

SMART ROBINIA® PRE-DRILLED SYSTEM



SAVE TIME



FLEXIBILITY



SAFETY



ACCESSIBILITY



FEW TOOLS REQUIRED



TRANSPORT MADE SIMPLER



ALWAYS AT THE
CORRECT ANGLE



SUSTAINABLE INNOVATION

Taming 'wild' Robinia wood requires expertise, dedication, a **SMART system** and a **crack team**.

NORNA PLAYGROUNDS has spent several years developing the SMART ROBINIA® pre-drilled system. This means that today we are the only company on the market that has a modular pre-drilled system for Robinia wood. This allows us to drill two completely unique posts exactly the same way, EVERY TIME. This provides many benefits throughout the value chain, from production to the finished result.

Holes with 8 benefits:

Save time

Time normally spent on pre-drilling, adjusting and adapting Robinia posts on the site – is now eliminated.

Flexibility

For example, using SMART ROBINIA® pre-drilled playground equipment, legs on a swing frame can be positioned randomly.

Your safety

The pre-drilled holes also ensure that the posts' mutual positioning compiles at all times with EN 1176.

Fewer tools required

Using pre-drilled posts eliminates the need for drills, countersinks and sanding and milling machines.

Always at the correct angle

Should a post have to be replaced, distances, holes, angles and brackets will always be exactly in position on the part that is being taken out of use.

Transport made simpler

Our playground equipment can be transported as ordinary goods. This means more can be transported by car, benefitting the environment.

Accessibility

The playground equipment can be carried through narrow passages, piece by piece if necessary.

Sustainable innovation

Benefit from our factory and methods which are constantly developing. Our factory - your factory.

We have embraced **new technology and methods** to tame the wild **Robinia wood**



SMART ROBINIA® is your guarantee for eight unique benefits when you purchase NORNA PLAYGROUNDS playground equipment.

At NORNA PLAYGROUNDS we are known as the **crack team**



SMART ROBINIA® – a refined product

Traditional installation of Robinia wood playground equipment requires extensive knowledge of products, the playgrounds standard EN 1176 and the use of several special tools. All of these requirements are reduced when you use a SMART ROBINIA® pre-drilled product.

- All holes are pre-drilled.
- All brackets are fitted.
- Every post is marked for easy identification.

The pre-drilled holes also ensure that the posts' mutual positioning complies at all times with EN 1176 requirements. In other words, there is a significant lower risk of creating unintentional failure during the installation.

With SMART ROBINIA®,
NORNA PLAYGROUNDS,
dealers, fitters and end-
users are guaranteed
correct installation.

Tools needed WITHOUT SMART ROBINIA®



Tools needed for SMART ROBINIA®



SMART ROBINIA® pre-drilled playground equipment is **easy** to install, requiring **fewer types of tools**

When you purchase playground equipment from NORNA PLAYGROUNDS, we ensure that the installation is easy. Our modular pre-drilled system means that you no longer need special tools or have to make a lot of adjustments. Often, Robinia posts have to be adjusted during installation. This preparation requires different special tools, including drills, countersinks, sanding and milling machines. SMART ROBINIA® pre-drilled playground equipment does away with all that.

Look at the image comparing tool requirements for a NORNA PLAYGROUNDS Robinia Swing, LE20201 WITH and WITHOUT the SMART ROBINIA® pre-drilled system.

