

# CB 2400 SD



**CarpetBeater®**



Picking up the grass directly.



The remote control makes it possible to control the machine very precisely from a distance.

# The all in one solution for sustainable

# recycling of artificial grass sport facilities



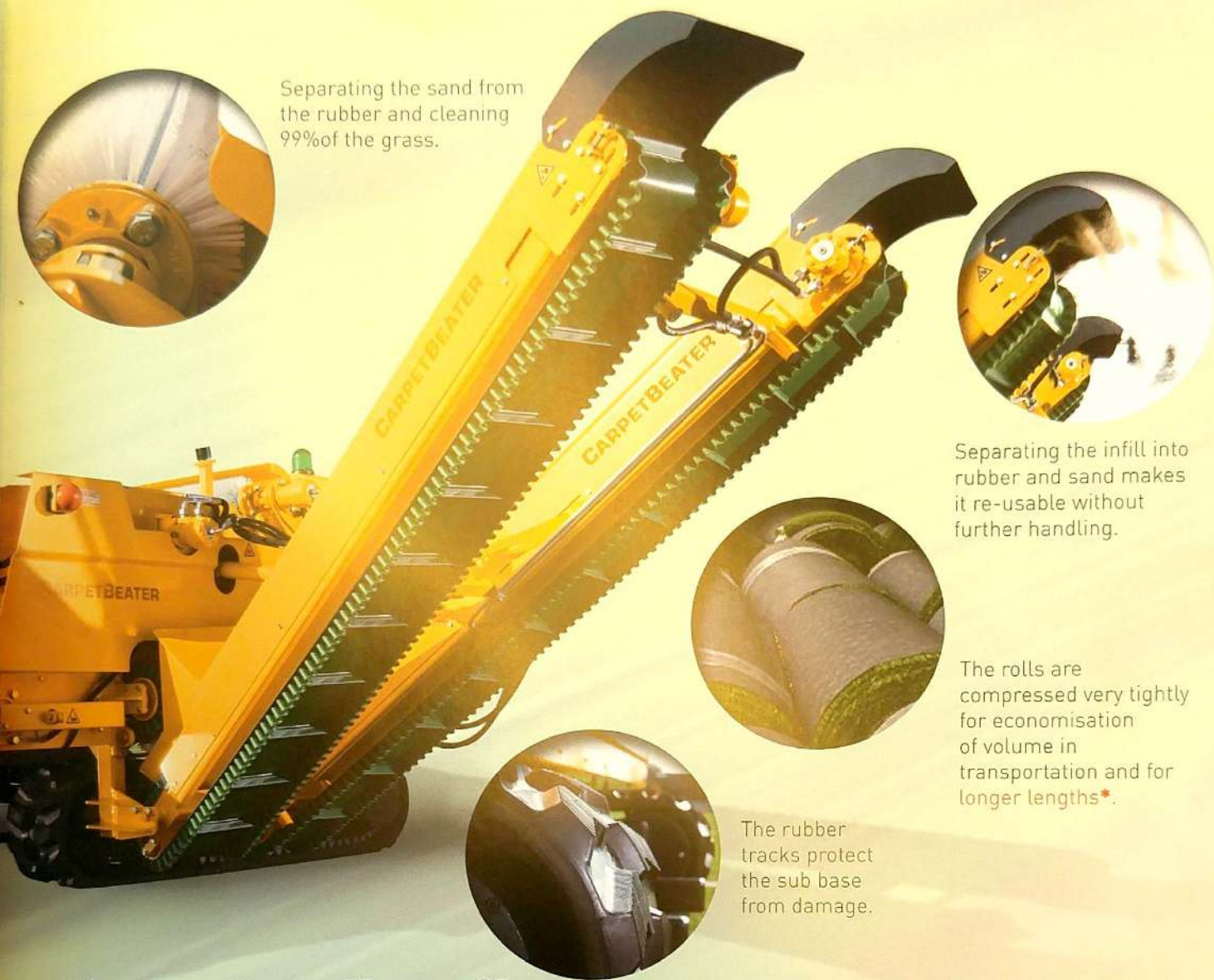
## The challenge

The innovation of our latest machine brought us the CarpetBeater CB 2400 SD. It was our challenge to produce an integrated machine that picks up the grass, cleans 99% of it, rolls it up and separates the infill of the grass directly in sand and rubber (oak).

But that wasn't all!

We also looked for qualities like speed and efficiency, punctuality, easy to handle, user-friendly and for safe and low-cost transportation of the machine in every measure.

Our clients specified two of their priorities: to maintain the structure of the sub base (bound stone base, unbound stone base, e-layer or shock pad) under all circumstances and to make the re-use of a main part of the old grass possible and lucrative.



Separating the sand from the rubber and cleaning 99% of the grass.

Separating the infill into rubber and sand makes it re-usable without further handling.

The rolls are compressed very tightly for economisation of volume in transportation and for longer lengths\*.

The rubber tracks protect the sub base from damage.

## The CarpetBeater CB 2400 SD

The CarpetBeater CB 2400 SD meets the aims and wishes of our clients.

