



NATURAL + ARTIFICIAL GRASS
VERDEMIX: TAILOR-MADE FOR YOU





VERDEMIX IS THE EVOLUTION IN THE CREATION
OF A HYBRID SPORTS FIELD.
YARN IS STITCHED DIRECTLY ON THE FIELD,
BEFORE OR AFTER SEEDING OR AFTER THE
INSTALLATION OF NATURAL GRASS SODS



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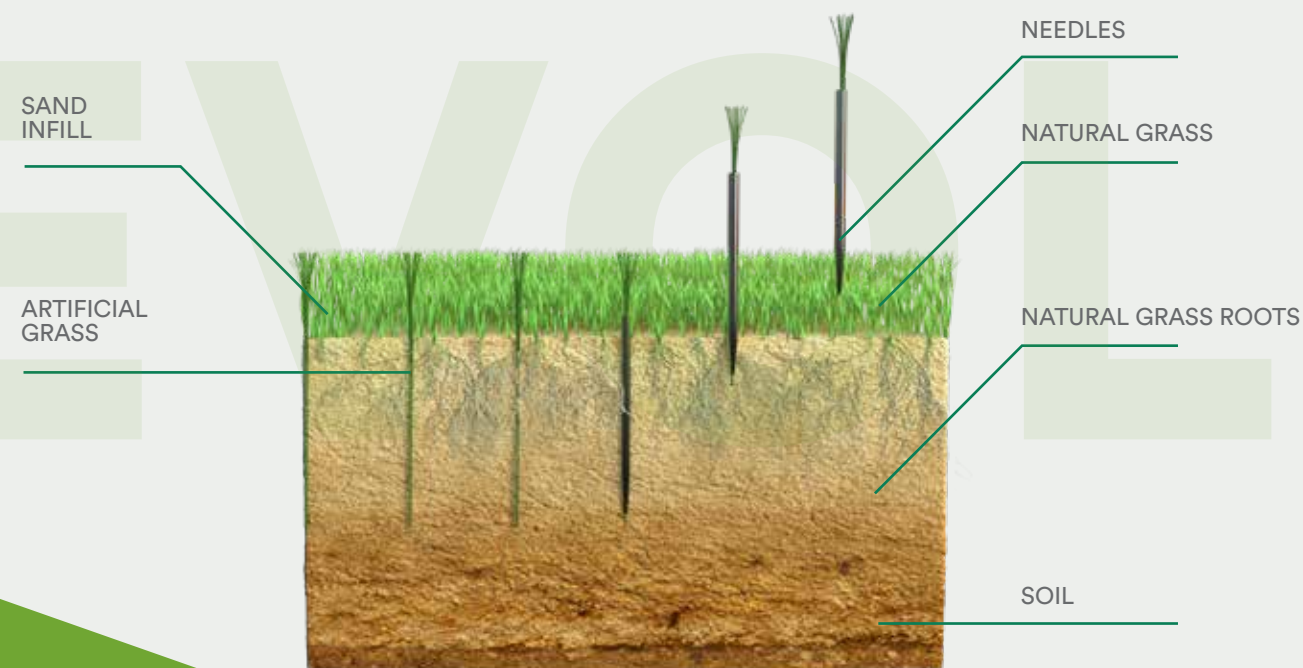




A STRONGER AND MORE DURABLE FIELD

VerdeMix is a **hybrid system** from Limonta Sport that combines synthetic fibres with natural grass, using self-propelled machines to **sew directly into the ground**, reinforcing it.

