

NERI



Urban Furniture

2025

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Nebula



The collection



Tables



TBNEB0000S000001



TBNEB0000S000003



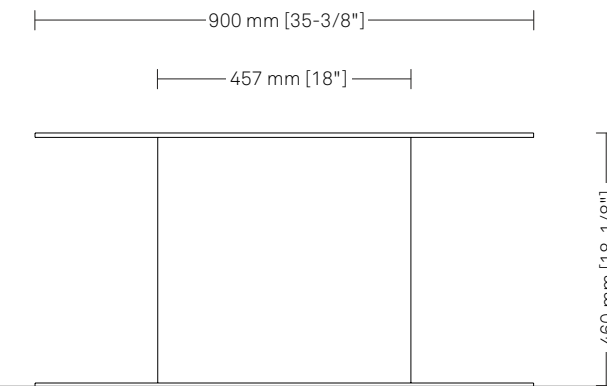
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NERI

TABLES
ARTICLE: TBNEB0000S000002
TECHNICAL SHEET

Table
Series: Nebula - Contemporary
Fixing: With anchor bolts

REV.00-2024/10/21



Product description

Table made of painted steel.

Series description

All products in Nebula series feature a smooth and essential design, which enables a wide range of use and easy combinations. The range consists of: bicycle rack, litter bin, planter, benches and tables.

Dimensions

Lenght

900 mm [35-3/8"]

Width

900 mm [35-3/8"]

Height

460 mm [18-1/8"]

Weight

100 kg [220.46lb]

Components

- Main frame in S235 steel (8 mm [3/8"] thick) with Qualicoat2 polyester powder coating cycles.
- PTFE (Teflon) feet.

Materials

- S235 Steel
- See the specific descriptions of the coating processes for the materials that make up the product.

Finishes

- The standard colours are:
Neri grey
- Other colours are available upon request.

Installation

See product installation guides.



Benches



BENEB0000S000002



BENEB0000S000003



BENEB0000S000004



BENEB0000S000005



BENEB0000S000006



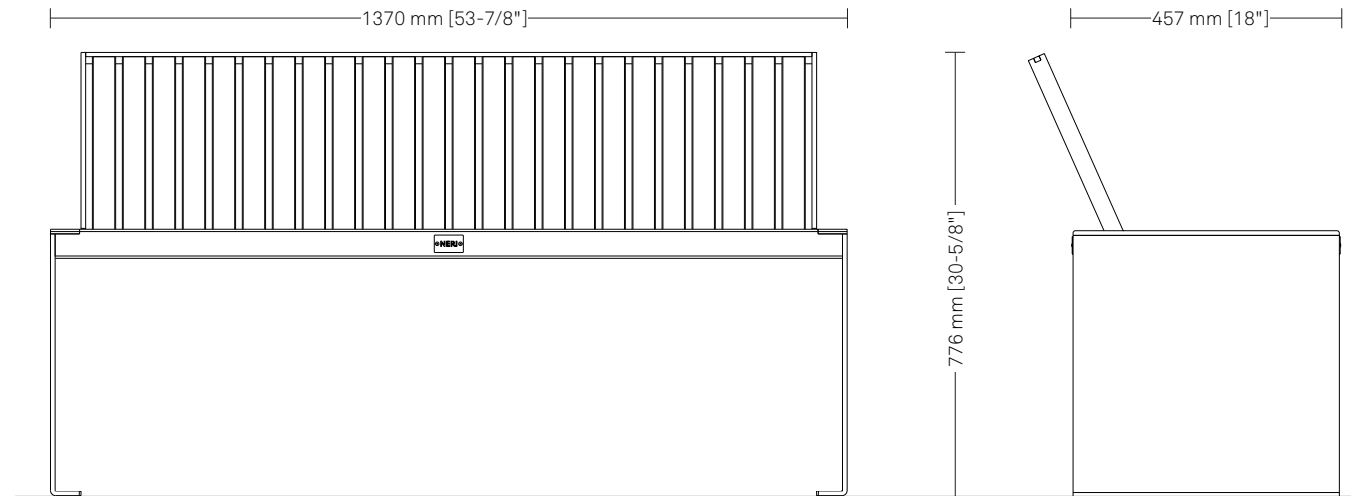
BENEB0000S000007

NERI

BENCHES
ARTICLE: BENEB0000S000004
TECHNICAL SHEET

Bench
Series: Nebula - Contemporary
Fixing: With anchor bolts

REV.00-2024/10/21



Product description

Bench composed of painted steel supports. Seat made of 100% ReMade in Italy® certified regenerable WPC.

Series description

All products in Nebula series feature a smooth and essential design, which enables a wide range of use and easy combinations. The range consists of: bicycle rack, litter bin, planter, benches and tables.

Dimensions

Length

1370 mm [53-7/8"]

Width

457 mm [18"]

Height

776 mm [30-5/8"]

Weight

85 kg [187.39 lb]

Components

- The bench lateral supports, 8 mm wide, made of S235 steel with Qualicoat2 polyester powder coating, designed for ground mounting.
- The seat is composed of a powder-coated S235 steel frame with 24 certified ReMade in Italy® WPC boards.
- PTFE (Teflon) feet.

Note

The product is pre-assembled.

Materials

- S235 Steel
- WPC
- See the specific descriptions of the coating processes for the materials that make up the product.

Finishes

- The standard colours are:
Structure: Neri grey
WPC: black
- Other colours are available upon request.

Accessories

- Kit of 4 adjustable black feet, code 0002.459.020.
- Kit of 4 adjustable stainless steel feet with floor mounting, code 0002.459.021.
- Lighting kit code OPNEB0000S000020: 3000K, cl.I.
- Lighting kit code OPNEB0000S000025: 3000K, cl.II.

Installation

See product installation guides.



Benches



STNEB0000S000001



STNEB0000S000002



STNEB0000S000003



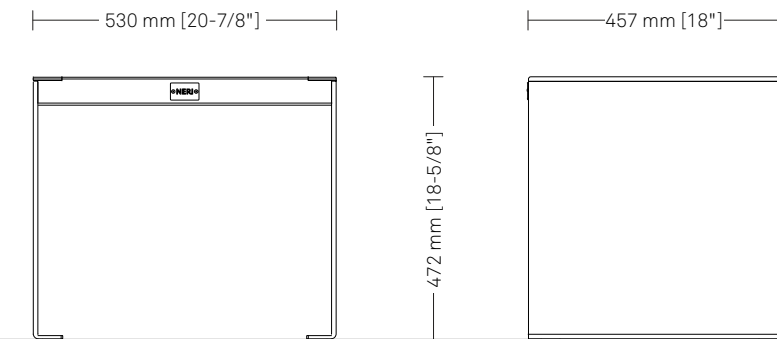
STNEB0000S000004

NERI

BENCHES
ARTICLE: STNEB0000S000002
TECHNICAL SHEET

Bench
Series: Nebula - Contemporary
Fixing: With anchor bolts

REV.00-2024/10/21



Product description

Bench composed of painted steel supports. Seat made of 100% ReMade in Italy® certified regenerable WPC.

Series description

All products in Nebula series feature a smooth and essential design, which enables a wide range of use and easy combinations.

The range consists of: bicycle rack, litter bin, planter, benches and tables.

Dimensions

Lenght

530 mm [20-7/8"]

Width

457 mm [18"]

Height

472 mm [18-5/8"]

Weight

45 kg [99.20lb]

Components

- The bench lateral supports, 8 mm wide, made of S235 steel with Qualicoat2 polyester powder coating, designed for ground mounting.
- The seat is composed of a powder-coated S235 steel frame with 8 certified ReMade in Italy® WPC boards.
- PTFE (Teflon) feet.

Note

The product is pre-assembled.

Materials

- S235 Steel
- WPC
- See the specific descriptions of the coating processes for the materials that make up the product.

Finishes

- The standard colours are:
Structure: Neri grey
WPC: wood color
- Other colours are available upon request.

Accessories

- Kit of 4 adjustable black feet, code 0002.459.020.
- Kit of 4 adjustable stainless steel feet with floor mounting, code 0002.459.021.

Installation

See product installation guides.



Planters



PTNEB0000S000001



PTNEB0000S000003



PTNEB0000S000002



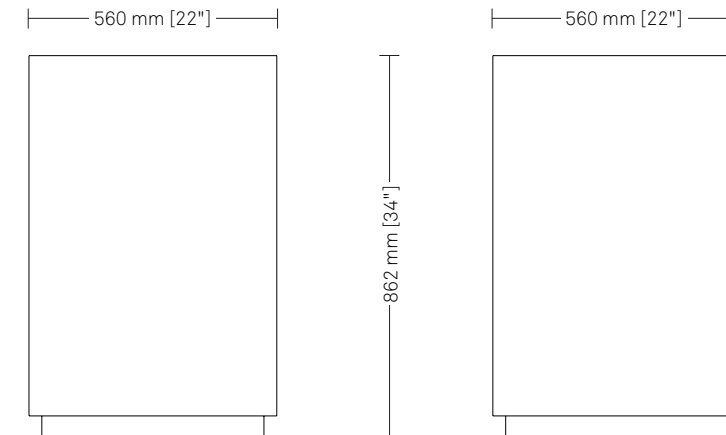
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NERI

PLANTERS
ARTICLE: PTNEB0000S000002
TECHNICAL SHEET

Planter
Series: Nebula - Contemporary
Fixing: With anchor bolts

REV.00-2024/10/21



Product description

Round-based planter made of painted stainless steel with three self-levelling feet to adapt to the floor.

Series description

All products in Nebula series feature a smooth and essential design, which enables a wide range of use and easy combinations.

The range consists of: bicycle rack, litter bin, planter, benches and tables.

Dimensions

Length

560 mm [22"]

Width

560 mm [22"]

Height

862 mm [34"]

Capacity

197 lt [52.04gal]

Weight

24 kg [52.91lb]

Components

- Main body with reinforced base composed of Stainless steel Aisi 430 (2 mm [5/64"] thick) with Qualicoat2 polyester powder coating cycles.
- The planter is equipped with three self-levelling feet to adapt to the floor.

Materials

- Stainless steel Aisi 430
- See the specific descriptions of the coating processes for the materials that make up the product.

Finishes

- The standard colours are: Neri grey
- Other colours are available upon request.

Accessories

- Upward and/or downward lighting kit:
code OPNEB0000S000017: 3000K, cl.I - single lighting
code OPNEB0000S000018: 3000K, cl.I - double lighting
code OPNEB0000S000022: 3000K, cl.II - single lighting
code OPNEB0000S000023: 3000K, cl.II - double lighting
- Neri factory-assembled kits.

Installation

See product installation guides.



Litter bin



LBNEB0000S000001

Bicycle rack



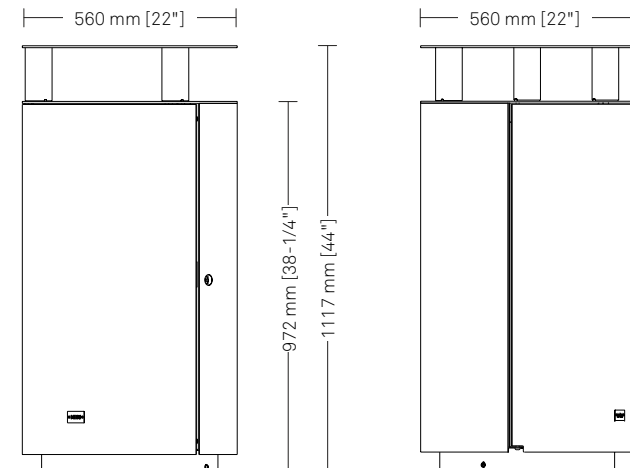
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NERI

LITTER BINS
ARTICLE: LBNEB0000S000001
TECHNICAL SHEET

Litter bin
Series: Nebula - Contemporary
Fixing: With anchor bolts

REV.00-2024/10/21



Product description

Round-based litter bin in painted stainless steel. Fixed lid with front hinged opening with large door via lock on the front of the bag retainer.

Series description

All products in Nebula series feature a smooth and essential design, which enables a wide range of use and easy combinations. The range consists of: bicycle rack, litter bin, planter, benches and tables.

Dimensions

Length

560 mm [22"]

Width

560 mm [22"]

Height

1117 mm [44"]

Capacity

90 lt [23.77gal]

Weight

52 kg [114.64lb]

Components

- Main frame in stainless steel Aisi 430 (1.5 mm [4/64"] thick) with Qualicoat2 polyester powder coating cycles.
- Fixed lid with front hinge opening via a wide door.
- Locking with anti-vandalism key lock.
- Internal container in S235 steel for the removable bag.

Materials

- S235 Steel
- Stainless steel Aisi 430
- See the specific descriptions of the coating processes for the materials that make up the product.

Finishes

- The standard colours are:
Neri grey
- Other colours are available upon request.

Installation

See product installation guides.

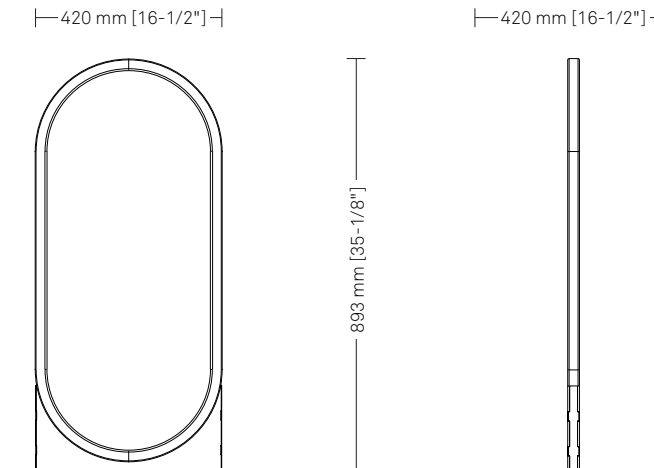


NERI

BICYCLE RACK
ARTICLE: BRNEB0000S000001
TECHNICAL SHEET

Bicycle rack
Series: Nebula - Contemporary
Fixing: With anchor bolts

REV.00-2024/10/21



Product description

Bicycle rack made of painted steel.

Series description

All products in Nebula series feature a smooth and essential design, which enables a wide range of use and easy combinations. The range consists of: bicycle rack, litter bin, planter, benches and tables.

Dimensions

Length

420 mm [16-1/2"]

Width

420 mm [16-1/2"]

Height

893 mm [35-1/8"]

Weight

13 kg [28.66lb]

Components

Rectangular profile structure of 25 mm with an oval shape made of S235 steel, finished with Qualicoat2 polyester powder coating cycles.

Note

The product can be used both as a railing and as a bicycle rack.

Materials

- S235 Steel
- See the specific descriptions of the coating processes for the materials that make up the product.

Finishes

- The standard colours are:
Neri grey
- Other colours are available upon request.

Fixing

The plate is equipped with 4 countersunk holes for ground fixing. The anchor bolts are not provided.

Installation

See product installation guides.





Pictor



The collection



Benches



BEPIC0000S000001
BEPIC0000S000006



BEPIC0000S000004
BEPIC0000S000012



BEPIC0000S000003
BEPIC0000S000011



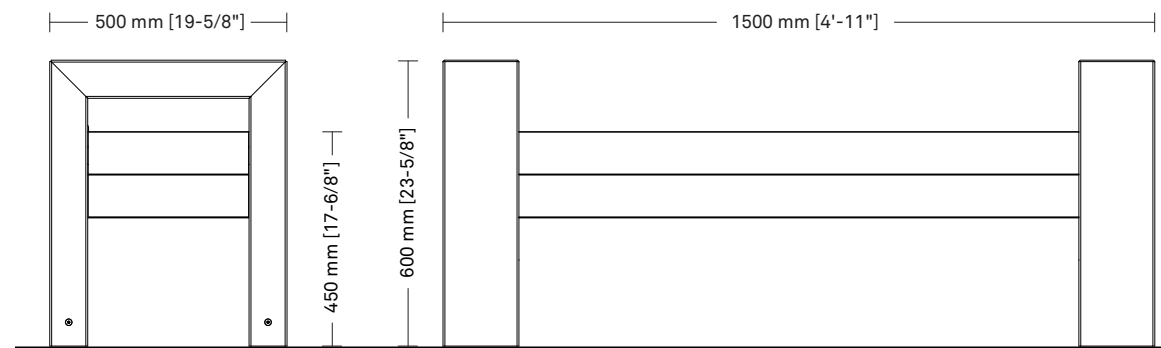
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BEPIC0000S000014

NERI

BENCHES
ARTICLE: BEPIC0000S000003
DATA SHEET

Bench
Series: Pictor – Contemporary
Category: Wood
Fixing: Fixed with anchor bolts

REV.00-2022/10/17



Product description

Bench composed of painted steel supports. Seat made of 100% ReMade in Italy® certified regenerable WPC.