The specific qualities of this efficient machine are:

- A working width of 2.40 meters.
- Production of 2500 - 4000 square meters per day.
- After beating the grass, the machine cleans 99% of it under all weather conditions above 0° C.
- It rolls up to a maximum of 300 square meters.
- It rolls the carpet up very tightly to minimise volume and thereby save maximum space in transportation.
- There are less people needed in the process.
- It is self-propelled with a remote control, which allows for working with it from a distance away from dirt and noise.
- It has a self-driving system on rubber tracks, which makes it possible for it to work in every condition.

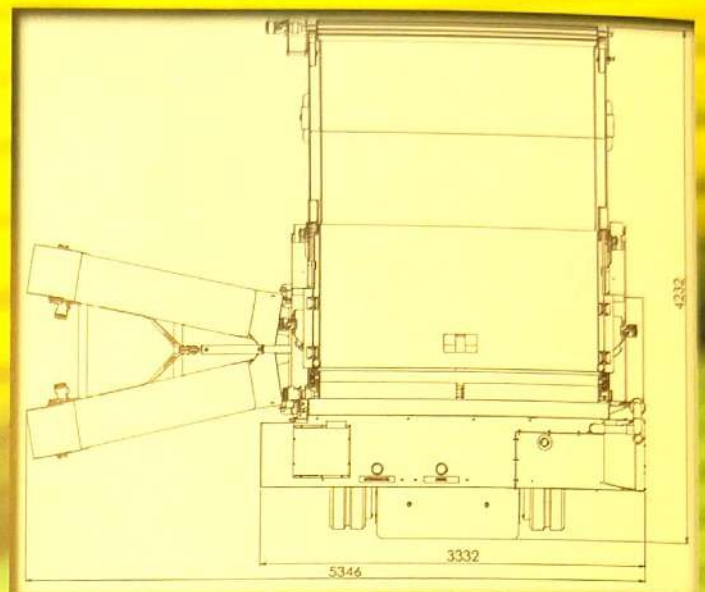
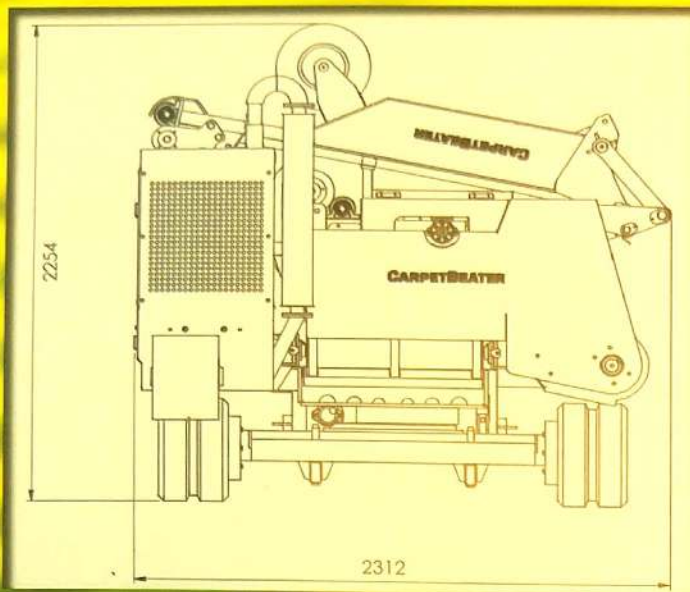
- It makes a high contribution to the sustainable recycling of artificial grass.
- It makes second-hand artificial grass affordable for low-budget clubs.
- Integral patented.

### Variations with the same qualities

- A working width of 1 to 5 meter.
- Connected with a tractor.
- Placed in front of a loader.
- Any wish of the client.

### \*Longer Lengths

The longer lengths of the rolled up grass and the various widths make the CarpetBeater CB/SD types unique. They can pick up the strips over the entire width of a field in one time. This capabilities make it possible to cut and store the grass in a way that the later gluing and/or stitching of the seams is limited. It goes without saying that the fewer seams, the more useful and valuable the secondhand grass remains.



## History and background

In the past 7 years, several models of the CarpetBeater were made before the CB 2400 SD was constructed. Thomas Schuurman is the inventor and the technical constructor of the machine. His worldwide experience with the preparing of sub bases for new grass sports facilities (natural and artificial) on the highest level over many years, gave him the expertise to create the first CarpetBeaters. His practical experiences along with the feedback of his customers were instrumental in the development of this new integrated version. Sustainable recycling in combination with efficiency, speed, quality and high usability under all circumstances were his main aims for this development. User-friendliness was also a big issue. As a man on the job, Thomas knows the benefits of a remote control. The CarpetBeater CB 2400 SD and the variations available are a big step in making sustainable recycling of artificial grass sport facilities practicable.

## CB 2400 SD

### Technical specifications

Width machine	:3332 mm
Width with conveyor belt(s)	:5340 mm
Length	:4232 mm
Height	:2119 mm
Motor	:Perkins 37 KW
Speed	:0.3 - 3.0 km/h
Remote control	:digital/electronic/ proportional/balanced
Hydraulic plant	:load sensing
Working pressure	:150 bar
Quality mark	:CE

**Patented**

### **CarpetBeater**

#### **Galeslot Constructie B.V.**

Middenweg 31  
1394 AC Nederhorst den Berg  
Netherlands  
Tel: +31-294-252145  
[www.galeslotconstructie.nl](http://www.galeslotconstructie.nl)  
[info@galeslotconstructie.nl](mailto:info@galeslotconstructie.nl)