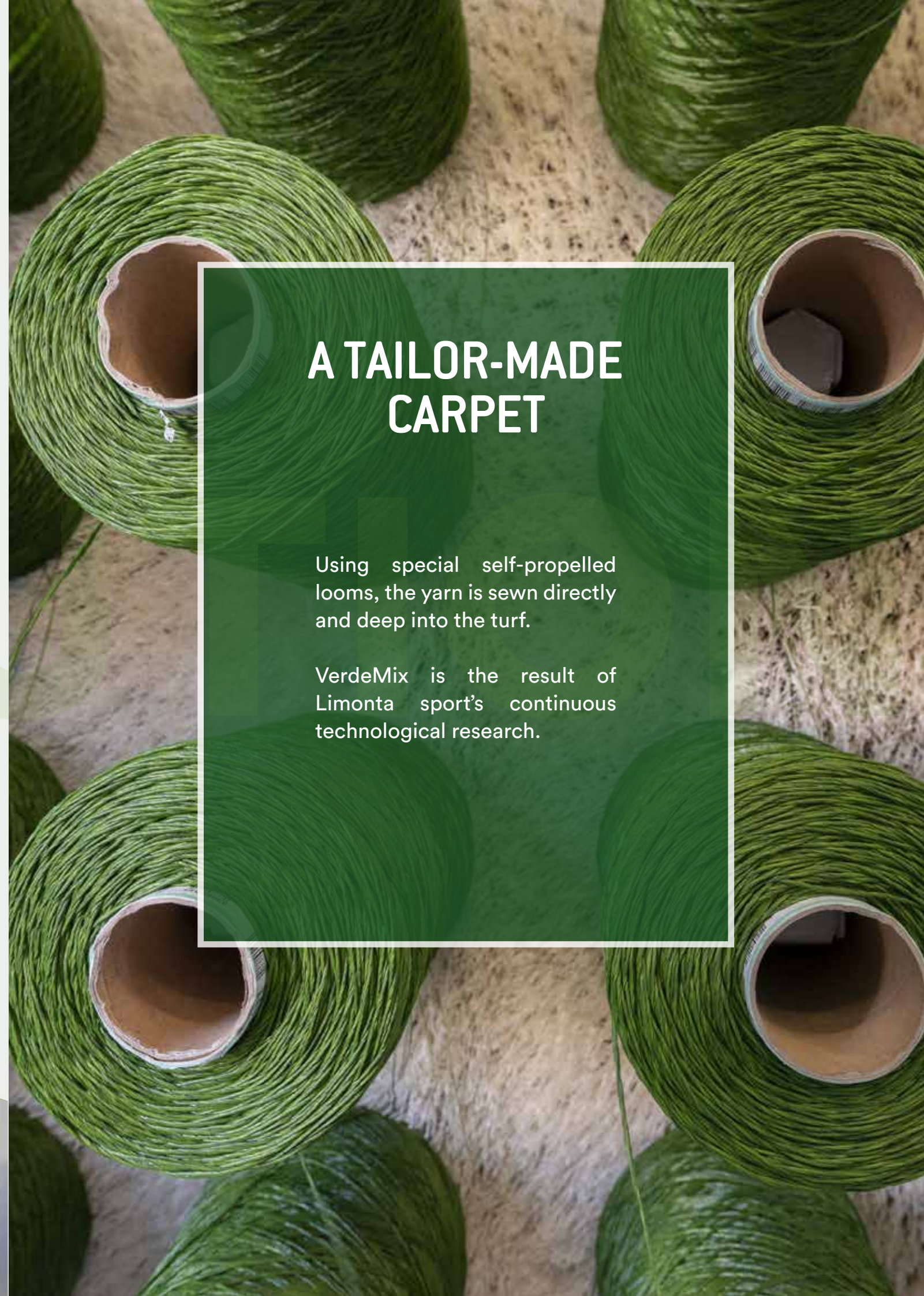
The fibres help stabilise the sand layer and make the surface more even. This cutting-edge technology offers a solution for high-quality, **safe and durable playing fields**.



A TAILOR-MADE CARPET

Using special self-propelled looms, the yarn is sewn directly and deep into the turf.

VerdeMix is the result of Limonta sport's continuous technological research.



WHY CHOOSE VERDEMIX

01

FOUR TIMES
MORE HOURS OF USE

With VerdeMix, the hours of use of the hybrid carpet are four times longer than with a natural field.

Properly maintained VerdeMix fields guarantee maximum functional performance for **at least 10 years**.

4 TIMES
LONGEST
LASTING

02

STRONGER
NATURAL GRASS

The synthetic fibre and stitching, **protects and reinforces the root system as well as the grass blades on the surface**

It reduces play damage and accelerates recovery.

03

A NATURAL
APPEARANCE

The yarn used gives a uniform and homogenous appearance.

When woven into the grass, it blends in with the grass, providing optimal visual coverage of the playing surface at times when the natural grass is under stress and its density cannot be quickly improved (such as during the winter months or after a series of back-to-back events).

04

MORE STABILITY
AND SAFETY

More safety for athletes.

The reduced mobility of the natural turf and the perfect flatness guaranteed by the synthetic fibres result in greater safety for athletes and less risk of injury.

05

ADJUSTABLE
TRACTION AND
HARDNESS

Correct maintenance operations allow the hardness/softness of the surface to be adjusted and the level of traction to be modified.

Verdemix yarn is selected for **its ability to return to its upright position** after being walked on, year after year.

06

EXCELLENT
DRAINAGE CAPACITY

A Verdemix field has excellent drainage capacity to avoid muddy or sludgy areas.





READY IN

6-7 DAYS

A regulation pitch can be fully sewn and delivered in about 6-7 days, using two machines and with a staff working 24-hour shifts.

STITCHED HYBRID GRASS TECHNOLOGY

08

FLEXIBILITY
REALISATION*



07

FOR THE NEW
AND FOR THE EXISTING

Stitching operations are possible on both existing and newly created fields (before or after sowing).