Series description

All products in Pictor series feature a smooth and essential design, which enables a wide range of use and easy combinations.

The range consists of: bollard, bike rack, litter bin, planter.

Dimensions

Length

1.500 mm [4' 11"]

Width

500 mm [19 5/8"]

Height

600 mm [23 5/8"]

Weight

100 kg [220.4 lb]

Components

The side bench armrests (160 mm wide) are composed of S235 steel with Qualicoat2 polyester powder coating cycles, equipped with AISI 430 stainless steel fixing brackets.

The seat is composed of a powder-coated S235 steel frame with pre-assembled 1200 mm [3' 11 1/4"] long ReMade in Italy® certified WPC wooden slats; the seat is equipped with n.6 stainless steel screws per side for fixing to the bench supports.

Note

The wooden slats are already pre-assembled to the frame.

Materials

- S235 Steel
- Stainless steel Aisi 430
- WPC

See the specific descriptions on the painting cycles of the materials that make up the product.

Finishes

The standard colours are:

- Neri Grey
- Corten

Other colours are available upon request.

Installation

See product installation guides.



Planters



PTPIC0000S000001



PTPIC0000S000003



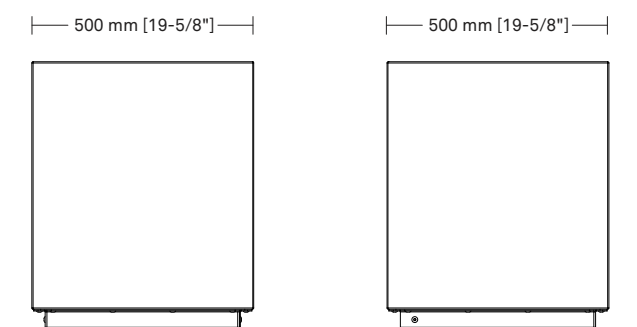
PTPIC0000S000002

NERI

PLANTERS
ARTICLE: PTPIC0000S000002
DATA SHEET

Planter
Series: Pictor – Contemporary

REV.00-2022/10/17



Product description

Square-based planter made of painted stainless steel with four self-levelling feet to adapt to the floor.

Series description

All products in Pictor series feature a smooth and essential design, which enables a wide range of use and easy combinations.

The range consists of: bollard, bike rack, litter bin, planter.

Dimensions

Length

500 mm [19 5/8"]

Width

500 mm [19 5/8"]

Height

600 mm [23 5/8"]

Capacity

135 l [35.6 gal]

Weight

28 kg [61.7 lb]

Components

Main body with reinforced base composed of Stainless steel Aisi 430 (2 mm [5/64"] thick) with Qualicoat2 polyester powder coating cycles. The structure is fixed to a steel base (Stainless steel Aisi 304, 2 mm [5/64"] thick) with a Scotch Brite finish. The planter is equipped with four self-levelling feet to adapt to the floor.

Materials

- Stainless steel Aisi 304
- Stainless steel Aisi 430
See the specific descriptions on the painting cycles of the materials that make up the product.

Finishes

The standard colours are:
- Neri Grey
- Corten
Other colours are available upon request.

Installation

See product installation guides.



Litter bins



LBPIC0000S000001
LBPIC0000S000002



LBPIC0000S000013
LBPIC0000S000014



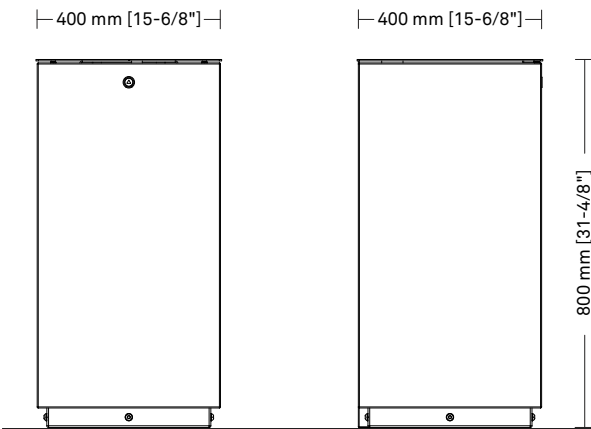
LBPIC0000S000004
LBPIC0000S000005

NERI

LITTER BINS
ARTICLE: LBPIC0000S000004
DATA SHEET

Litter bin
Serie: Pictor – Contemporary

REV.00-2022/10/17



Product description

Square-based litter bin in painted stainless steel. Lockable hinged opening. Stainless steel inner bag holder with hinge and elastic band for easy attachment and removal.

Series description

All products in Pictor series feature a smooth and essential design, which enables a wide range of use and easy combinations.
The range consists of: bollard, bike rack, litter bin, planter.

Dimensions

Lenght

400 mm [15 6/8"]

Width

400 mm [15 6/8"]

Height

800 mm [31 4/8"]

Capacity

120 l [31.7 gal]

Weight

29 kg [63.9 lb]

Components

Main frame in stainless steel Aisi 430 (1.5 mm [4/64"] thick) powder-coated with Qualicoat2 polyester fixed to a base in stainless steel Aisi 304 with Scotch Brite finish (2 mm [5/64"] thick).
Inside the basket there is a stainless steel bag holder (3 mm [8/64"] thick) which can rotate to facilitate bag installation and removal.
An elastic cord is attached to the bag holder in order to secure the bag.
The body is equipped with a vandal-resistant key.
Stainless steel frame (3 mm [8/64"] thick) powder-coated with Qualicoat2 polyester mounted with two screws inside the main body, allowing it to serve as an interchangeable lid for recycling.
Stainless steel cap (3 mm [8/64"] thick) on top.

Materials

- Stainless steel Aisi 304
- Stainless steel Aisi 430

See the specific descriptions on the painting cycles of the materials that make up the product.

Finishes

The standard colours are:

- Neri Grey
- Corten

Other colours are available upon request.

Installation

See product installation guides.



Bollard



DIPIC0000S000001

Bicycle rack



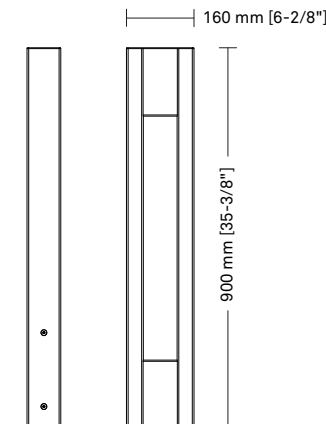
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NERI

BOLLARDS
ARTICLE: DIPIC0000S000001
DATA SHEET

Bollard
Series: Pictor – Contemporary
Fixing: Fixed with anchor bolts

REV.00-2022/10/17



Product description

Bollard / bicycle rack made of painted steel.

Series description

All products in Pictor series feature a smooth and essential design, which enables a wide range of use and easy combinations.

The range consists of: bollard, bike rack, litter bin, planter.

Dimensions

Length

80 mm [3 1/8"]

Width

160 mm [6 2/8"]

Height

900 mm [35 3/8"]

Weight

13 kg [28.6 lb]

Components

Structure made of S235 steel with Qualicoat2 polyester powder coating cycles, equipped with two AISI 430 stainless steel ground-perforated fixing brackets. One of the two supports is designed to allow the passage of the chain for fixing the bicycle.

Note

The product can be used both as a bollard and as a bicycle rack.

Materials

- Stainless steel Aisi 304
- Stainless steel Aisi 430

See the specific descriptions on the painting cycles of the materials that make up the product.

Finishes

The standard colours are:

- Neri Grey
- Corten

Other colours are available upon request.

Installation

See product installation guides.

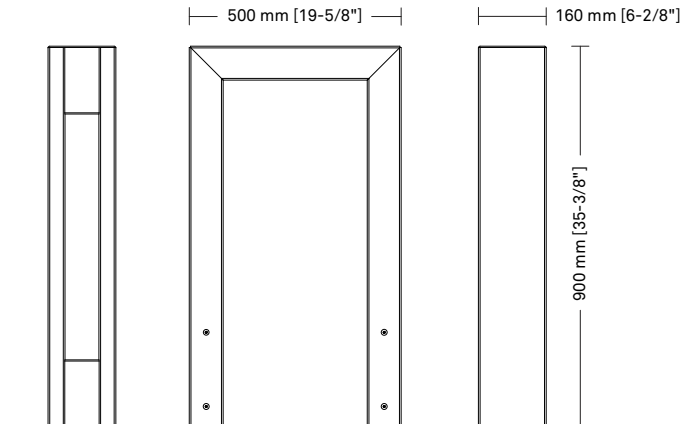


NERI

BICYCLE RACKS
ARTICLE: BRPIC0000S000001
DATA SHEET

Bicycle rack
Series: Pictor – Contemporary
Fixing: Fixed with anchor bolts

REV.00-2022/10/17



Product description

Bicycle rack / railing made of painted steel.

Series description

All products in Pictor series feature a smooth and essential design, which enables a wide range of use and easy combinations.

The range consists of: bollard, bike rack, litter bin, planter.

Dimensions

Length

745 mm [29 3/8"]

Width

745 mm [29 3/8"]

Height

680 mm [26 6/8"]

Weight

29 kg [63.9 lb]

Components

Structure made of S235 steel with Qualicoat2 polyester powder coating cycles, equipped with two AISI 430 stainless steel ground-perforated fixing brackets. One of the two supports is designed to allow the passage of the chain for fixing the bicycle.

Note

The product can be used both as a railing and as a bicycle rack.

Materials

- Stainless steel Aisi 304
- Stainless steel Aisi 430

See the specific descriptions on the painting cycles of the materials that make up the product.

Finishes

The standard colours are:

- Neri Grey
- Corten

Other colours are available upon request.

Installation

See product installation guides.

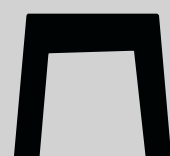




Brenta



The collection



Benches



Brenta S



Brenta L

NERI

Brenta
Illuminated bench
Size S

Fixing: On ground

Technical sheet
Rev. 04 - 2024/03/18

DESCRIPTION

Compliance

- In compliance with: EN 60598-1; EN 60598-2-3; EN 62031; EN 61347; EN 55015; EN 61000-3-2; EN 61000-3-3; EN 61547; UL 1598; FCC CFR-47; ANSI C.62.41.



Mechanical informations

Height	Width	Lenght	Weight	IP	IK	Area exposed to wind
500 mm	537 mm	537 mm	72 Kg	55	08	0,12 m ²

Electrical characteristics

Voltage	Frequency	Cos φ	Insulation Class	Operative Temp.
120-277V	50-60Hz	>0,9	CL II	-35°C / +40°C

Fixing

- On the ground

Materials

- Concrete (NeriConcrete)
- Stainless steel fastening elements.

NERI CONCRETE

Features

NeriConcrete is an HPC concrete (High Performance Concrete), resistant to bending and compression as shown in the table below:

Performance

Flexural strength, EN 1015-11	a 28gg	MPa	13
Compressive strength, EN 1015-11	a 28gg	MPa	75

Realization

NeriConcrete is a flexible mixture able to adapt to any type of mold, obtained by mixing:

- Powders and concrete components;
- Polymeric fibers;
- Colored pigments;
- Water.

Impermeability

The surface treatment makes NeriConcrete water repellent and anti-stain.

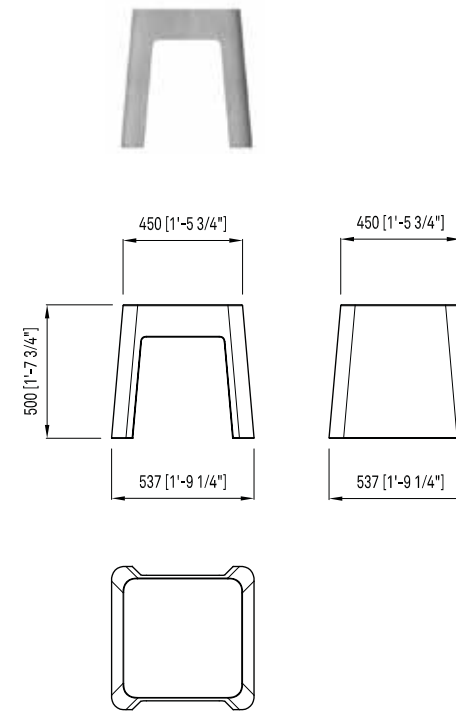
Operations and maintenance

Use a soft cloth dampened with water and neutral detergents for routine cleaning. Do not use power washing, sandblasting, brushing and scraping, denaturated alcohol, products containing bleach or highly basic pH.

Finish

- Concrete
- The smooth finish is the result of a very fluid mixture and the quality and type of the molds used.

DRAWINGS



NERI

Brenta
Planter
Size L

Fixing: On ground

Technical sheet
Rev. 04 - 2024/03/18

DESCRIPTION

Compliance

- In compliance with: EN 60598-1; EN 60598-2-3; EN 62031; EN 61347; EN 55015; EN 61000-3-2; EN 61000-3-3; EN 61547; UL 1598; FCC CFR-47; ANSI C.62.41.



Mechanical informations

Height	Width	Lenght	Weight	IP	IK	Area exposed to wind
945 mm	507 mm	507 mm	100 Kg	55	08	0,47 m ²

Electrical characteristics

Voltage	Frequency	Cos φ	Insulation Class	Operative Temp.
120-277V	50-60Hz	>0,9	CL II	-35°C / +40°C

Fixing

- On the ground

Materials

- Concrete (NeriConcrete)
- Stainless steel fastening elements.

NERI CONCRETE

Features

NeriConcrete is an HPC concrete (High Performance Concrete), resistant to bending and compression as shown in the table below:

Performance

Flexural strength, EN 1015-11	a 28gg	MPa	13
Compressive strength, EN 1015-11	a 28gg	MPa	75

Realization

NeriConcrete is a flexible mixture able to adapt to any type of mold, obtained by mixing:

- Powders and concrete components;
- Polymeric fibers;
- Colored pigments;
- Water.

Impermeability

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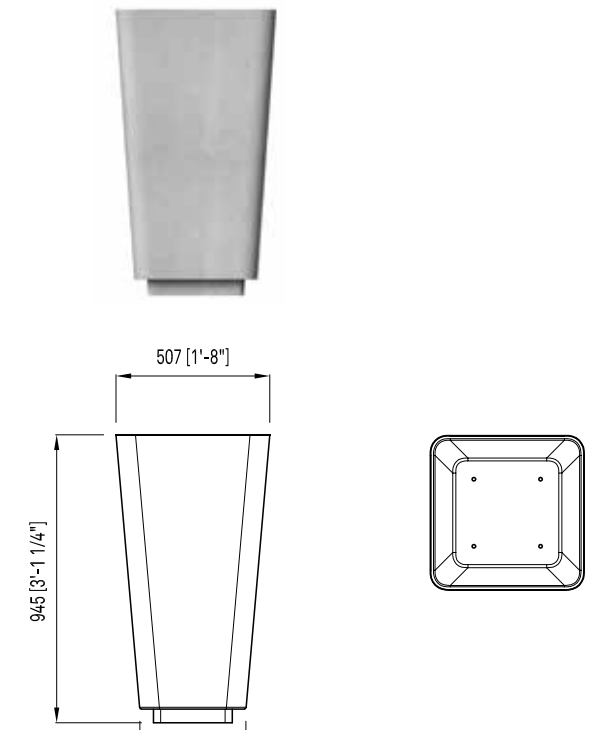
Operations and maintenance

Use a soft cloth dampened with water and neutral detergents for routine cleaning. Do not use power washing, sandblasting, brushing and scraping, denaturated alcohol, products containing bleach or highly basic pH.

Finish

- Concrete
- The smooth finish is the result of a very fluid mixture and the quality and type of the molds used.

