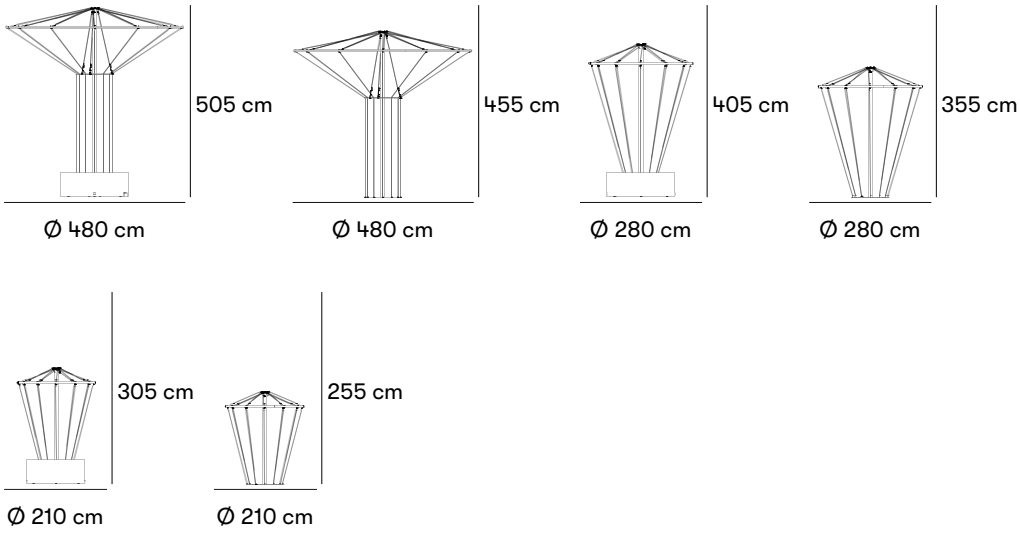
nola®

Arbory
Climbing support

Design Martin Brattström

With advantages such as increased diversity, evergreen presence, faster growth, reduced soil volume, and an aesthetic addition to the urban landscape, Arbory is a viable alternative to a tree in many locations where circumstances may be limiting. The ecosystem services provided by a traditional tree, such as shade, cooling, air purification, and noise reduction, naturally come with it. On Arbory, plants climb on steel wires attached to a steel structure that is anchored in the ground.



Dimensions and weight

Ö20-20 Arbory Climbing Support Large
Height above ground: 455 cm
Total height: 505 cm
Diameter of large ring: Ø 480 cm
Frame: Height: 50 cm. Diameter: Ø 100.5 cm
Center post: Steel tube: Ø 12 cm x 500 cm
Planter: Height: 65 cm. Diameter: Ø 92.5 cm
Weight: 240 kg unplanted

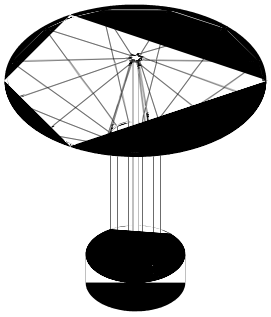
Ö20-21 Arbory Climbing Support Medium
Height above ground: 355 cm
Total height: 405 cm
Diameter of large ring: Ø 280 cm
Frame: Height: 50 cm. Diameter: Ø 100.5 cm
Center post: Steel tube: Ø 12 cm x 500 cm
Planter: Height: 65 cm. Diameter: Ø 92.5 cm

Ö20-22 Arbory Climbing Support Small
Height above ground: 255 cm
Total height: 305 cm
Diameter of large ring: Ø 210 cm
Frame: Height: 50 cm. Diameter: Ø 100,5 cm
Center post: Steel tube: Ø 12 cm x 300 cm

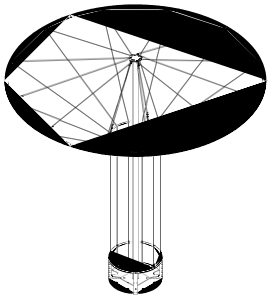
Individual dimensions
Large ring: Steel pipe: Ø 60 mm.
Small ring: Steeöl pipe Ø 26,9 mm.