VerdeMix stitching operations can be performed with a degree of flexibility depending on the project timeline:

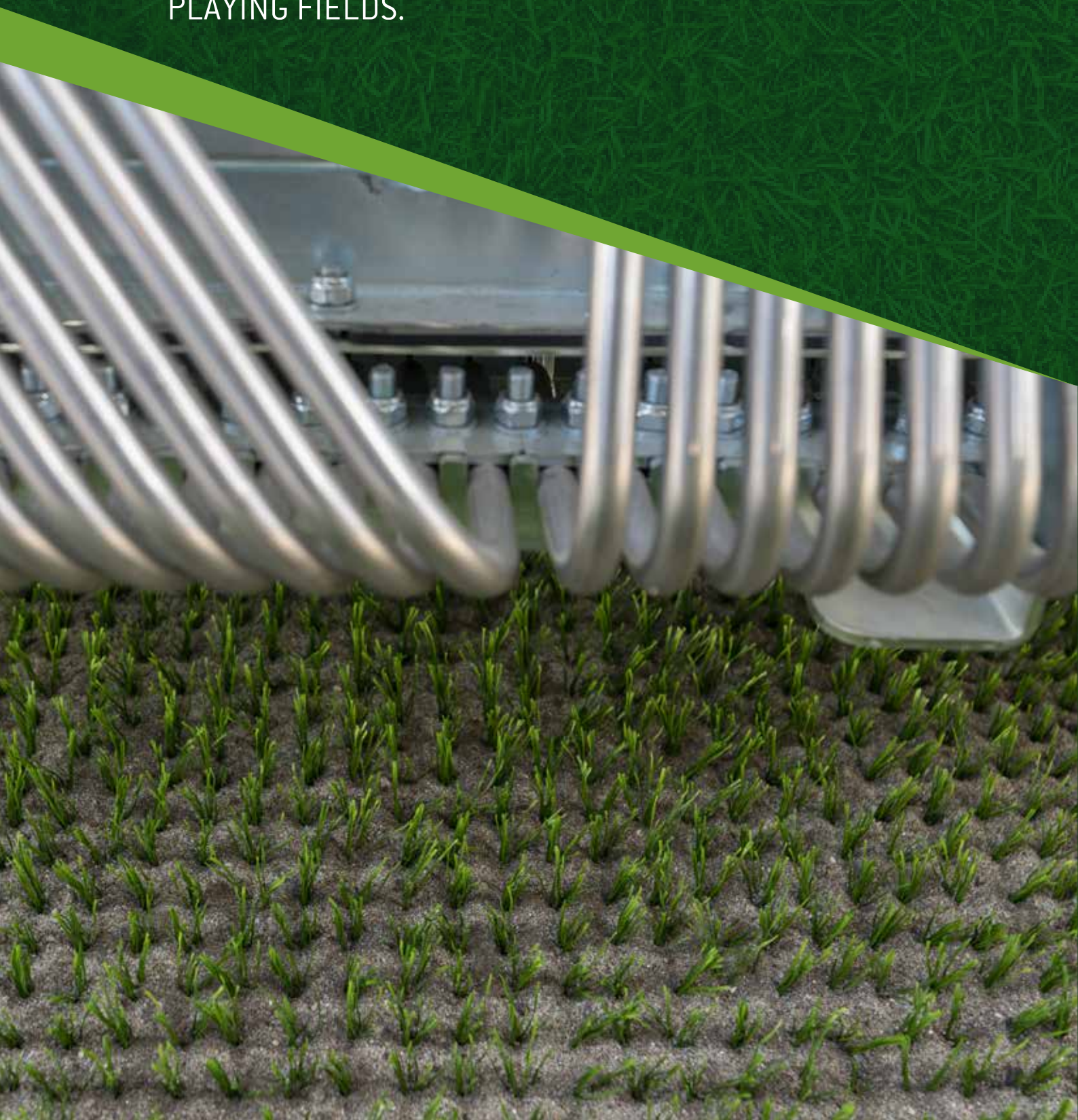
- stitching before sowing in the sandy sub-base.
- stitching on recently laid clods, to allow for the uniform growth of natural grass in the system.
- Stitching on a pre-existing field.



* it is important that the sub-base profile meets the VerdeMix requirements.
The VerdeMix stitching system is not implemented in surfaces that are not suitable for the operation.



THE REVOLUTIONARY VERDEMIX TECHNOLOGY
SEWS SELECTED QUALITY SYNTHETIC FIBRES
DIRECTLY INTO THE GROUND. THE FUTURE OF
PLAYING FIELDS.



innovation





IN THE VERDEMIX HEART

09

UP TO 40
CENTIMETRES OF YARN

The modular unit can be adjusted to a depth of up to 18 cm (yarn length up to 40 cm), with a useful width of 1,760 mm.