DRAWINGS



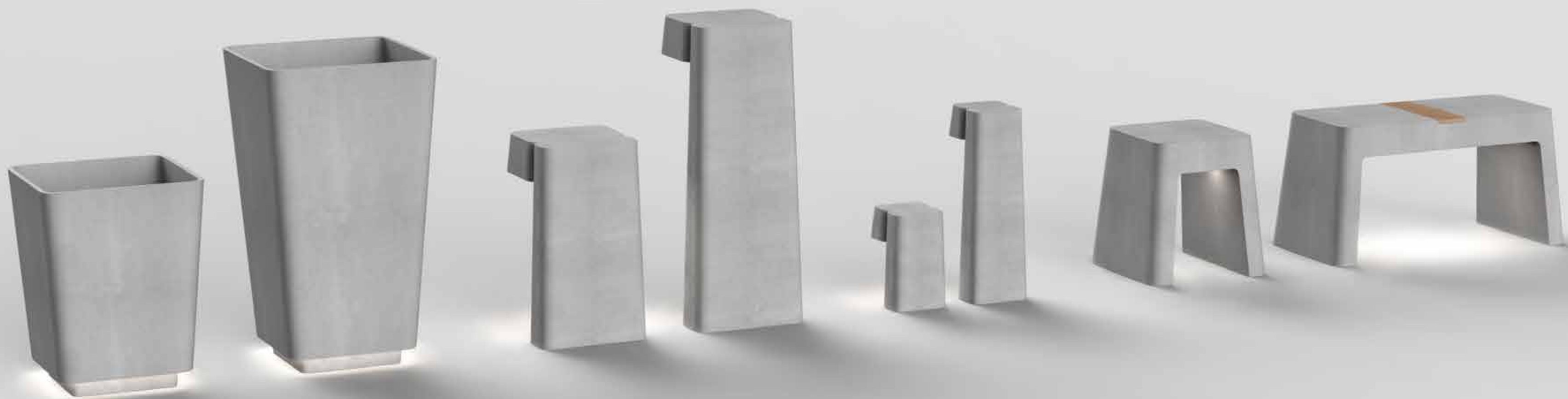
Planters



Brenta M



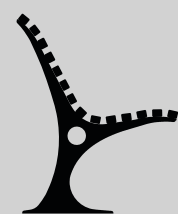
Brenta L



Saiph



The collection



Bench



2147.002

Litter bins



2277.001
2277.002

ARTICLE: 2147.002

TECHNICAL DESCRIPTION - Rev. A - December 2006

Description

Fixed bench in UNI EN 1563 nodular cast iron and iroko wood (or equivalent) brown colour, corresponding in shape, size and ornamentation to the diagrams, which are an integral part of the specifications.

The bench is composed as follows:

1°) Two bench support elements in cast iron, height 80 cm, length 66 cm. Each element has two fixing lugs (A) height 12 cm, width 5 cm, with a distance between centres of 25 cm, for the wooden planks of the seat and backrest.

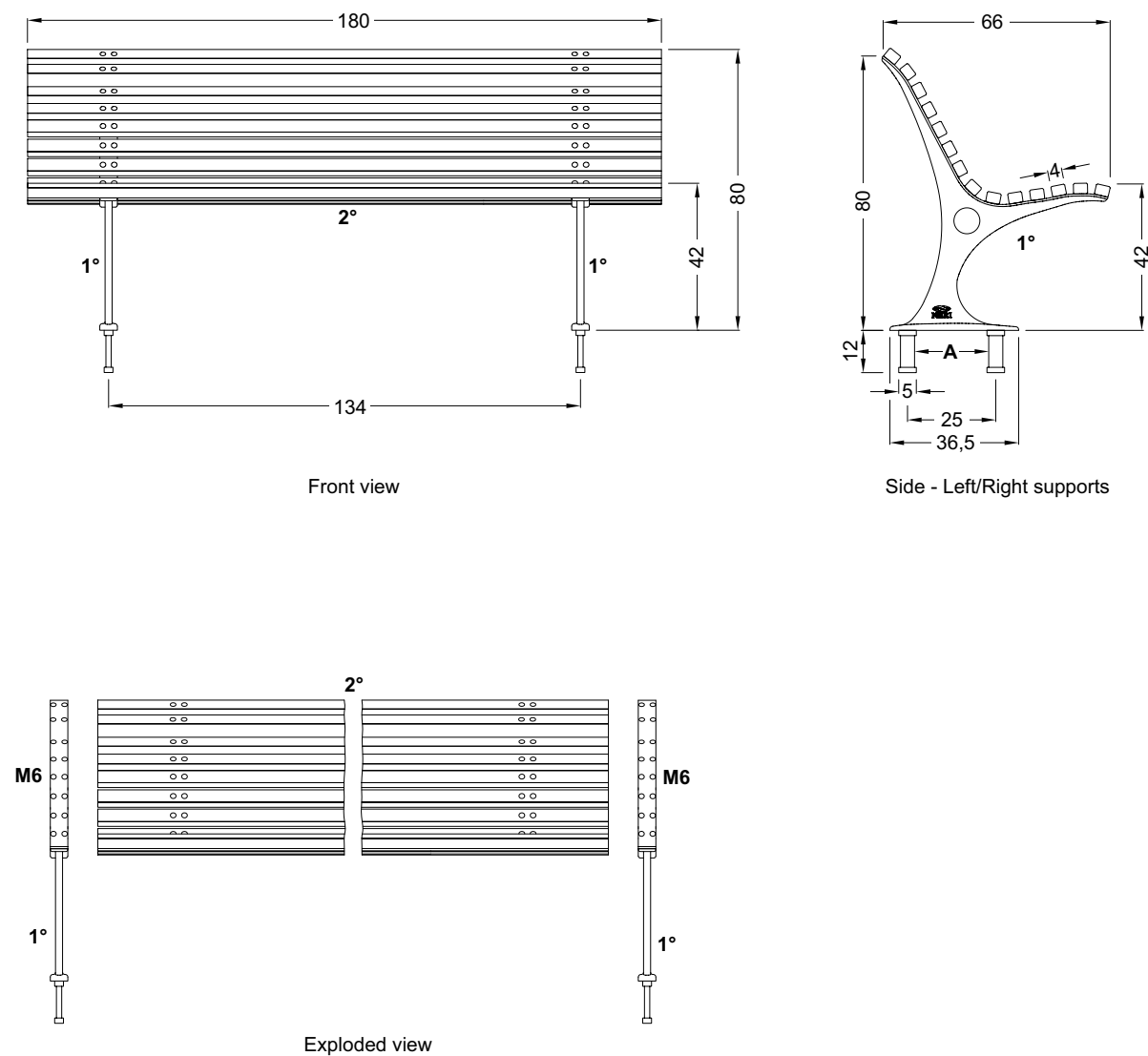
2°) A seat composed of 14 planks of solid seasoned iroko wood (or equivalent), length 180 cm, width 4 cm each and thickness 3.5 cm. Each plank is fixed to the support elements 1 with four M6 stainless steel bolts.

The assembled bench has the following dimensions:

total height 80 cm – total length 180 cm – total depth 66 cm – distance between centres of supports 134 cm – seat height 42 cm – backrest height 80 cm – angle between seat and backrest 108°.

Protection of surfaces

Please refer to the specification on painting procedures of the materials.



ARTICLE: 2277.001

TECHNICAL DESCRIPTION - Rev. A - October 2005

Description

Litter bin in cast primary aluminium alloy UNI EN 1706 and steel sheet hot-galvanized to UNI EN ISO 1461 standards, corresponding in shape, size and ornamentation to the diagrams, which are an integral part of the specifications. The litter bin is composed as follows:

1°) A circular base in cast aluminium (height 12 cm, diam 38,6 cm) suitable for the insertion of three stainless steel M12 (A) placed at an angle of 120° to each other, as anchor bolts;

2°) A bin in hot galvanized drawn sheet steel, thickness 20/10, height 59 cm, fixed to the base (1°) with four stainless steel M8. The bottom of the bin has three holes (diam. cm 3) that allow water to drain away.

3°) Three lateral uprights in cast aluminium. Each upright is fixed to the bin (2°) with three stainless steel M6;

4°) A stainless steel ring to hold the sac;

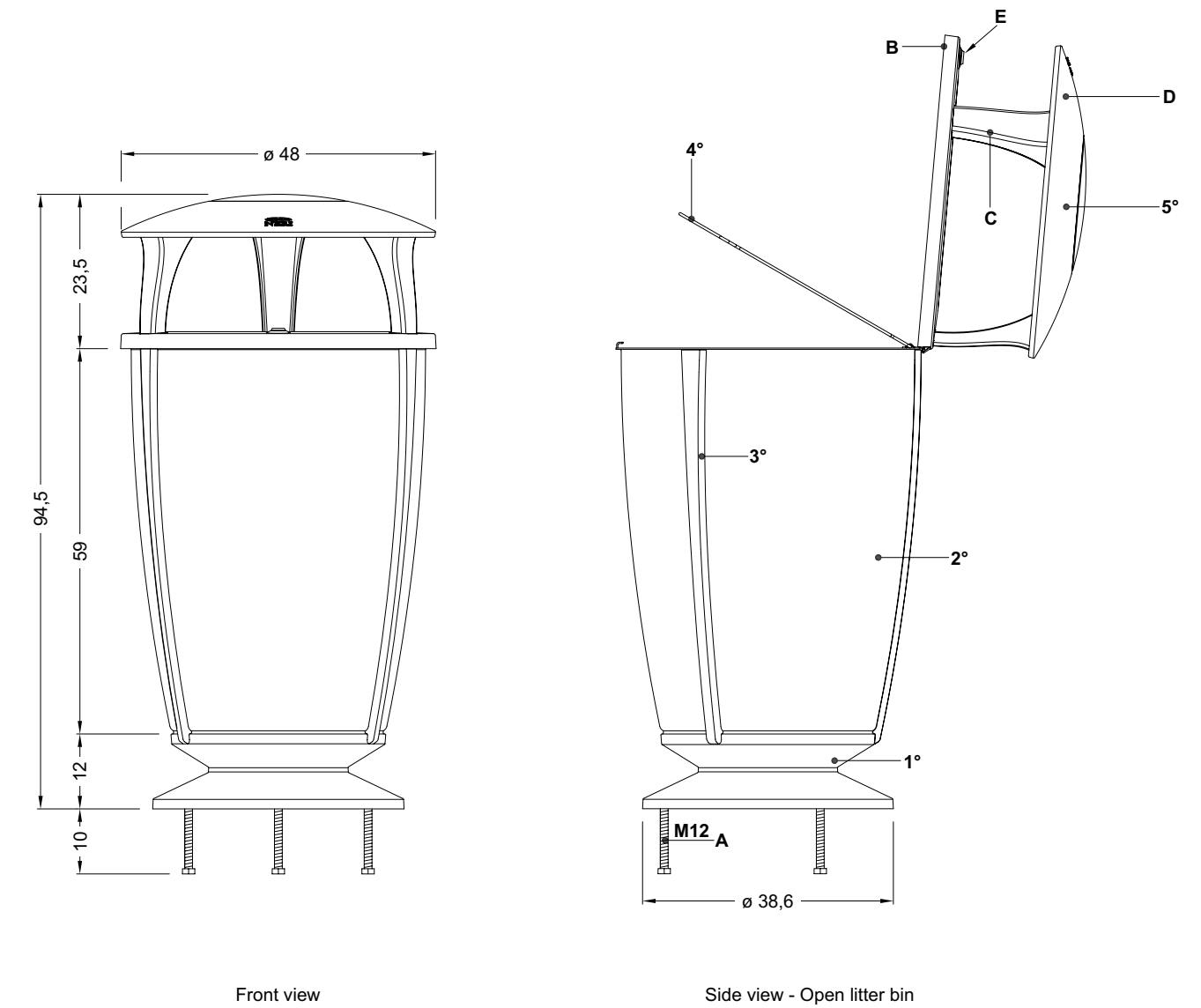
5°) An upper element in cast aluminium (height 23.5 cm, diam. 48 cm), composed of a ring (B), three uprights (C) and a cover (D). The upper element is hinged to the bin (2°) and has a closing device with key (E).

The total height of the litter bin is 94,5 cm.

The bin can hold 75 litres of litter.

Protection of surfaces

Please refer to the specification on painting procedures of the materials.





Chara



The collection



Bench



2109.002.018

Litter bins



2278.000.002
2278.000

BENCHES **NERI**
SIGN FOR THE FUTURE

ARTICLE: 2109.002.018 TECHNICAL DESCRIPTION - Rev. A - May 2009

Description
Fixed bench in UNI EN 1563 nodular cast iron and iroko wood (or equivalent) brown colour, corresponding in shape, size and ornamentation to the diagrams, which are an integral part of the specifications.
The bench is composed as follows:
1°) Two cast iron support elements, height 75 cm, width 67 cm. Each element has two holes (B - diam. 1.3 cm) for fixation with anchor bolts (not supplied).
2°) A seat composed of 9 planks of solid seasoned iroko wood (or equivalent), length 180 cm and with two of them radial. Each plank is provided with two threaded bush for fixing to the support elements (1°) with two M6 stainless steel bolts (A).
3°) A reinforcement shaped bracket in galvanized steel sheet (thickness 3 mm), fixed centrally in the back by nine M4 screws.
The assembled bench has the following dimensions:
total height 75 cm – total length 188 cm – total width 67 cm – distance between centres of supports 180 cm – seat height 44 cm – backrest height 75 cm – angle between seat and backrest 100°.

Note
For the installation a suitable foundation plinth must be provided with right sizes, for fixing the two nodular cast iron support elements with stainless steel M10 threaded rods (not supplied).

Protection of surfaces
Please refer to the specification on painting procedures of the materials.

© 2009 NERI S.p.A. cm 1:20

DIOGENE LITTER BIN **NERI**
SIGN FOR THE FUTURE

ARTICLE: 2278.000.002 TECHNICAL DESCRIPTION - Rev. A - July 2007

Description
Litter bin with ashtray in S235J UNI EN 10219-1 steel, steel sheet, UNI EN 1706 aluminium and AISI 304 steel, hot-galvanized to UNI EN ISO 1461 standards, corresponding in shape, size and ornamentation to the diagrams, which are an integral part of the specifications.
The litter bin is composed as follows:
1°) A support tube in steel, height 90 cm, with a conical form (lower diam. 8.0 cm, top diam. 6.0 cm), with a fixing lug height 20 cm for cementing into the foundation plinth.
2°) A steel decorative element with an inclined cut, fixed on the top of the support tube (1°). Shapes and sizes are as shown in the diagram.
3°) A bin in sheet steel, thickness 15/10 mm, height 55 cm, with a conical form (lower diam. 19 cm, top diam. 37 cm). The bin is fixed at two points: at the bottom with a hinged bracket (B) that allows the bin to rotate for emptying; at the top by a locking mechanism with key (A). A stainless steel string (C) prevents the bin from falling when opened.
4°) A cover in sheet steel, thickness 3 mm, welded to the support tube.
5°) A polyethylene bin, with a conical form (lower diam. 18 cm, top diam. 35 cm), height 54 cm, to be inserted in the litter bin.
6°) An ashtray in aluminium with extractable internal bin in stainless steel, fixed to the column with two M6 stainless steel screws (1°).
The total height of the litter bin is 99 cm, with a maximum width of 50.5 cm. The bin can hold 30 litres of litter.

Protection of surfaces
Please refer to the specification on painting procedures of the materials.

© 2007 NERI S.p.A. cm 1:10

Bollards



2978_000
2978_001

BOLLARDS DIOGENE



ARTICLE: 2978.000

TECHNICAL DESCRIPTION - Rev. A - August 2006

Description

Fixed bollard made in S235J UNI EN 10219-1 steel, hot-galvanized throughout to UNI EN ISO 1461 standards, corresponding in shape, size and ornamentation to the diagrams, which are an integral part of the specifications.

