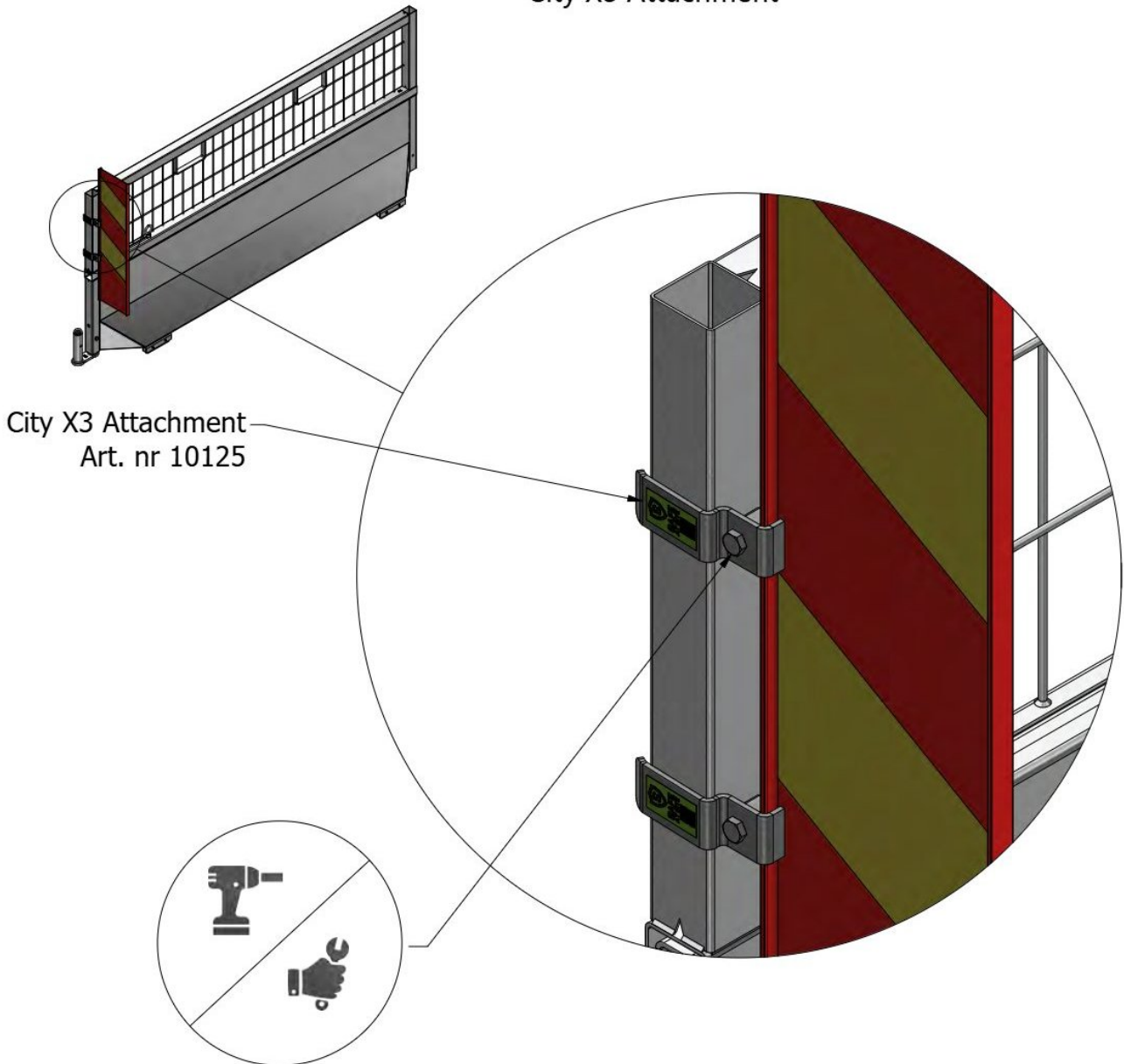
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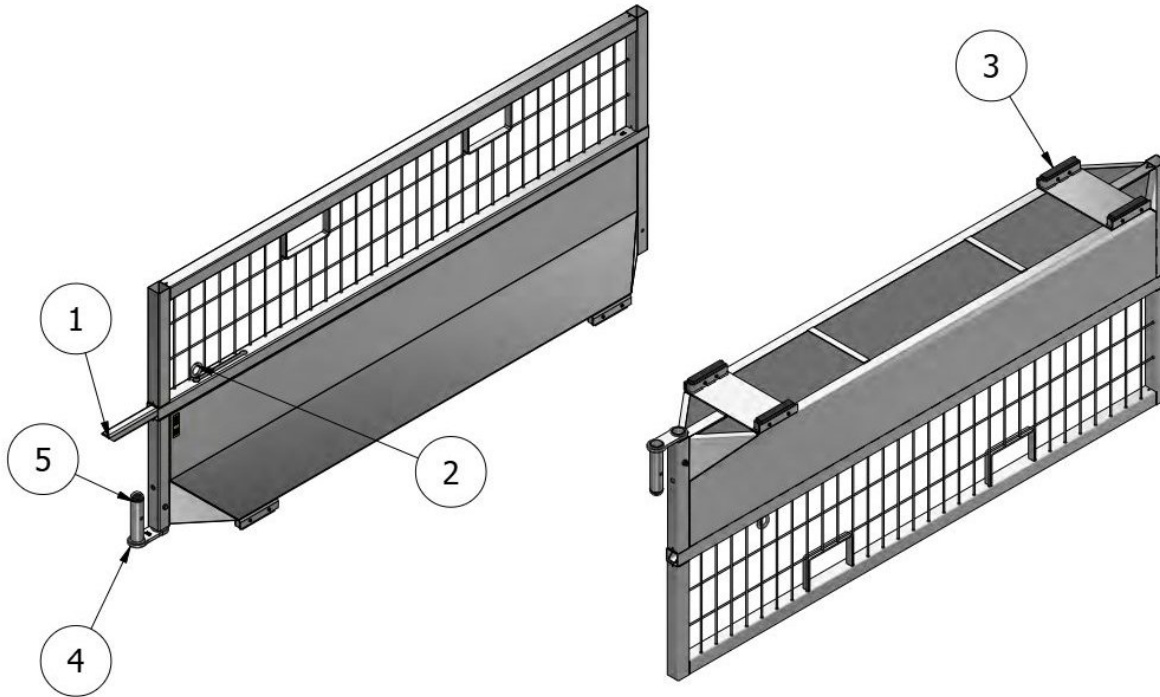
4.

Accessories

City X3 Attachment



Spare parts



NR.	PRODUCT	ART. NR.	MATERIAL
1	Locking Bar	10051	HDG
2	Eye Bolt	10052	HDG
3	Rubber Foot - 170 mm	10053	Rubber
4	Link	10054	HDG
5	Plastic Plug Ø48 mm,	90031	Polyethylene