



Jern Park Bench

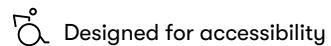
Design Joel Karlsson, Krook & Tjäder Design

Traditional carpentry and modern craftsmanship come together to form this contemporary park bench. The seat height and armrests are optimised for individuals who may be less able, providing extra stability when sitting down and rising to their feet again. Made for use outside and indoors, the bench can be bolted directly to the ground. Conceived as a modular design, Jern can be made in a range of lengths and sizes.

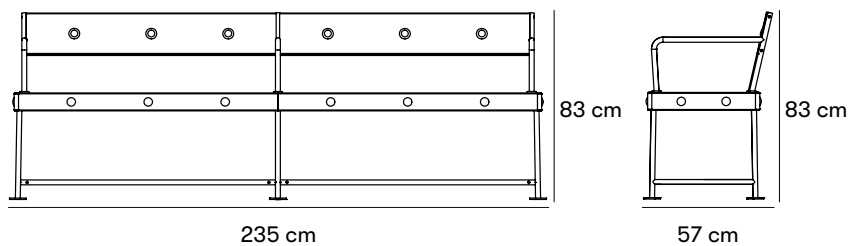
CERTIFICATION



FEATURES



Designed for accessibility



Dimensions and weight

Length: 235 cm
 Height: 83 cm
 Armrest height: 72 cm
 Sitting height: 47,5 cm
 Sitting depth: 45 cm
 Depth: 57 cm
 Weight 73,5 kg

The 235 cm version provides a base model that can be extended in length.

Product numbers and combinations

U20-20 Jern park bench 235 cm
 U20-20/ST Jern Park bench Base section

U20-20 Jern park bench extended section
 /PB

B11-05 Additional fee for choosing a non-standard wood

B11-06 Startup cost for powder coating steel in a color other than standard.
 Choose a RAL colour.

Append to product number

WOOD AND FINISH

ACC for accoya.

MH for oiled mahogany.

LIN for linax impregnated pine.

E for oiled oak.

If you want a different material in the seat, contact us at Nola.

METAL SURFACE FINISH



Standard color on steel is RAL 3009.

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


INSTALLATION TYPE

N for surface mount.

Standard colours

-  RAL 3009
-  Oiled oak
-  Oiled mahogany

 Linux impregnated pine

 Accoya

Materials and surface treatments

Powder-coated steel

Seat in Accoya®

Standard colour: Red Oxide: RAL 3009

Non-standard colors are available at an extra cost.

The product can be produced in other types of wood, please contact Nola for details.

Accoya

Accoya® wood is the result of more than 80 years of research and development into modifying wood through an acetylation process. Accoya® wood is Radiata pine, a fast-growing wood virtually free of knots that is harvested from renewable FSC-certified forests. Accoya® wood has properties that match or exceed those of tropical woods and the treatment process is non-toxic. The pale wood will turn grey over time and may develop dark spots over time. Accoya® can withstand humid and rainy environments very well and expands/contracts less than other tropical-type woods.

Pine

Nola's pine is of high quality and comes from sustainable forestry. Pine is an environmentally friendly, domestically produced material. Damaged or untreated pine is quite easily attacked by decomposition processes; therefore, it is particularly important to repair damaged surfaces.

Mahogany - FSC-certified

FSC-marked mahogany is a wood with good durability in the outdoor environment. In addition, it retains its color tone better than, for example, oak and teak. Mahogany lives and moves, sometimes more than teak.

Oak

Oak is a heavy, hard and medium tough wood. Moderately dimensionally stable in case of moisture changes. Oak wood blackens if it is exposed to moisture or wetness for a long time. However, it does not affect the other properties of the wood. Thanks to its hardness and toughness, the oak wood is suitable for furniture and other use in exposed environments.

Wood oil

Wood oil provides good protection against the stresses of the outdoor climate and at the same time highlights the wood's natural appearance and properties.

Steel

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

Electrogalvanized

Electrogalvanizing (also known as zinc plating) provides corrosion protection through the sacrifice of zinc ions. It is created via a zinc coating on the steel using an electric current.

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.

Linax

Linax is a linseed oil-based impregnation that provides extra long durability in outdoor environments and corresponds to impregnation class AB. The impregnated wood turns gray over time, which means that it should be re-oiled if necessary. Use a linseed-based oil for impregnated materials.

After traditional impregnation according to NTR AB, the wood is boiled in a hot linseed oil with or without color pigments under vacuum. The oil is penetrated into the surface on all six sides, which reduces moisture absorption in the wood and gives a dimensionally stable product over time. The result is a dried product with good resistance to rot that also has long maintenance intervals. Linax-impregnated furniture is intended for outdoor environments only.

Assembly and placement

Freestanding

Freestanding product that is placed directly on the ground.

Surface mount

Can be bolted above ground, to the floor or to a cast-in-place foundation. Bolts not included.

Jern is delivered assembled. The extended version is formed by several parts that bridge two base modules to form the longer length.

Maintenance

Oiled oak

Oiled oak should be oiled twice a year for best protection. Good maintenance can never completely prevent stains from occurring, but oak that is not maintained will turn blacker and turn gray faster, but it still has a very long life. When re-oiling products, a finely boiled oil that penetrates the wood should be chosen over a film-forming oil. Black stains on oiled oak can be removed with oxalic acid.

Oiled mahogany

Oiled mahogany should be oiled two times a year.

Linax impregnated pine

Outdoor furniture requires oiling every 5 years and panel products and roofs require oiling every 12 years. Maintenance should be done with linseed oil varnish. It is important that the wood is clean and dry (max. 20% moisture content) before it is finished with oil. When washing, do not use high-pressure cleaners. Washing should be done with lukewarm water and then rinsed off with a water hose at normal pressure. Strong grease-dissolving agents should not be used, but washing should be done with a mild household detergent. Detergents containing bleach should also not be used.

The oil can be applied with a roller or brush. Too much oil can cause growth on the wood and give a sticky surface. Attacks by growth can also occur if the wood has not been sufficiently dry or cleaned before the oil is applied. Growth does not

damage the wood and is relatively easy to remove, but has a tendency to return.

Accoya

Accoya is maintenance-free and does not require any special treatment to preserve its unique properties. If black spots should appear on the wood from pollution in the air, these are easily removed with any kind of furniture wash.

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](https://nola.se/en/care-and-maintenance)

Versions

The seat height and armrests are optimised for individuals who may be less able. Jern can be made in a range of lengths and sizes.

Character

Traditional carpentry and craftsmanship come together in this contemporary bench.

Designers

Joel Karlsson, Krook & Tjäder Design

Krook & Tjäder is one of Sweden's largest architectural offices and plays a leading role in the city planning. With teams in Malmö, Halmstad, Göteborg, Borås, Stockholm, Uppsala, Östersund, Kristianstad and Oslo, Krook & Tjäder has a large geographical spread, creative diversity and an experienced competence, which ensures a high quality for both bigger and smaller projects.

Joel Karlsson is one of the leading designers at Krook & Tjäder. With a focus on creating high quality, durable products, Karlsson aims to design furniture that stays with us throughout the years.