The bollard is composed as follows:

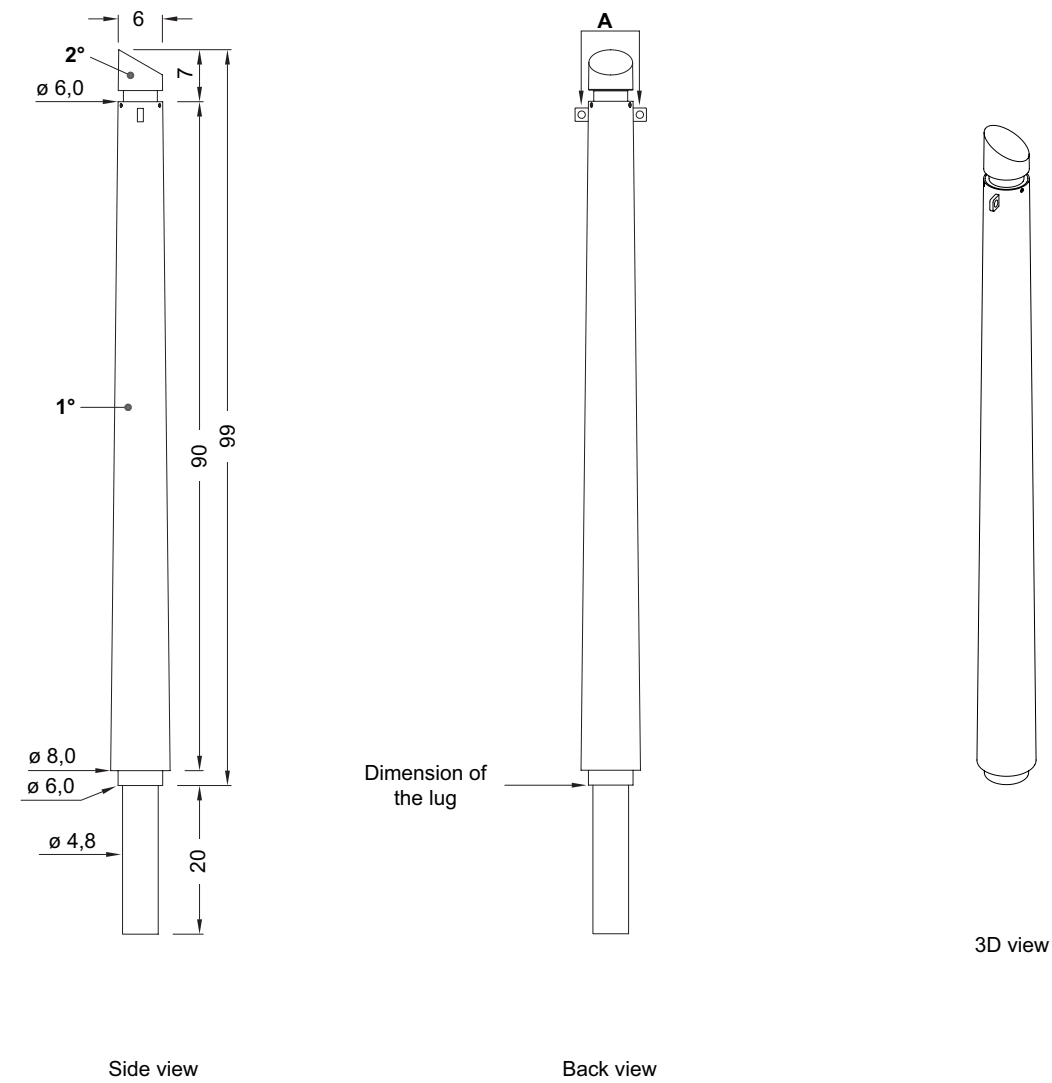
- 1°) A support tube in steel, height 90 cm, with a conical form (lower diam. 8.0 cm, upper diam. 6.0 cm), with a fixing lug height 20 cm to be cemented into the foundation plinth and in the upper part of two rings (A) for connection to chains.
 - 2°) A steel decorative element with an inclined cut, fixed on the top of the supporting tube (1°). Shapes and sizes are as shown in the diagram.
- The height above ground of the bollard is 99 cm.

Fixing system

The bollard is supplied with a cast iron fixing lug (height 20 cm, diam. 4.8 cm) cast together with the bollard, to be cemented into the foundation plinth.

Protection of surfaces

Please refer to the specification on painting procedures of the materials.



BOLLARDS DIOGENE



ARTICLE: 2978.001

TECHNICAL DESCRIPTION - Rev. A - August 2006

Description

Bollard made in S235J UNI EN 10219-1 steel, hot-galvanized throughout to UNI EN ISO 1461 standards, corresponding in shape, size and ornamentation to the diagrams, which are an integral part of the specifications.

The bollard is composed as follows:

- 1°) A support tube in steel, height 90 cm, with a conical form (lower diam. 8.0 cm, upper diam. 6.0 cm) and in the upper part of two rings (A) for connection to chains.
 - 2°) A steel decorative element with an inclined cut, fixed on the top of the supporting tube (1°). Shapes and sizes are as shown in the diagram.
- The height above ground of the bollard is 99 cm.

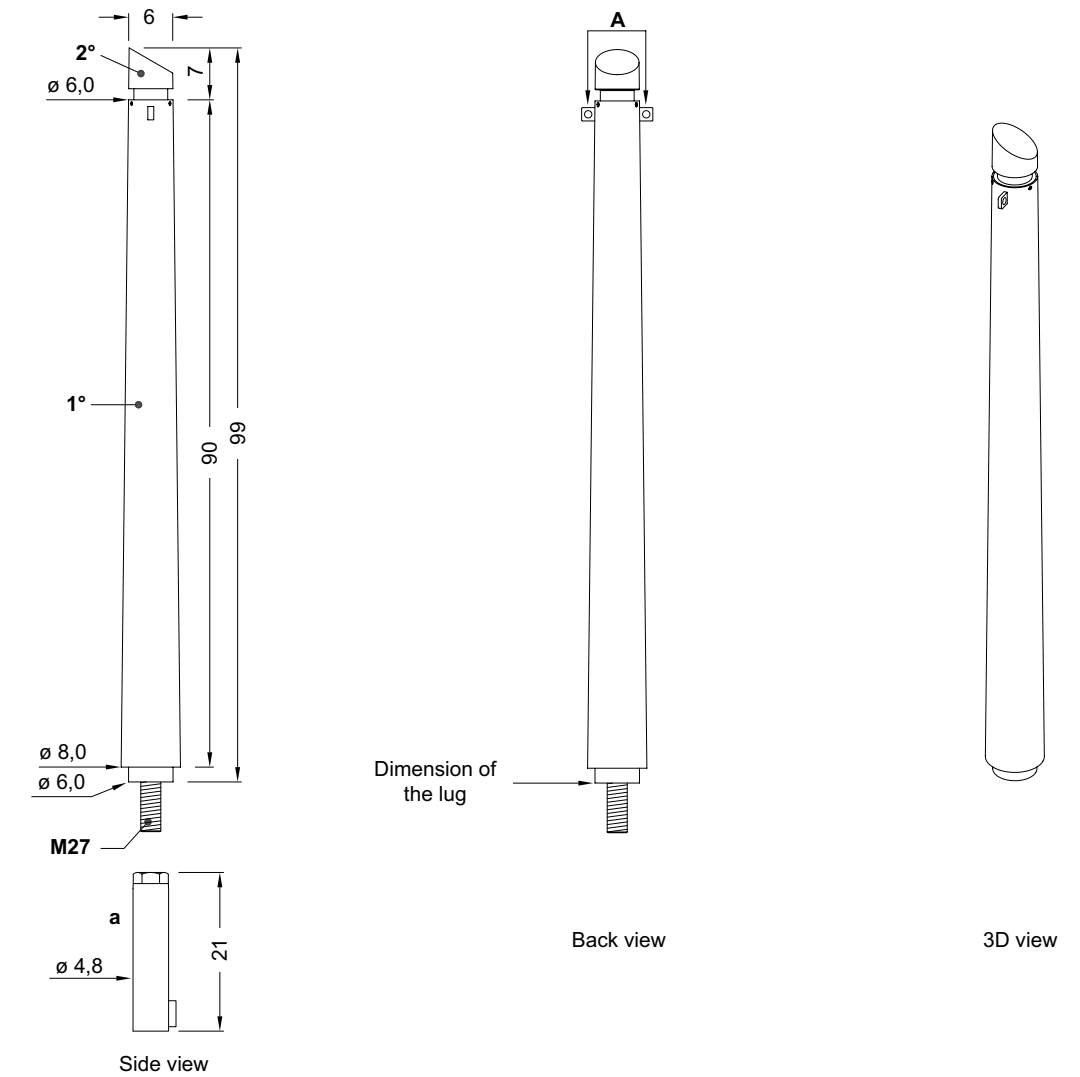
Fixing system

The bollard is fitted with a fixing lug that allows it to be removed, composed as follows:

- a) A tube in S235J UNI EN 10219-1 steel (height 21 cm, diam. 4.8 cm), electrolytically cold-galvanized to UNI ISO 2081 standards, to be cemented perfectly vertically into the foundation plinth. The upper part of the lug has an M27 threaded hole at the centre. Beneath the base of the bollard is an M27 stud to be screwed into the steel tube cemented into the foundation plinth.

Protection of surfaces

Please refer to the specification on painting procedures of the materials.

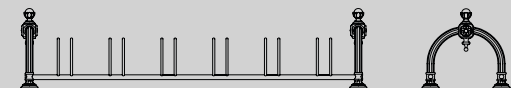
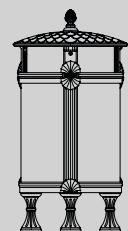
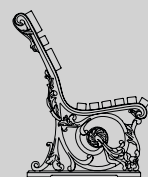




Sheliak



The collection



Bench



2151.002.018

Bollards



2983_000
2983_001

ARTICLE: 2151.002.018

TECHNICAL DESCRIPTION - Rev. A - December 2006

Description

Fixed bench in UNI EN 1561 cast iron and iroko wood (or equivalent) brown colour, corresponding in shape, size and ornamentation to the diagrams, which are an integral part of the specifications.

The bench is composed as follows:

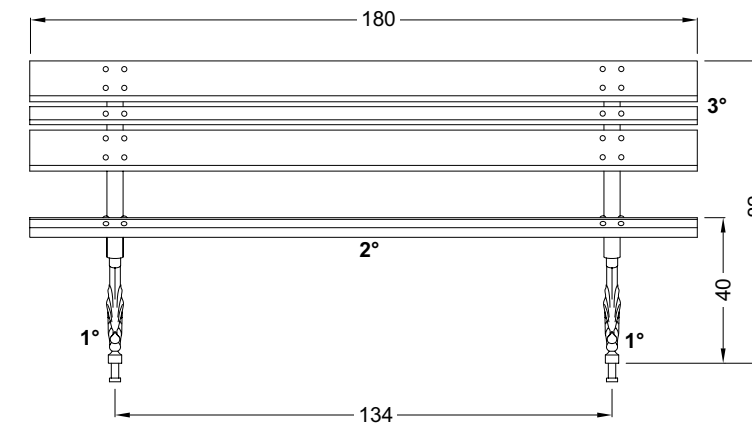
- 1°) Two cast iron support elements, height 82 cm, depth 73 cm. Each element has a base that is 57 cm long and is fitted with two lugs (A) for cementing into the ground, height 5 cm, depth 4 cm, with a distance between centres of 47 cm, and with junctions for the wooden planks of the seat and backrest. Ornamentation also continues up the backrest support.
- 2°) A seat, depth 38 cm, composed of six slats of solid seasoned iroko wood (or equivalent), length 180 cm, width 4 cm and thickness 3.5 cm. Each slat is fixed to the support legs with four M6 stainless steel bolts.
- 3°) A backrest, height 33 cm, composed of two planks and one slat of solid seasoned iroko wood (or equivalent), length 180 cm and thickness 3.5 cm. The two planks are each 12 cm wide, and the central slat is 4 cm wide. The two planks and the slat are fixed to the support legs with a total of twenty M6 stainless steel bolts.

The assembled bench has the following dimensions:

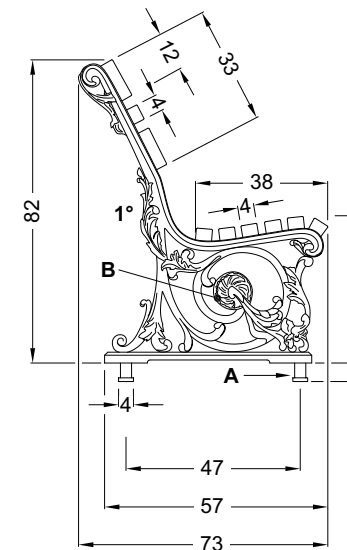
total height 82 cm – total length 180 cm – total depth 73 cm – distance between centres of supports 134 cm – seat height 40 cm – seat depth 38 cm – backrest height 82 cm – angle between seat and backrest 109°.

Protection of surfaces

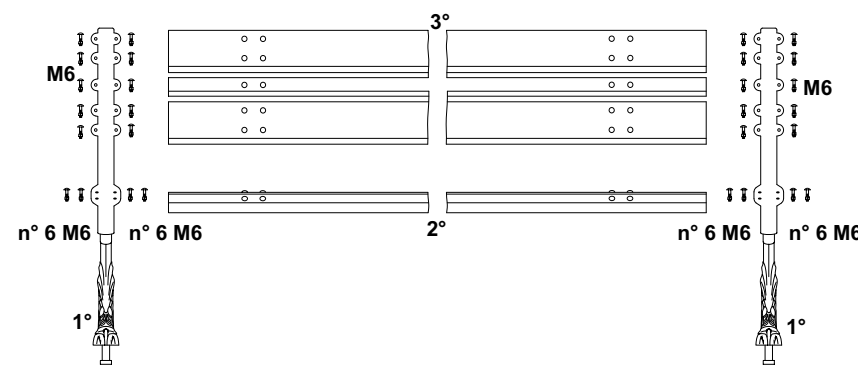
Please refer to the specification on painting procedures of the materials.



Front view



Side - Left/Right supports



Exploded view

ARTICLE: 2983.001

TECHNICAL DESCRIPTION - Rev. A - October 2005

Description

Bollard made in UNI EN 1563 nodular cast iron, corresponding in shape, size and ornamentation to the diagrams, which are an integral part of the specifications.

The bollard is composed as follows:

- 1°) A cast iron column with an octagonal base (height 7.5 cm, diagonal 18 cm) that rests on a fillet at ground level (diagonal 21.5 cm). The base is surmounted by a torus (A – diam. 16.5 cm), above which there is a group of four leaves (B – height 17.5 cm, central diam. 15.5 cm). The central section of the column is tapered (C – lower diam. 8.5 cm, top diam. 7 cm, height 48 cm) and is decorated with eight flutes. The upper part of the column is 15 cm high, and has two rings (D) cast together with the bollard's column, suitable for connection to chains with a maximum diameter of 1.3 cm. Above these rings there is an ornament in the form of a sphere (E – diam. 14 cm), the lower half of which is decorated with four leaves. The height above ground of the bollard is 99 cm.

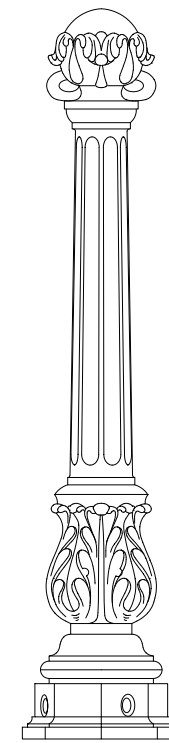
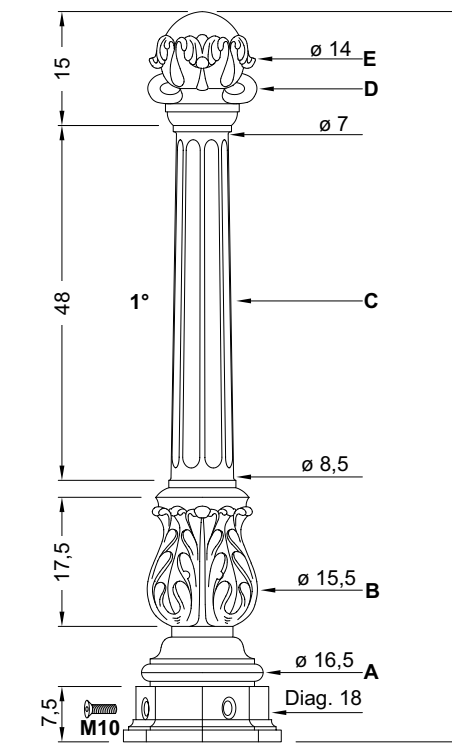
Fixing system

The bollard is fitted with a fixing lug that allows it to be removed, composed as follows:

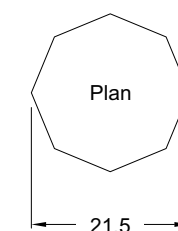
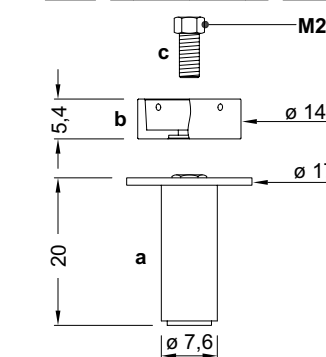
- a) A tapered steel element hot-galvanized to UNI EN ISO 1461 standards (top diam. 17, lower diam. 7.6 cm, height 20 cm) composed of a flange (diam. 17 cm) and a tube welded together, for cementing perfectly vertically into the foundation plinth. The upper part of the lug has an M27 threaded hole at the centre.
- b) A ring-shaped cast iron element (height 5.4 cm, diam. 14 cm) with a central hole and four M10 threaded holes round the edge at right angles to each other. This element is secured with an M27 screw (c) to the fixing lug (a). The bollard is fitted onto the ring (b), where it is secured with M10 stainless steel screws.
- c) M27 steel screw to UNI 5739–65 standards.

Protection of surfaces

Please refer to the specification on painting procedures of the materials.



Front view



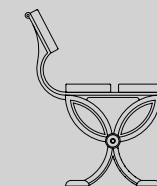
Plan



Kuma



The collection



Bench



2170.002.018

BENCHES



ARTICLE: 2170.002.018

TECHNICAL DESCRIPTION - Rev. A - December 2006

Description

Fixed bench in UNI EN 1561 cast iron and iroko wood (or equivalent) brown colour, corresponding in shape, size and ornamentation to the diagrams, which are an integral part of the specifications.

The bench is composed as follows:

1°) Two cast iron support elements, height 75 cm, depth 60 cm. Each element is fitted with two lugs (A) for cementing into the ground, height 6 cm, depth 5 cm, with a distance between centres of 30 cm, and with junctions for the wooden planks of the seat and backrest.