Modular and easy to replace and extend

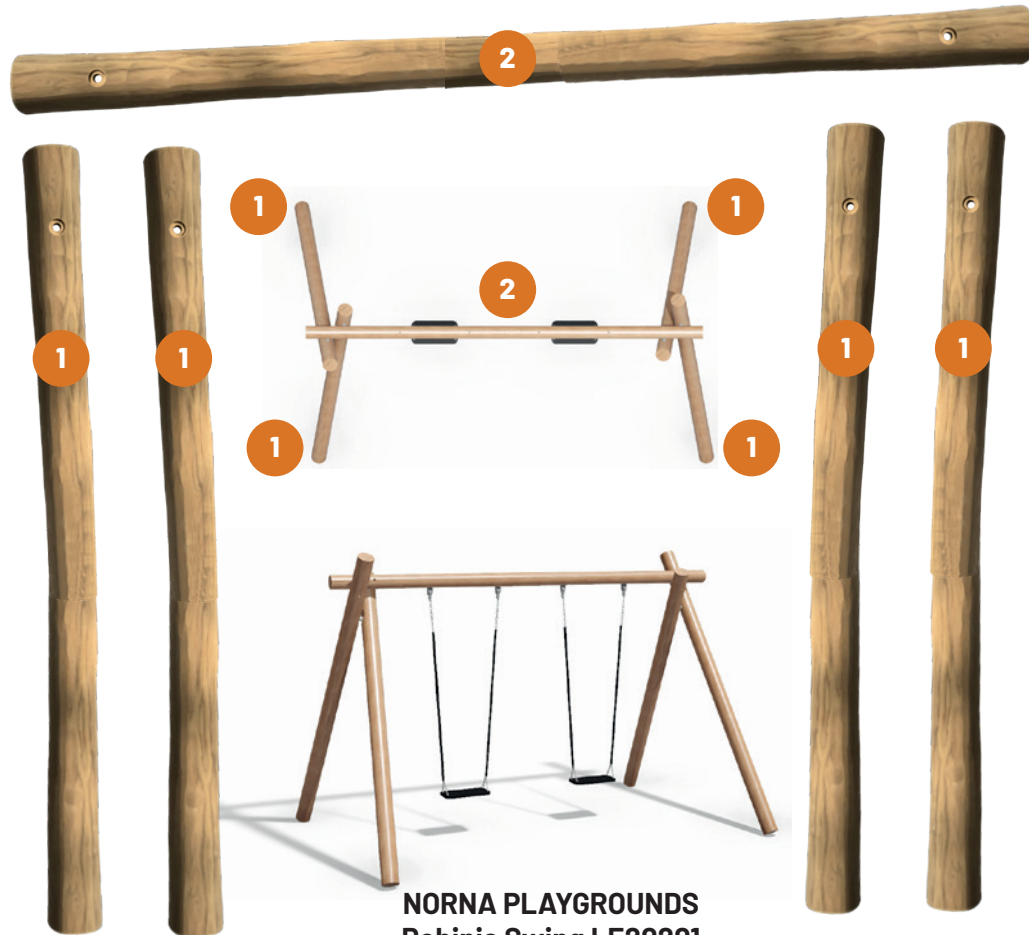
Because SMART ROBINIA® products are more refined, replacing spare parts is easy. SMART ROBINIA® from NORNA PLAYGROUNDS ensures there is modular pre-drilling – every post has been drilled uniformly EVERY time. When something needs replacing, e.g. a swing beam, it normally requires time for adjustments to be made and above all, involves the use of special tools. SMART ROBINIA® does away with all that. Distances, holes, angles and brackets will always be exactly in position on the part that is being replaced.



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SMART ROBINIA® IN PRACTICE

**SAME SIZE
FITS ALL**



NORNA PLAYGROUNDS
Robinia Swing LE20201

SMART PACKING PACKING & TRANSPORT

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SMART PACKING

When you receive a playground solution from NORNA PLAYGROUNDS you also get a well-organised delivery.

Our production methods are **not the only thing that is SMART.** Our **packing and shipping method** is refined - we call it **SMART PACKING.**

When you receive playground equipment from NORNA PLAYGROUNDS, it is organised, stacked and packed into smaller units. This means you can deliver the products to impassable areas. It is also kind to the environment, because the playground equipment can be shipped as ordinary goods with other ordinary goods. **This means more can be transported by car, benefitting the environment.**

When the products reach the owner, they are unpacked using our smart packing system, which organises the individual products clearly in the shipment. Because the products are organised into smaller units, they can be carried through narrow passages, piece by piece if necessary.

- All of the playground equipment is packed separately and is clearly marked with a steel band. This means you keep an overview and the equipment does not become mixed up.
- We have reduced the amount of plastic and packaging that is used.
- We pack as efficiently as possible, taking up the least space.



NORNA PLAYGROUNDS

designed for sustainable and creative play



We design and manufacture natural playgrounds for the whole world, based on children's needs to have their imaginations, creativity and motor functions stimulated. Our playground equipment appeals to both natural and free play for all children, using designs that are sustainable and safe.



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