Product numbers and combinations

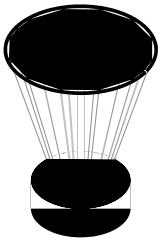
Ö20-20 + Ö20-25



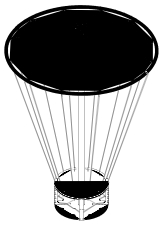
Ö20-20



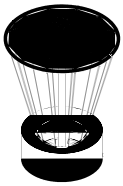
Ö20-21 + Ö20-25



Ö20-21



Ö20-22 + Ö20-26



Ö20-22

Ö20-20 Arbory, Climbing support, Ø: 4,8 m height: 5,05 m
Ö20-21 Arbory, Climbing support, Ø: 2,8 m height: 4,05 m
Ö20-22 Arbory, Small Climbing support, Ø: 2,1 m height: 3,05 m
Ö20-25 Arbory, Planting container with truck channel, Ø1, 85 m, volume 1500 L. For installation above ground.
Ö20-26 Arbory, Planting container with truck channel, Ø1,5 m, volume 1000 L. For installation of the Little Climbing Support above ground.

Append to product number

METAL SURFACE FINISH

C for any color other than standard, starting cost is added.

VARIANTS

Arbory Climbing Support is mounted in the ground. If mounting above ground is desired, the climbing support is combined with a planter.

INSTALLATION TYPE

M for in-ground.

Standard colours

RAL 9005
RAL 6025

Materials and surface treatments

Steel
Nola uses high-quality steel with good strength in our products. Steel rusts if left untreated and must therefore be surface treated.

Stainless steel
Stainless steel is an iron alloy with at least 10.5% chromium that often has good resistance to corrosion (rust) and other chemical attacks. A common misconception about stainless steel is that it does not rust at all; it can in fact corrode, especially in environments near the sea with high humidity.

Zinc powder primer
It´s a thermosetting epoxy powder coating primer that can be applied on several type of metal substrates such as aluminium, steel or galvanised steel. This primer has a robust curing window, allowing excellent inter coat adhesion in direct fired ovens and gives very good edge coverage and superior corrosion protection.

Powder coating
Powder coating is a coating that is applied as a free-flowing, dry powder. Unlike conventional liquid paint, powder coating is usually applied electrostatically and then cured under heat or with ultraviolet light. The result is an even, hard-wearing coloured surface with the desired gloss level.

Assembly and placement

In-ground
Cast in ground.

Maintenance

The components that are made in stainless steel and requires no maintenance.

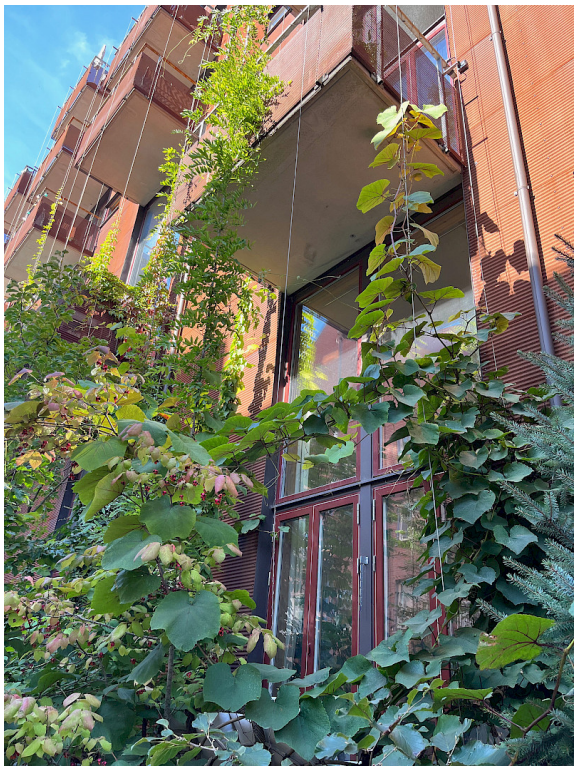
Powdercoated steel
Products that are powder-coated can be touch-up painted with alkyd paint.

Read more in our general maintenance advice at nola.se/en/care-and-maintenance

Designers

Martin Brattström

Martin Brattström is a landscape architect working at Edge. During his education at SLU Alnarp, he wrote his thesis titled “Three-Dimensional Climbing Plants”, which was awarded SLU's innovation prize. This led to the creation of the Arbory plant support system, which became his first product produced by Nola



The designer's inspirational image of a structure for climbing plants that formed the basis for the project.