2°) A crosspiece consisting in an iron tube, joining the two support elements.

3°) A seat, depth 41 cm, composed of two planks of solid seasoned iroko wood (or equivalent), length 180 cm, width 19 cm and thickness 3.5 cm. Each plank is fixed to the support legs with eight M6 stainless steel bolts.

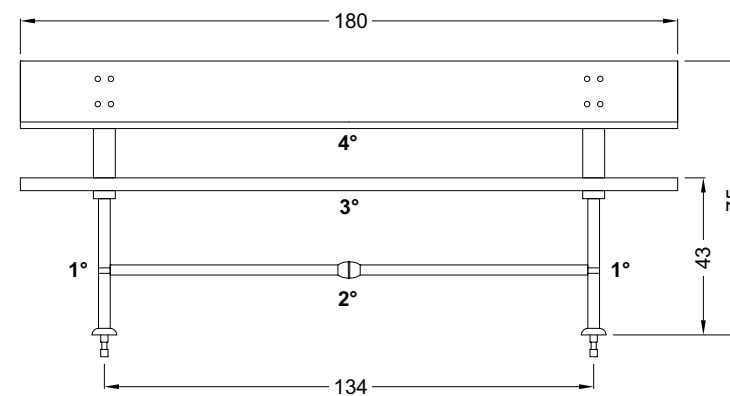
4°) A backrest composed of a single plank of solid seasoned iroko wood (or equivalent), length 180 cm, width 19 cm and thickness 3.5 cm. The plank is fixed to the support legs with eight M6 stainless steel bolts.

The assembled bench has the following dimensions:

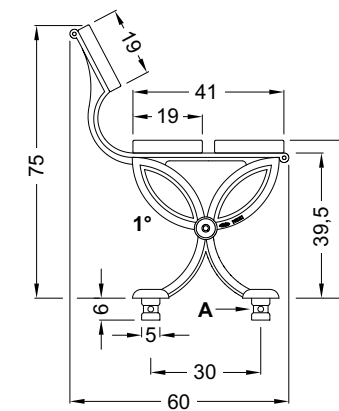
total height 75 cm – total length 180 cm – distance between centres of supports 134 cm – seat height 43 cm – seat depth 41 cm – backrest height 75 cm – angle between seat and backrest 117°..

Protection of surfaces

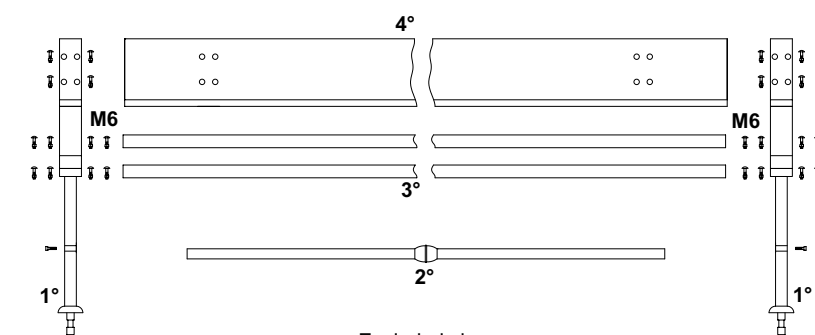
Please refer to the specification on painting procedures of the materials.



Front view



Side - Left/Right supports



Exploded view

Bollards



Kuma L
2989.000.003
2989.001.003



Kuma S
2985.000
2985.001

BOLLARDS



ARTICLE: 2989.001.003

TECHNICAL DESCRIPTION - Rev. A - October 2005

Description

Bollard made in UNI EN 1563 nodular cast iron, corresponding in shape, size and ornamentation to the diagrams, which are an integral part of the specifications.

The bollard is composed as follows:

1°) A cast iron column with a circular base (A – height 6 cm, diam. 13 cm). The central section of the column is smooth and tapered (B – height 46 cm, lower diam. 10 cm, top diam. 8 cm). The upper part of the column has two cylindrical sections connected by fillets, and the top of the column terminates in a low dome.

The height above ground of the bollard is 63 cm.

Fixing system

The bollard is fitted with a fixing lug that allows it to be removed, composed as follows:

a) A tapered steel element (top diam. 13, lower diam. 7.6 cm, height 20 cm) hot-galvanized to UNI EN ISO 1461 standards, composed of a flange (diam. 13), a tube (diam. 10). The upper part of the lug has an M27 threaded hole at the centre.

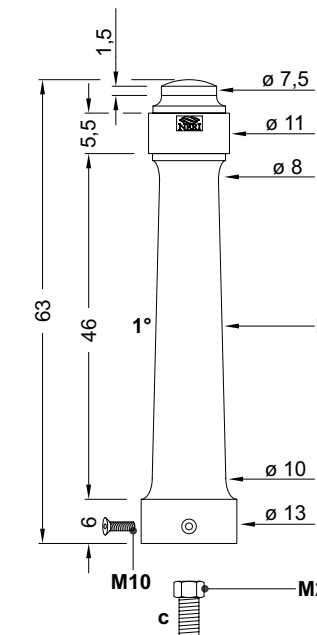
b) A ring-shaped cast iron element (height 4.4 cm, diam. 10.5 cm) with a central hole and four M10 threaded holes round the edge at right angles to each other. This element is secured with an M27 screw (c) to the fixing lug (a).

The bollard is fitted onto the ring (b), where it is secured with M10 stainless steel screws.

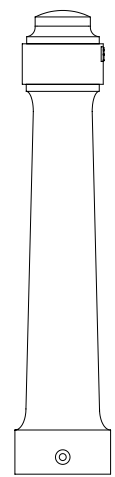
c) M27 steel screw to UNI 5739–65 standards.

Protection of surfaces

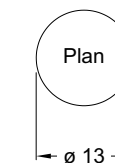
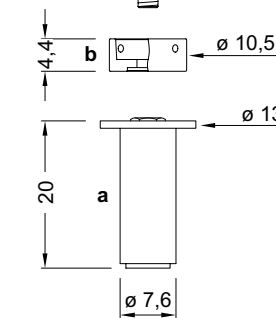
Please refer to the specification on painting procedures of the materials.



Front view



Side view



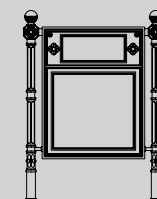
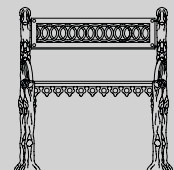
Plan



Castore



The collection



Benches



2100.100
2100.200
2100.300

NERI

www.neri.biz

ARTICLE: 2100.100

TECHNICAL DESCRIPTION - Rev. A - October 2012

Description

One-module fixed bench in UNI EN 1561 cast iron, corresponding in shape, size and ornamentation to the diagrams, which are an integral part of the specifications.

The bench is composed as follows:

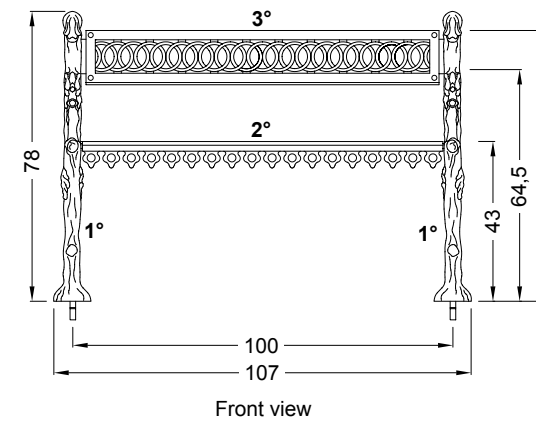
- 1°) Two support elements (left and right), height 78 cm, depth 58 cm. Each element is fitted with two lugs (A) for cementing into the ground, height 5 cm, depth 7 cm, with a distance between centres of 40 cm, junctions for the seat and backrest, and an armrest (B) at a height of 64.5 cm from the ground. Ornamentation consists in two main branches rising from the ground, serving as support legs, from which thinner branches diverge, decorated with oak leaves and acorns.
- 2°) A seat element, length 97 cm, depth 38 cm and thickness 1.3 cm. This element is fixed to the side supports with four M6 stainless steel bolts, and the surface is decorated with two panels of perforated geometric forms each with a flower at the centre. Around the perimeter there are 72 holes. The frontal strip (C) is decorated with a band of eighteen cloverleaf designs each with a central hole.
- 3°) A backrest element, height 16 cm, length 95 cm and thickness 1.5 cm, fixed to the side supports with four M6 stainless steel bolts and decorated with a series of interwoven perforated rings set in a rectangle.

The assembled bench has the following dimensions:

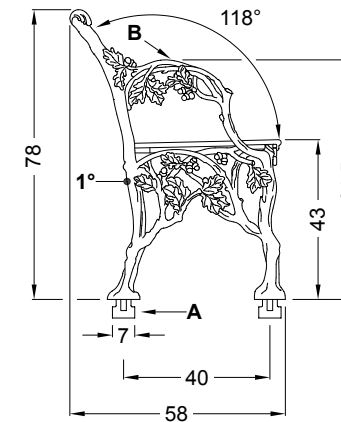
total height 78 cm – total length 107 cm – total depth 58 cm – distance between centres of side supports 100 cm – seat height 43 cm – backrest height 75 cm – armrest height 64.5 cm – angle between seat and backrest 118°.

Protection of surfaces

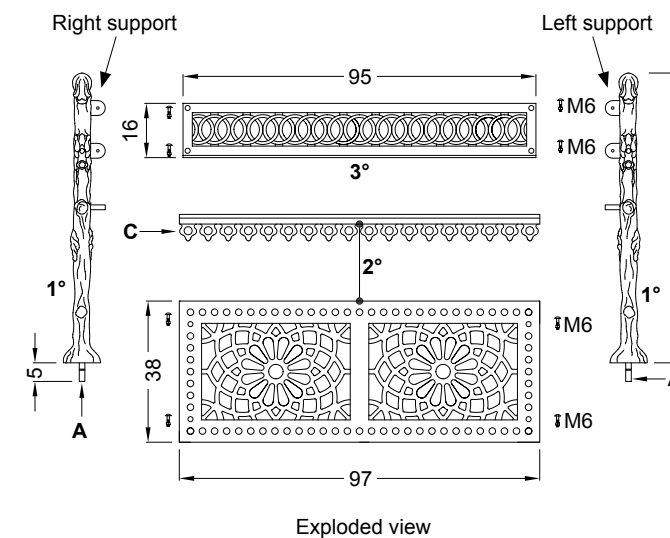
Please refer to the specification on painting procedures of the materials.



Front view



Side view - support



Exploded view

Bollards



2988.000
2988.001

BOLLARDS



ARTICLE: 2988.001

TECHNICAL DESCRIPTION - Rev. A - October 2005

Description

Bollard made in UNI EN 1563 nodular cast iron, corresponding in shape, size and ornamentation to the diagrams, which are an integral part of the specifications.

The bollard is composed as follows:

- 1) An octagonal cast iron column with a base (A – height 5 cm, diagonal 16 cm) surmounted by a torus (B – diagonal 13.5 cm). The central part of the column (C) is uniform for a height of 77.5 cm (diagonal 11 cm). In the upper part of the column there are two rings (G) cast together with the bollard, for attaching chains with a maximum diameter of 1.3 cm. The top section of the column (height 14 cm) is composed of two tori (D, E – diagonals 13.5 cm and 8.5 cm) connected by fillets, and a knob with eight segments (F – diagonal 11.5 cm).
- The height above ground of the bollard is 101.5 cm.

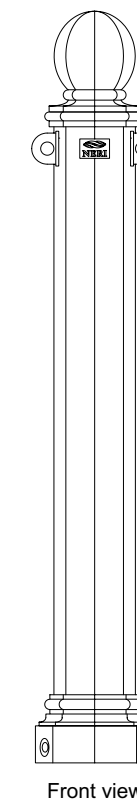
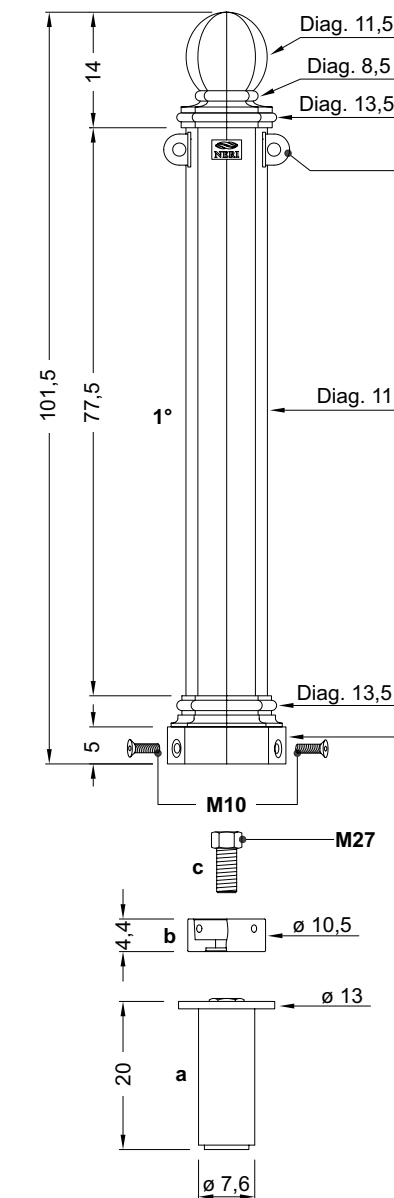
Fixing system

The bollard is fitted with a fixing lug that allows it to be removed, composed as follows:

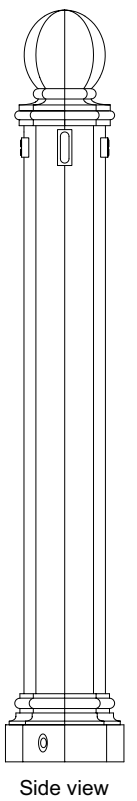
- a) A tapered steel element, hot-galvanized to UNI EN ISO 1461 standards (top diam. 13, lower diam. 7.6 cm, height 20 cm) for cementing perfectly vertically into the foundation plinth. The upper part of the lug has an M27 threaded hole at the centre.
- b) A ring-shaped cast iron element (height 4.4 cm, diam. 10.5 cm) with a central hole and four M10 threaded holes round the edge at right angles to each other. This element is secured with an M27 screw (c) to the fixing lug (a). The bollard is fitted onto the ring (b), where it is secured with M10 stainless steel screws.
- c) M27 steel screw to UNI 5739–65 standards.

Protection of surfaces

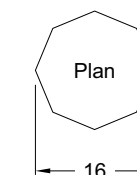
Please refer to the specification on painting procedures of the materials.