The yarn is fed into the ground according to customer-specific requirements (2x2 cm, 2x3 cm, etc.).

40

CM OF YARN

10

A CHASSIS
WITH NINETY SUPPORTS

The chassis consists of ninety synthetic fibre reel holders.

Easily accessible and ready for loading, they enable fast and efficient operations.

90

SUPPORTS

11

ADAPTABILITY

The machine-frame, equipped with sensors for height and direction, sews at different depths adapting to the contours of the field.



SUSTAINABILITY AND RELIABILITY

A significant advantage of the VerdeMix machine is its electric nature, which guarantees unparalleled ecological sustainability.

As it requires no fuel, it eliminates the risk of damaging the turf during installation.

This ensures a safe and efficient installation, preserving the integrity of the playing field and helping to reduce environmental impact.





Germany
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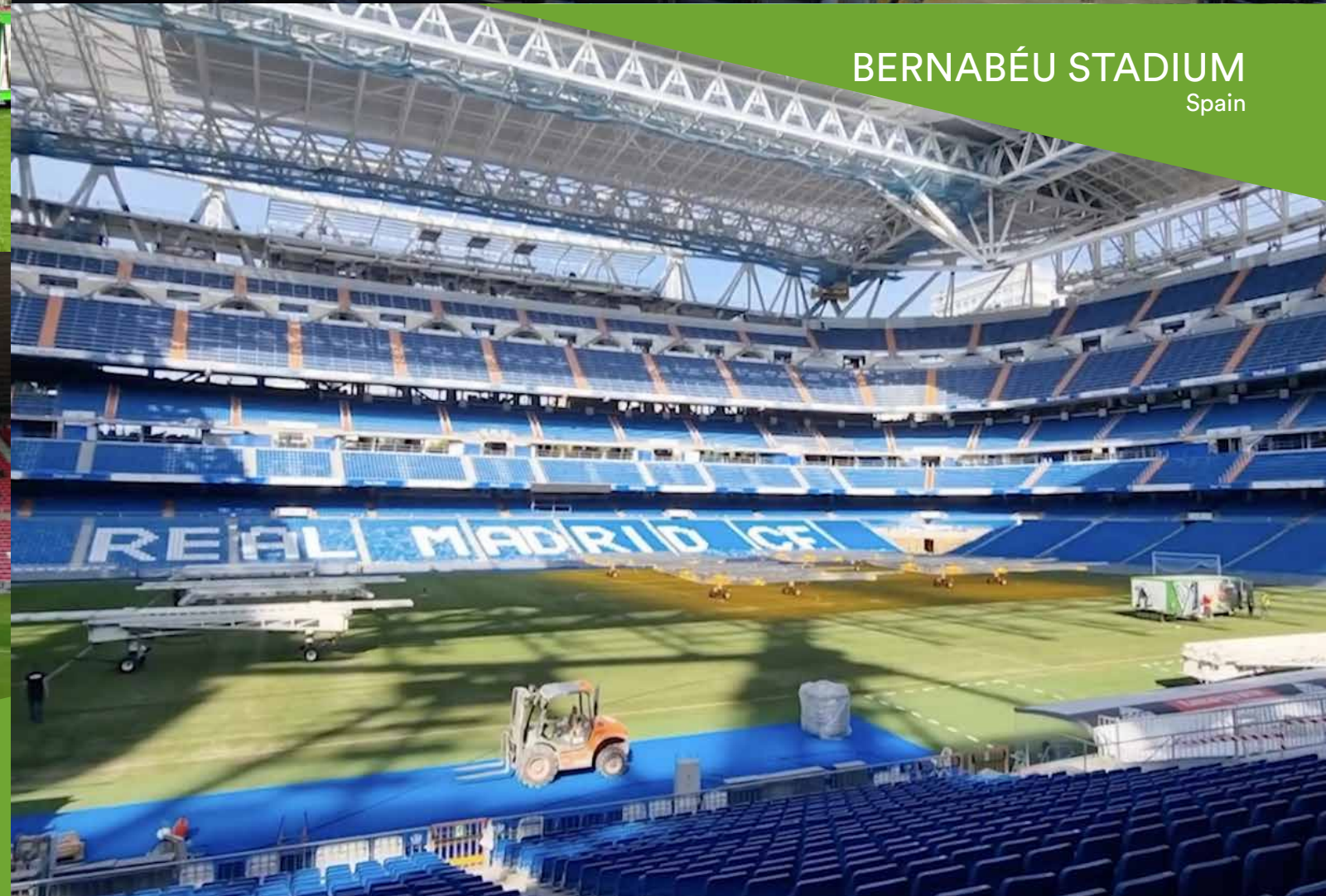
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Italy
U-POWER STADIUM
Best pitch in Italy 24/25



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www.LimontaSport.com info@limontasport.com