Front view



Side view



Plan

Litter bins



2272_000_002
2272_000

LITTER BINS



ARTICLE: 2272.000.002

TECHNICAL DESCRIPTION - Rev. A - October 2005

Description

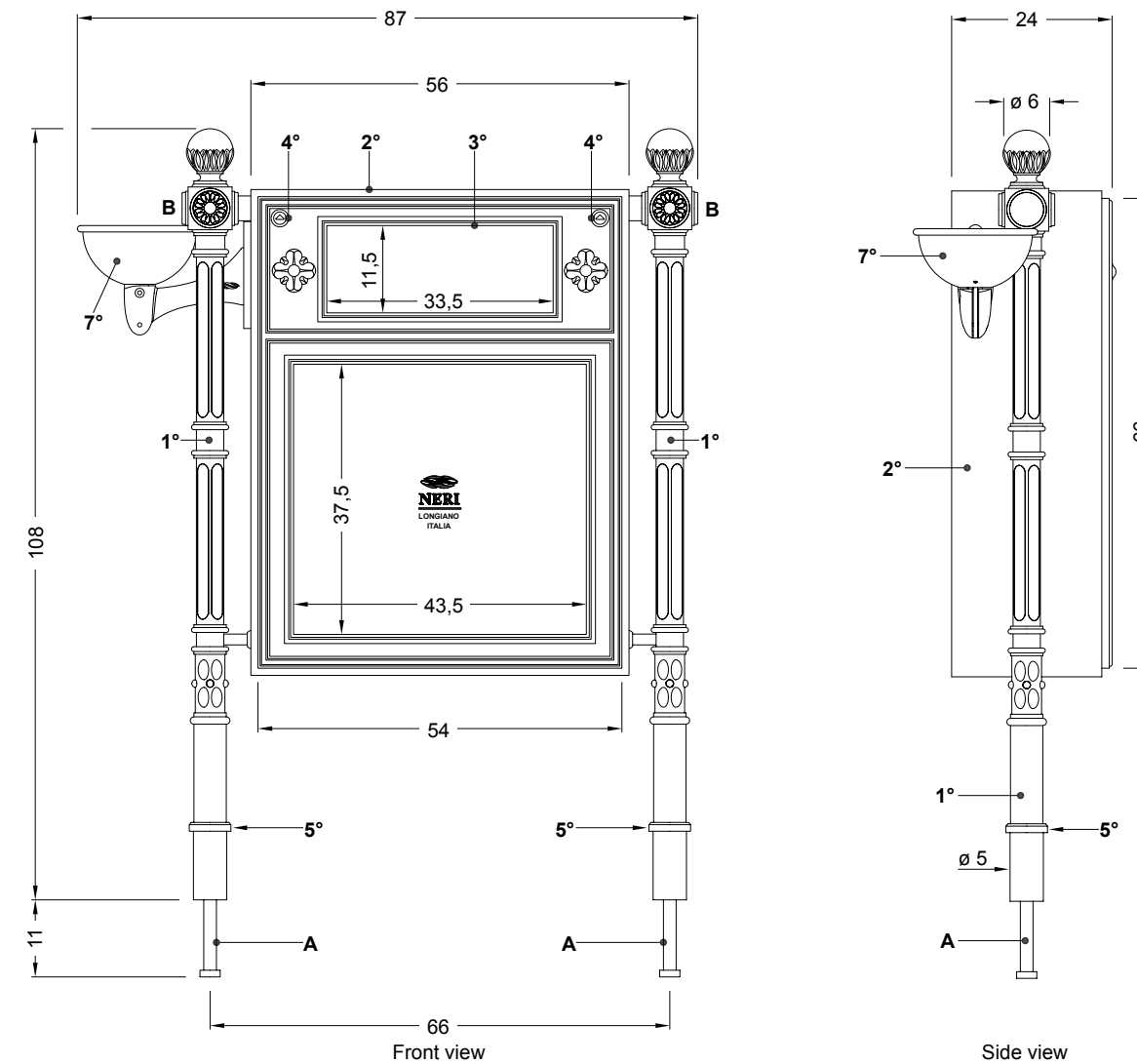
Litter bin with ashtray in UNI EN 1561 cast iron, UNI EN 1563 nodular cast iron, primary aluminium alloy UNI EN 1706 and UNI EN ISO 1461 hot-galvanized steel sheet, corresponding in shape, size and ornamentation to the diagrams, which are an integral part of the specifications.

The litter bin is composed as follows:

- 1°) Two cast-iron columns (height 108 cm, diam. 5 cm), with lugs (A – height 11 cm) for cementing into the ground and two lateral joints to support the litter bin. The columns are cylindrical, and are decorated with flutes and mouldings. The top joint (B) of each column is in the form of a cube, decorated on the lateral faces with rosettes and on top with a sphere (diam. 6 cm), the lower half of which is decorated with leaves.
 - 2°) A galvanized sheet metal frame (thickness 2.5 mm, height 68.5 cm, length 56 cm, depth 20 cm). This frame is fixed to the two columns with four M8 stainless steel screws.
 - 3°) One panels in cast aluminium (height 66 cm, length 54 cm) decorated with a cornice along the perimeter, an inner panel (43.5 x 37.5 cm) and two rosettes, fixed to the sheet metal frame. The panel is provided with an aperture (33.5 x 11.5 cm) for depositing litter inside the bin. The panel is hinged, allowing it to be opened for removal of litter.
 - 4°) Two closure mechanisms for the hinged panel (3), fitted to the top corners of the panel. The mechanisms can be operated only with a triangular socket key.
 - 5°) Two cast-iron rings, applied as decoration to the base of the columns. These rings can be placed in different positions to follow variations in ground level.
 - 6°) A hot-galvanized steel frame fixed to the hinged panel (3), forming a support for the plastic bag inside the bin.
 - 7°) An ashtray in hot-galvanized steel sheet, fixed to the frame with two M8 stainless steel screws (2°).
- The height of the litter bin depends on the distance to which it is cemented into the ground, and can vary between 90 cm and 108 cm. Its total length is 87 cm, and its total depth is 24 cm.
- The distance between column centres is 66 cm.
- The bin can hold 31 litres of litter.

Protection of surfaces

Please refer to the specification on painting procedures of the materials.



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cm 1:10

LITTER BINS



ARTICLE: 2272.000

TECHNICAL DESCRIPTION - Rev. A - October 2005

Description

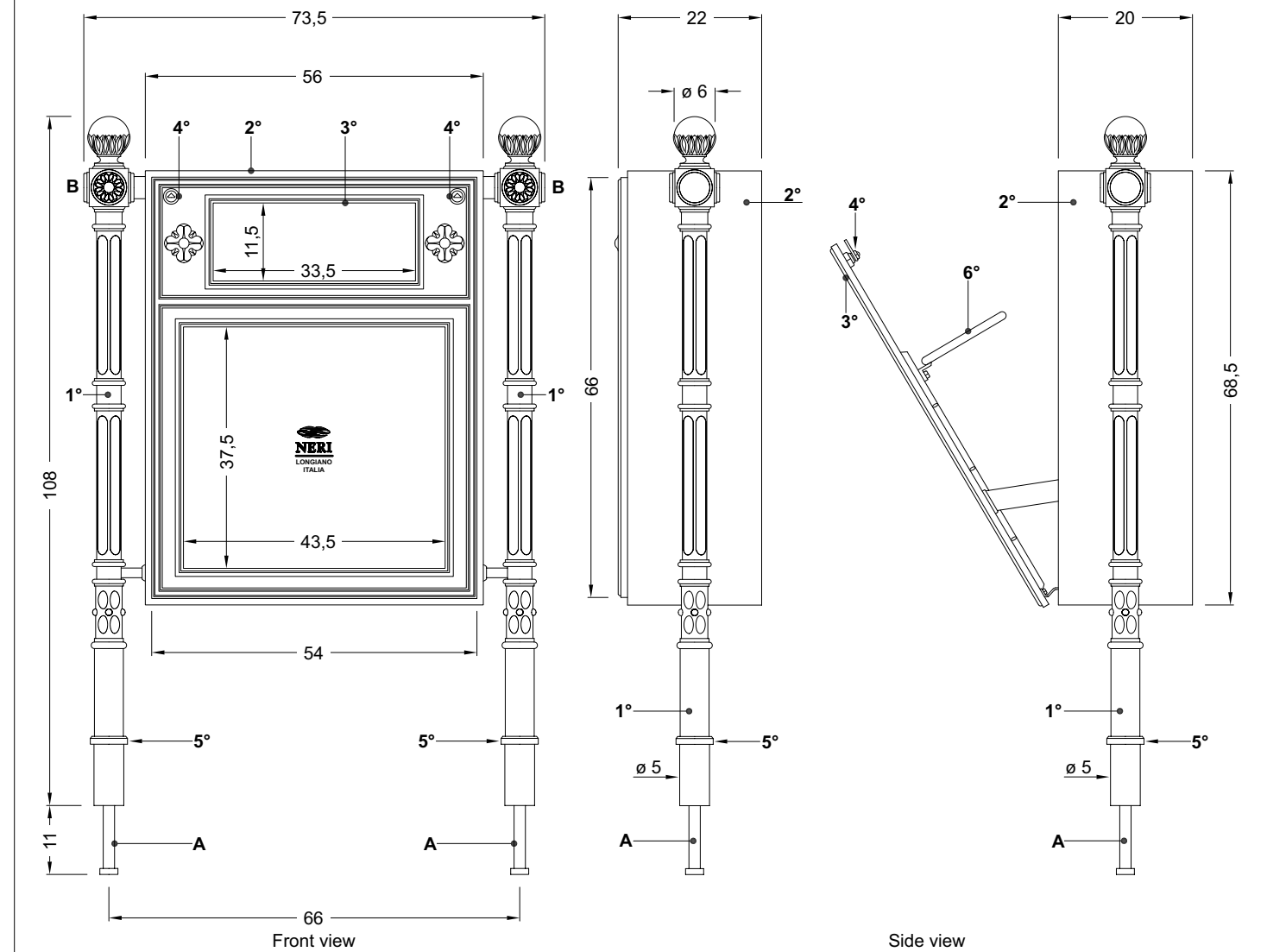
Litter bin in UNI EN 1561 cast iron, primary aluminium alloy UNI EN 1706 and UNI EN ISO 1461 hot-galvanized steel sheet, corresponding in shape, size and ornamentation to the diagrams, which are an integral part of the specifications.

The litter bin is composed as follows:

- 1°) Two cast-iron columns (height 108 cm, diam. 5 cm), with lugs (A – height 11 cm) for cementing into the ground and two lateral joints to support the litter bin. The columns are cylindrical, and are decorated with flutes and mouldings. The top joint (B) of each column is in the form of a cube, decorated on the lateral faces with rosettes and on top with a sphere (diam. 6 cm), the lower half of which is decorated with leaves.
 - 2°) A galvanized sheet metal frame (thickness 2.5 mm, height 68.5 cm, length 56 cm, depth 20 cm). This frame is fixed to the two columns with four M8 stainless steel screws.
 - 3°) One panels in cast aluminium (height 66 cm, length 54 cm) decorated with a cornice along the perimeter, an inner panel (43.5 x 37.5 cm) and two rosettes, fixed to the sheet metal frame. The panel is provided with an aperture (33.5 x 11.5 cm) for depositing litter inside the bin. The panel is hinged, allowing it to be opened for removal of litter.
 - 4°) Two closure mechanisms for the hinged panel (3), fitted to the top corners of the panel. The mechanisms can be operated only with a triangular socket key.
 - 5°) Two cast-iron rings, applied as decoration to the base of the columns. These rings can be placed in different positions to follow variations in ground level.
 - 6°) A hot-galvanized steel frame fixed to the hinged panel (3), forming a support for the plastic bag inside the bin.
- The height of the litter bin depends on the distance to which it is cemented into the ground, and can vary between 90 cm and 108 cm. Its total length is 73.5 cm, and its total depth is 22 cm.
- The distance between column centres is 66 cm.
- The bin can hold 31 litres of litter.

Protection of surfaces

Please refer to the specification on painting procedures of the materials.



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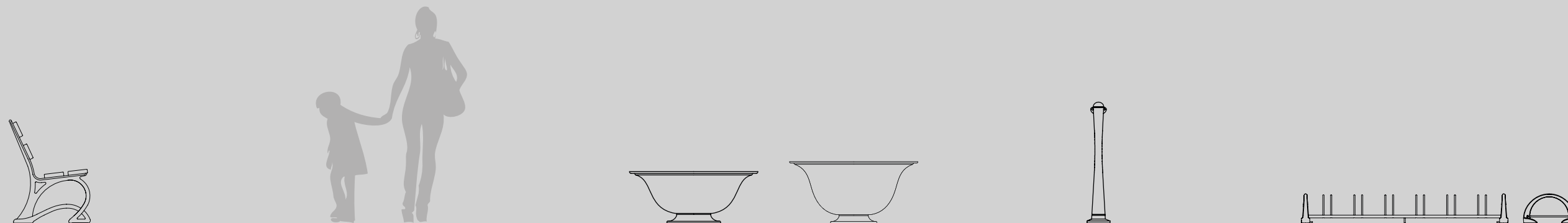
cm 1:10



Alcor



The collection



Bench



2142.002

Bollards



2995.000
2995.001

Description

Fixed bench in UNI EN 1561 cast iron and iroko wood (or equivalent) brown colour, corresponding in shape, size and ornamentation to the diagrams, which are an integral part of the specifications.

The bench is composed as follows:

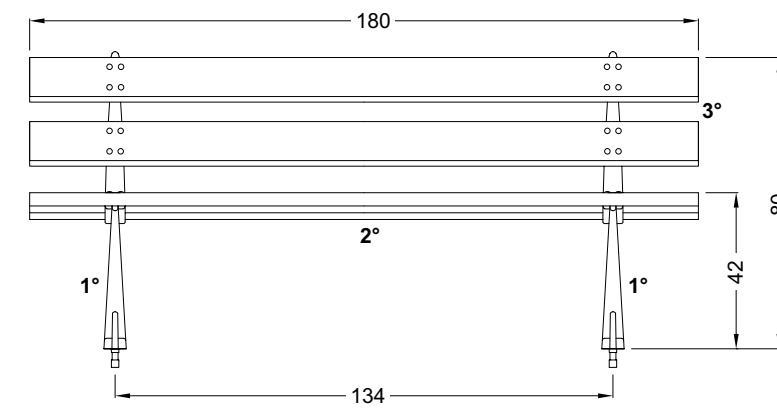
- 1°) Two cast iron support elements, height 80 cm, depth 63 cm. Each element is fitted with two lugs (A) for cementing into the ground, height 5.5 cm, depth 4.5 cm, with a distance between centres of 40 cm, and with junctions for the wooden planks of the seat and backrest.
- 2°) A seat, depth 33.5 cm, composed of two planks of solid seasoned iroko wood (or equivalent), length 180 cm, width 15 cm and thickness 3.5 cm. Each plank is fixed to the support legs with eight M6 stainless steel bolts.
- 3°) A backrest composed of two planks of solid seasoned iroko wood (or equivalent), length 180 cm, width 12 cm and thickness 3.5 cm. Each plank is fixed to the support legs with eight M6 stainless steel bolts.

The assembled bench has the following dimensions:

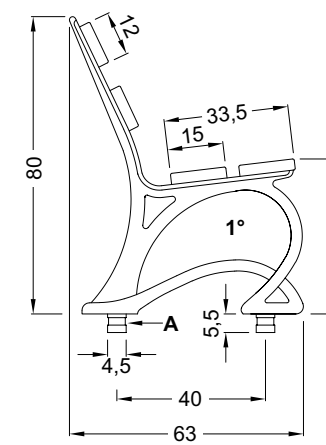
total height 80 cm – total length 180 cm – total depth 63 cm – distance between centres of supports 134 cm – seat height 42 cm – seat depth 33.5 cm – backrest height 80 cm – angle between seat and backrest 110°.

Protection of surfaces

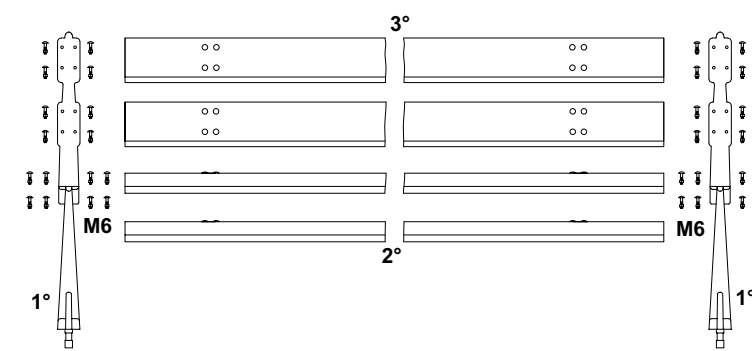
Please refer to the specification on painting procedures of the materials.



Front view



Side - Left/Right supports



Exploded view

Description

Bollard made in UNI EN 1563 nodular cast iron, corresponding in shape, size and ornamentation to the diagrams, which are an integral part of the specifications.

The bollard is composed as follows:

- 1°) A cast iron column fitted with a base flange (A – height 3 cm, diam. 18 cm), surmounted by circular band (B – height 3 cm, diam. 10.5 cm) and a horizontal groove (C - diam. 9.2 cm). Above this groove there is a column with base diameter 10.2 cm (D), central diameter 5.5 cm (E) and top diameter 8 cm (F). The top part of the column has two rings (G) cast together with the bollard, for attaching chains with a maximum diameter of 1.3 cm. The column terminates with a hemisphere (H – diam. 8 cm), separated from the column by a groove similar to the groove at the base.

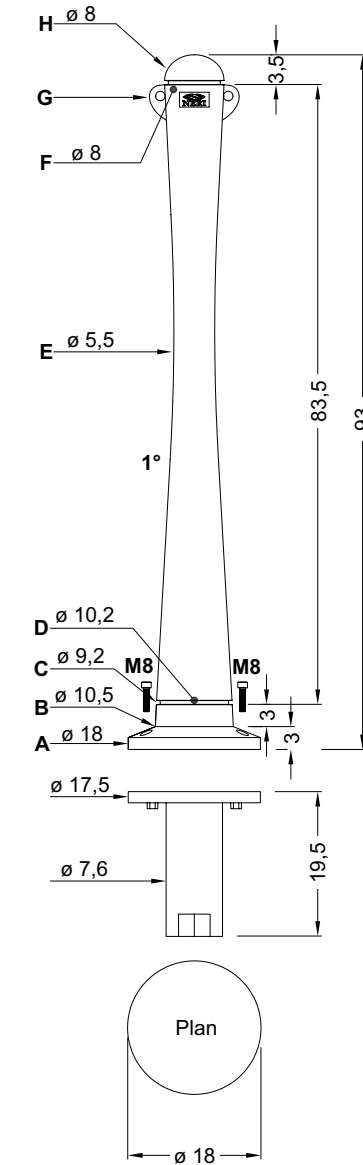
The height above ground of the bollard is 93 cm.

Fixing system

The bollard is fitted with a fixing lug that allows it to be removed, composed of a steel flange (diam. 17.5 cm) and a steel tube (diam. 7.6 cm) welded together (height 19.5 cm) and hot-galvanized to UNI EN ISO 1461 standards. The fixing lug must be cemented perfectly vertically into the foundation plinth, and is fitted with three M8 stainless steel nuts welded to the flange. The bollard is attached to the fixing lug with three M8 stainless steel screws inserted into holes provided in the base flange.

Protection of surfaces

Please refer to the specification on painting procedures of the materials.



Front view

Side view

Plan

Planters



Alcor M
2204.000




Alcor S
2203.000

Bicycle rack



2284.000

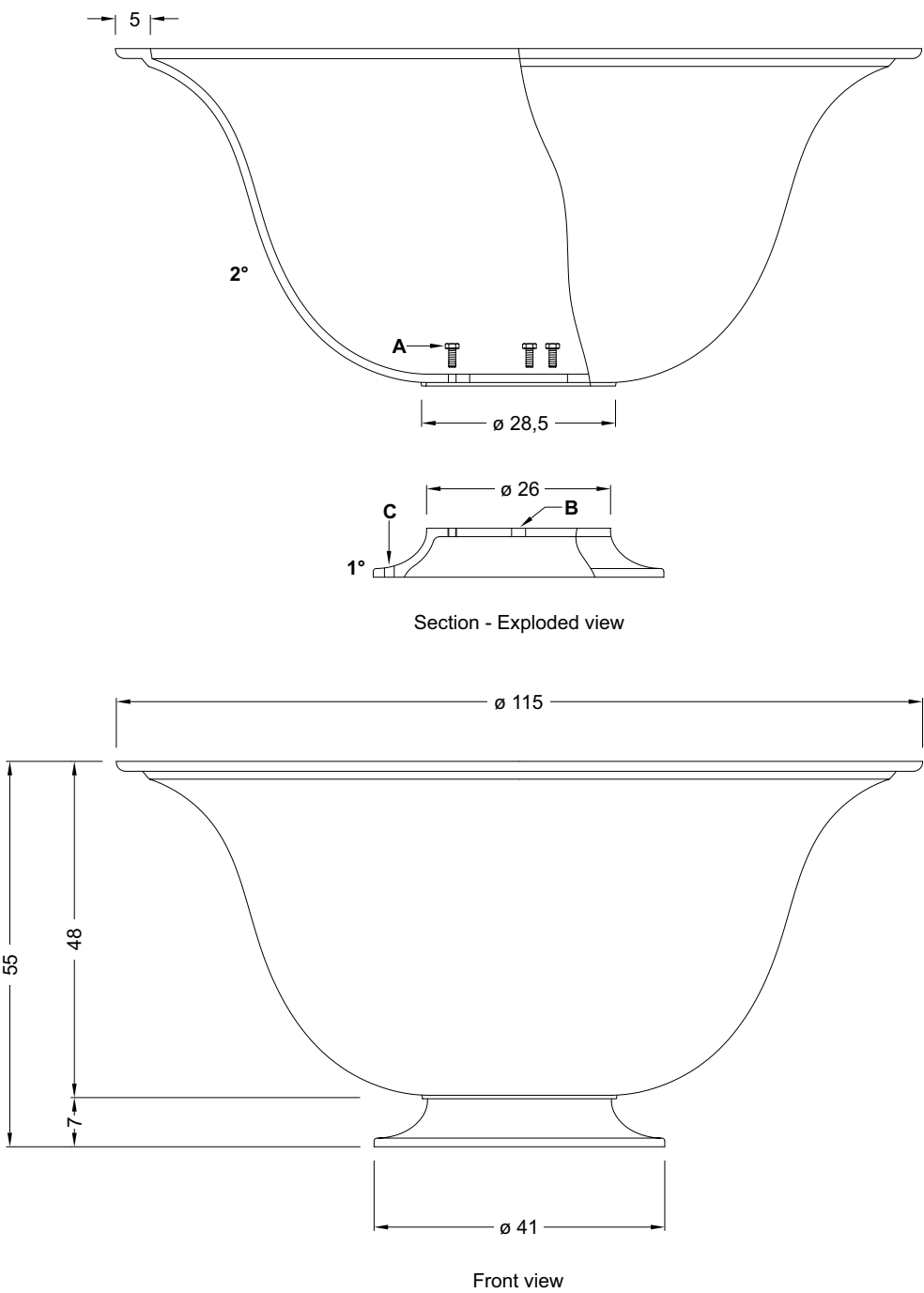
FLOWER TUBS



ARTICLE: 2204.000 TECHNICAL DESCRIPTION - Rev. A - October 2005

Description
Flower tub in UNI EN 1561 cast-iron, corresponding in shape, size and ornamentation to the diagram, which is an integral part of the specifications. The flower tub is composed as follows:
1°) A tapered and contoured cast-iron pedestal (height 7 cm, lower diam. 41 cm, top diam. 26 cm) with one hole (B – diam. 2 cm) for water drainage and three holes (C – diam. 1.4 cm) for securing to the ground with fixing lugs or anchor bolts. The pedestal is fixed to the bowl (2) with three M10 stainless steel bolts (A).
2°) A tapered and contoured cast-iron flower bowl (height 48 cm, lower diam. 28.5 cm, top diam. 115 cm), with a projecting rim at the top (thickness 5 cm).
The total height of the flower tub is 55 cm, with a diameter of 115 cm. The bowl has a capacity of 200 cubic decimetres, and the total weight is approximately 150 kilograms.

Protection of surfaces
Please refer to the specification on painting procedures of the materials.



Section - Exploded view

Front view

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F 1-10

NERI

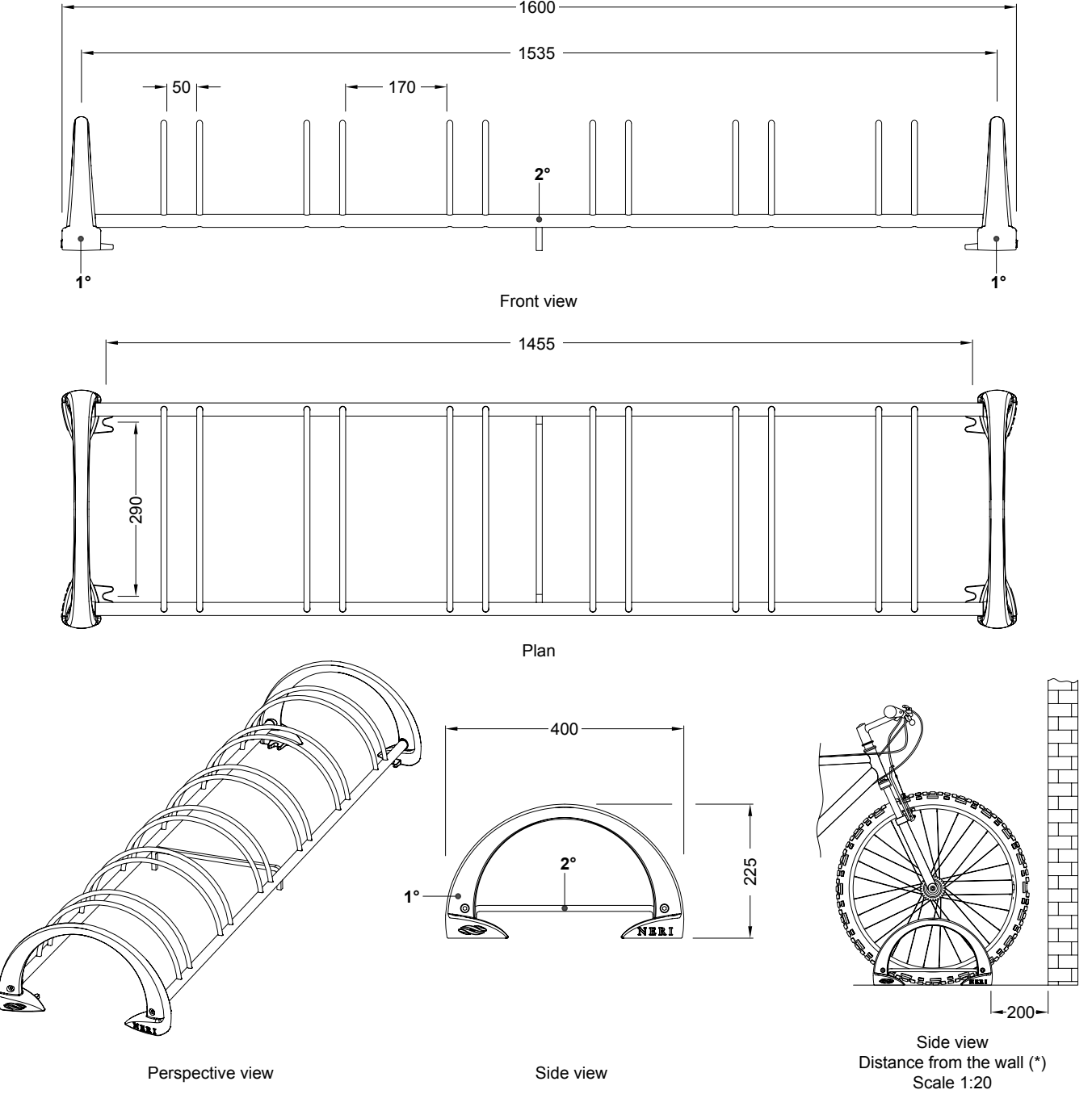
www.neri.biz

ARTICLE: 2284.000 (for 6 bicycles) TECHNICAL DESCRIPTION - Rev. A - October 2012

Description
Cycle rack made from elements in UNI EN 1561 cast iron and FE360 UNI EN 10219-1-2 steel, corresponding in shape, size and ornamentation to the diagrams, which are an integral part of the specifications.
The cycle rack is composed as follows:
1°) Two cast iron supports, height 225 mm, width 400 mm, with joints for the cycle rack.
Each support has feet with holes for fixing to ground with anchor bolts.
2°) A steel cycle rack, hot-galvanized to UNI EN ISO 1461 standards, with space for 6 bicycles, fixed to end supports (1°) with four M8 stainless steel screws. The distance between single bicycle supports is 170 mm, with a space of 50 mm for the insertion of wheels.
The total height of the cycle rack is 225 mm, with length 1600 mm, width 400 mm and distance between end support centres of 1535 mm.

Note
In case the cycle rack is installed beside a wall, its distance to the wall should no be less than 200 mm, to allow the correct positioning of the wheel in its seat (*).

Protection of surfaces
Please refer to the specification on painting procedures of the materials.



Front view

Plan

Perspective view

Side view

Side view
Distance from the wall (*)
Scale 1:20

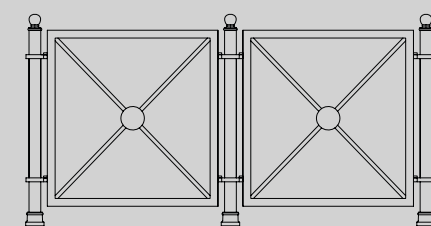
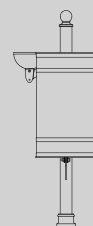
NB: Measures in mm.
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Heka



The collection



Bollards



Heka L
 2971_000
 2971_001
 2971_050_001
 2971_050_002
 2971_050



Heka S
 2970_000
 2970_001

Litter bins



2275.000.002
 2275.000
 2275.001.002
 2275.001
 2275.100.002
 2275.100
 2275.101.002
 2275.101

ARTICLE: 2971.001

TECHNICAL DESCRIPTION - Rev. A - July 2006

Description

Bollard made in UNI EN 1561 cast iron and FE 360 UNI EN 10219-1 steel, hot-galvanized throughout to UNI EN ISO 1461 standards, corresponding in shape, size and ornamentation to the diagrams, which are an integral part of the specifications.

The bollard is composed as follows:

1°) A circular cast iron base, height 11.5 cm. The base is tapered (lower diam. 14 cm, top diam. 13 cm), and at the top is decorated with a torus (A). The base is fixed to the column above it (2°) with three M6 grub screws.

2°) A steel column (height 75 cm, diam. 10.2 cm). The upper part of the column has two rings (B) for attaching chains with a maximum diameter of 1.3 cm.

3°) A cast iron element, height 13.5 cm, at the top of the column (2°). The element is decorated with two torus (C, D – diameters 12 cm, 7 cm) that support a sphere (diameter 10 cm).

The height above ground of the bollard is 100 cm.

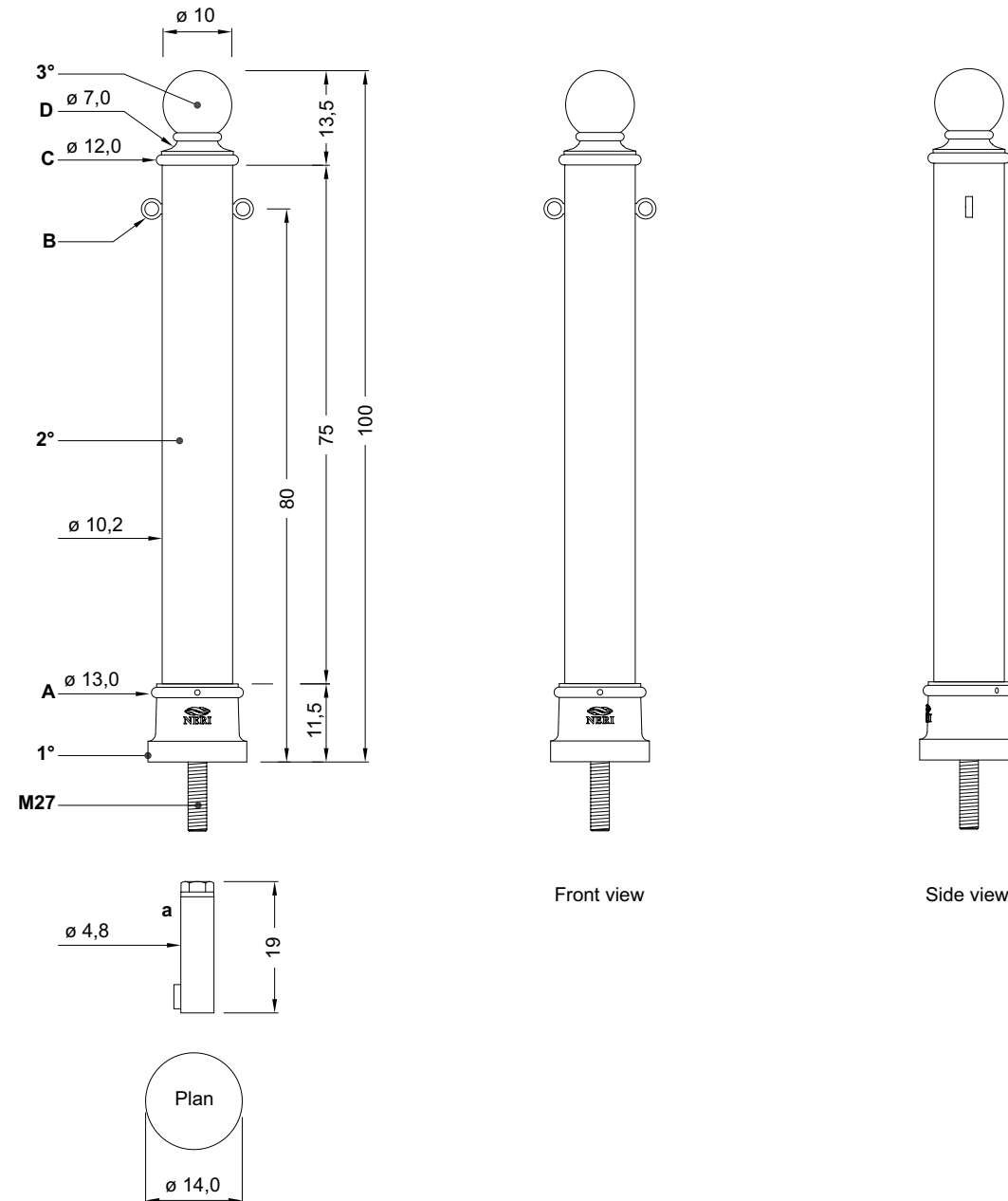
Fixing system

The bollard is fitted with a fixing lug that allows it to be removed, composed as follows:

a) A tube in FE 360 UNI EN 10219-1 steel (height 19 cm, diam. 4.8 cm), electrolytically cold-galvanized to UNI ISO 2081 standards, for cementing perfectly vertically into the foundation plinth. The upper part of the lug has an M27 threaded hole at the centre. Beneath the base of the bollard is an M27 stud to be screwed into the steel tube cemented into the foundation plinth.

Protection of surfaces

Please refer to the specification on painting procedures of the materials.



ARTICLE: 2995.001

TECHNICAL DESCRIPTION - Rev. A - October 2005

Description

Bollard made in UNI EN 1563 nodular cast iron, corresponding in shape, size and ornamentation to the diagrams, which are an integral part of the specifications.

The bollard is composed as follows:

1°) A cast iron column fitted with a base flange (A – height 3 cm, diam. 18 cm), surmounted by circular band (B – height 3 cm, diam. 10.5 cm) and a horizontal groove (C – diam. 9.2 cm). Above this groove there is a column with base diameter 10.2 cm (D), central diameter 5.5 cm (E) and top diameter 8 cm (F). The top part of the column has two rings (G) cast together with the bollard, for attaching chains with a maximum diameter of 1.3 cm. The column terminates with a hemisphere (H – diam. 8 cm), separated from the column by a groove similar to the groove at the base.

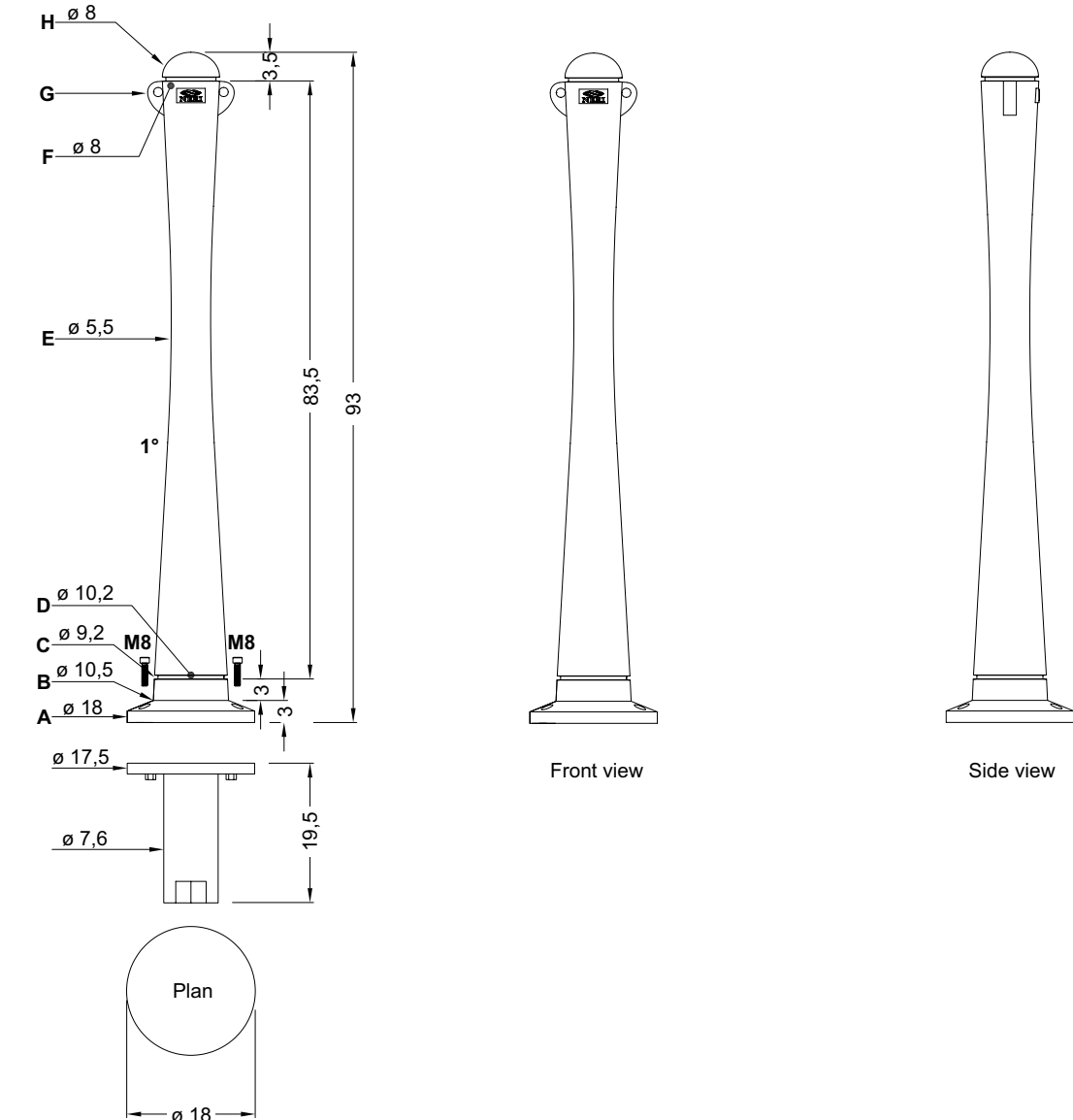
The height above ground of the bollard is 93 cm.

Fixing system

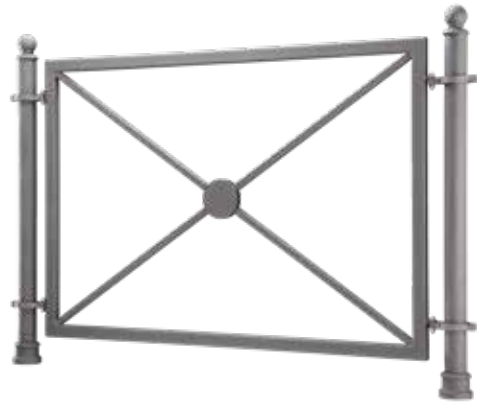
The bollard is fitted with a fixing lug that allows it to be removed, composed of a steel flange (diam. 17.5 cm) and a steel tube (diam. 7.6 cm) welded together (height 19.5 cm) and hot-galvanized to UNI EN ISO 1461 standards. The fixing lug must be cemented perfectly vertically into the foundation plinth, and is fitted with three M8 stainless steel nuts welded to the flange. The bollard is attached to the fixing lug with three M8 stainless steel screws inserted into holes provided in the base flange.

Protection of surfaces

Please refer to the specification on painting procedures of the materials.



Railings



9525_439_030
9525_439_031

NERI

Panel for barriers

9525.439.030

Technical sheet
Rev.B 05-2017

DESCRIPTION

Materials

- Steel UNI EN 10219-1, S235JR, hot galvanized as UNI EN ISO 1461 norm.

Structural elements

- The panel is composed as follows:
- an external frame (A - height 920 mm, length 835 mm) made in tubular hot-galvanized steel rectangular section (40 x 30 x 5 mm), with tabs (B) for fixing to the supporting tubes;
- two tubulars made in hot-galvanized steel square section (C - 20 x 20 x 5 mm), welded in diagonal to the external frame;
- two disks (D - diam. 120 mm - thickness 30/10 mm) made in hot-galvanized steel sheet welded in the center of the two tubulars (C) and arranged for coats of arms in cast.

Dimensions and weight

- Height: 920 mm.
- Length: 835 mm.
- Weight: 13 Kg.

Mounting

- This panel is fixed to its support tabs with four M8 stainless steel screws.

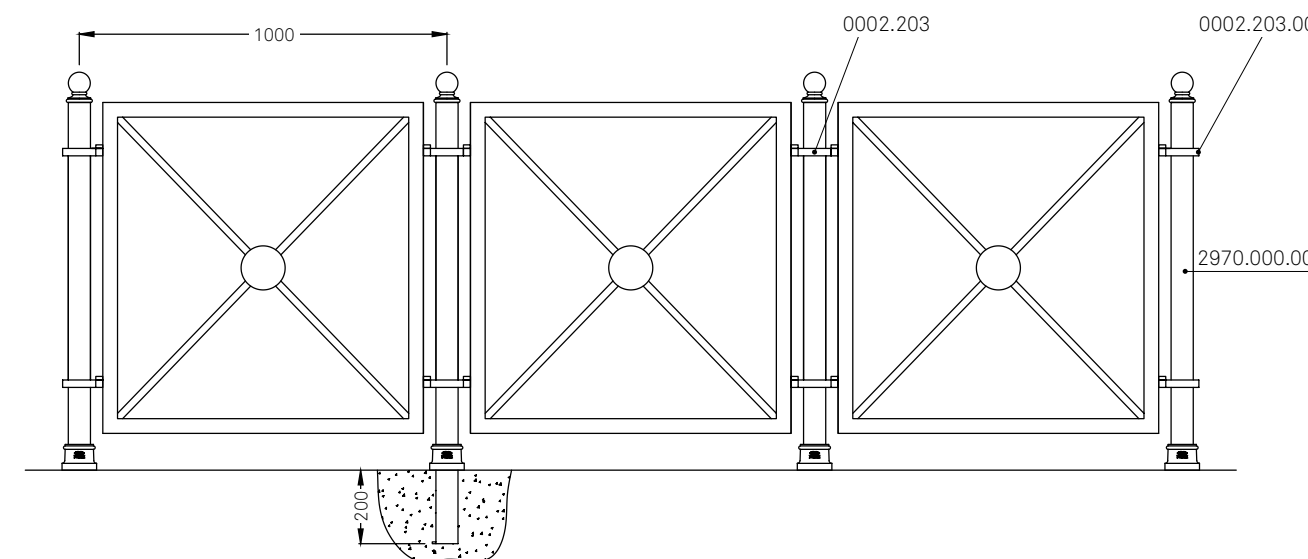
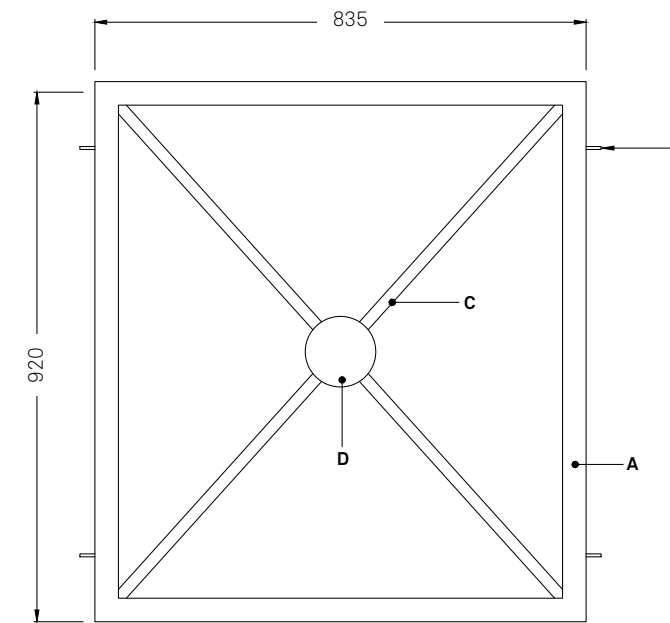
Painting

- Standard color is dark matt gray, type Neri.
- Information about paint steps used on this product in specific technical sheet.

Note

- In the drawing, the foundation plinth (P) is not dimensioned, since must be calculated from designer.

DRAWING - MEASURES (mm)



Examples - Scale 1:20

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NERI

Panel for barriers

9525.439.031

Technical sheet
Rev.B 05-2017

DESCRIPTION

Materials

- Steel UNI EN 10219-1, S235JR, hot galvanized as UNI EN ISO 1461 norm.

Structural elements

- The panel is composed as follows:
- an external frame (A - height 920 mm, length 1335 mm) made in tubular hot-galvanized steel rectangular section (40 x 30 x 5 mm), with tabs (B) for fixing to the supporting tubes;
- two tubulars made in hot-galvanized steel square section (C - 20 x 20 x 5 mm), welded in diagonal to the external frame;
- two disks (D - diam. 120 mm - thickness 30/10 mm) made in hot-galvanized steel sheet welded in the center of the two tubulars (C) and arranged for coats of arms in cast.

Dimensions and weight

- Height: 920 mm.
- Length: 1335 mm.
- Weight: 17.2 Kg.

Mounting

- This panel is fixed to its support tabs with four M8 stainless steel screws.

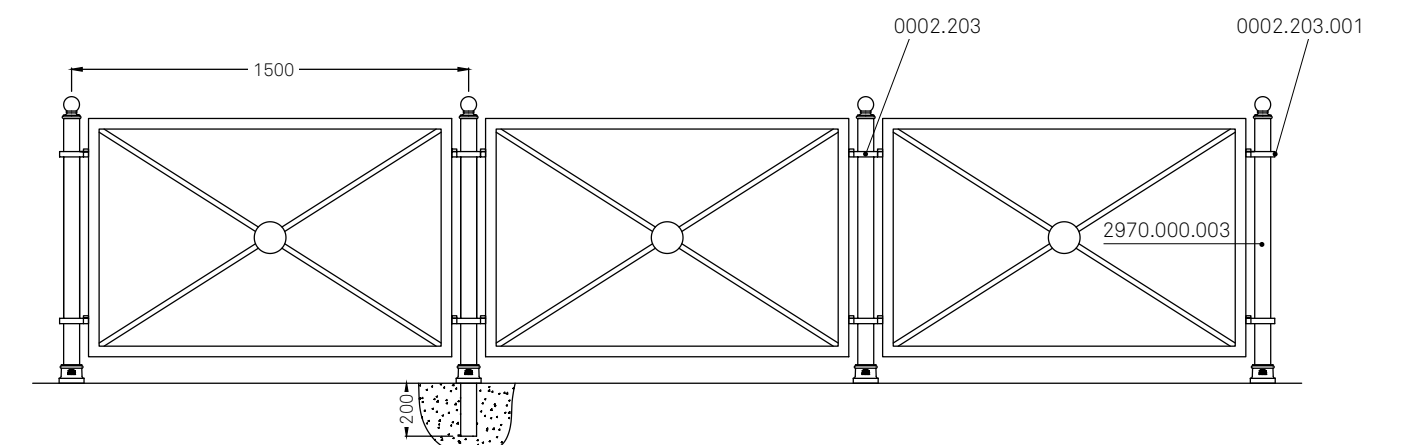
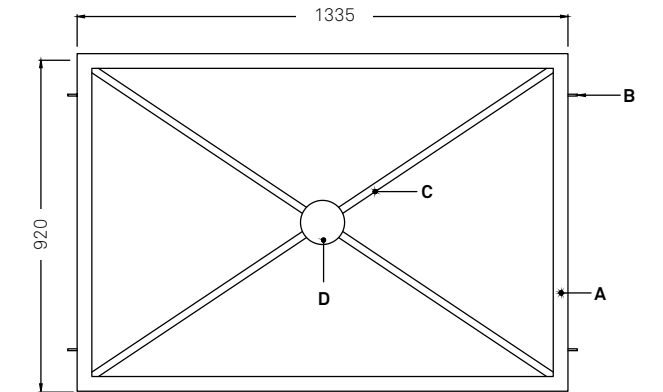
Painting

- Standard color is dark matt gray, type Neri.
- Information about paint steps used on this product in specific technical sheet.

Note

- In the drawing, the foundation plinth (P) is not dimensioned, since must be calculated from designer.

DRAWING - MEASURES (mm)

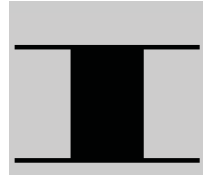


Examples - Scale 1:25

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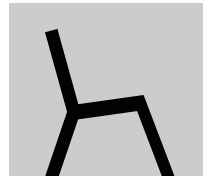


Tables



Nebula

Benches



Nebula



Nebula



Pictor



Brenta L



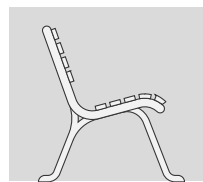
Brenta S



Saiph



Chara



Sheliak



Kuma

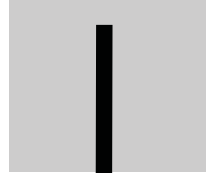


Castore



Alcor

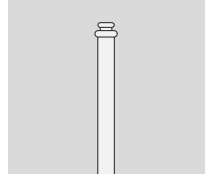
Bollards



Pictor



Chara



Alcor



Sheliak L



Kuma L



Kuma S



Castore S



Heka L



Heka S

Litter bins



Nebula



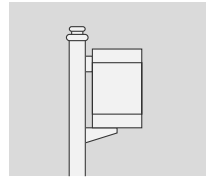
Pictor



Saiph



Chara



Heka Single



Castore



Sheliak

Planters



Nebula



Nebula



Pictor



Brenta L



Brenta M



Alcor M



Alcor S

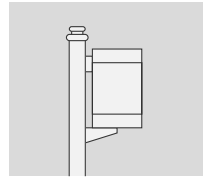
Bicycle rack



Nebula



Pictor

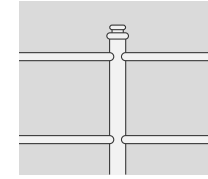


Sheliak



Alcor

Railings



Heka

Thank you