User manual art. GP55
"Drone"
(version 2019-10-10)

Latest version is located at www.govaplast.com

GOVA play PLAST®

type GP 55
EN 1176-1: 2017
year 2019
conforme aux exigences de sécurité
tranche d'âge 1 <=> 12 age range
s-n°
Govaerts Recycling NV
Kolmenstraat 1324
3570 Alken
Belgium

This item is TÜV certified.

+/- 170

60

+/- 150
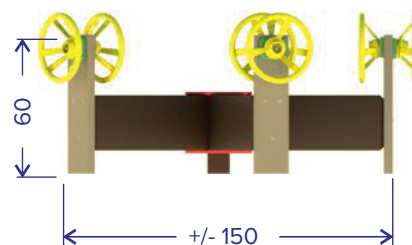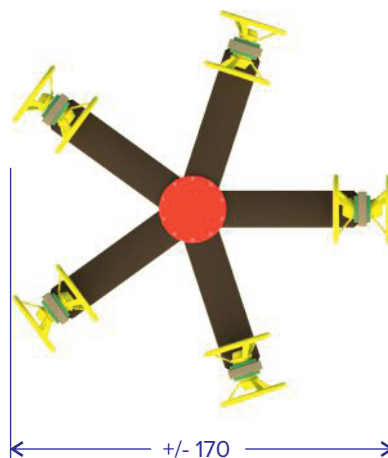
+/- 96kg

Mounting

The drone is delivered in pre-assembled parts with 10 detached steering mechanisms. Easy assembly (see page 3). Mounting of a non-assembled drone (non-assembled delivery only on demand (mounting from page 4).
The surface needs to be hard and even.

Material

- Solid boards made of recycled plastics (PE) coloured throughout (beige, green, brown)
- Stainless steel screws and nail plugs
- 10 replaceable steering wheels

Maintenance

The plastic material requires very little maintenance, that is cleaning with soapy water and a sponge or soft brush and rinsing with water to remove dirt and soap. As the materials' water absorption is less than 0.29%, it will not get stained by oil, grease or other products. Moss and algae will not adhere easily and can easily be removed. Cleaning with high-pressure (max. 100 bar) is possible but not recommended and mostly even not necessary. Spray with a fan-shaped jet with minimum 30 cm distance from the surface. Painting or staining is useless as the material does not need extra protection and moreover the paint will not stick to the plastic.

Inspection Requirements

Visual inspection:
Weekly or monthly, depending on the intensity of use.

Functional inspection:
Monthly or four-monthly, depending on the intensity of use.

Detailed inspection:
Yearly

Special attention during functional or detailed inspection:
- Check all parts are tight.
- Check worn, loose, damaged, missing parts.
- Check screws sticking out.
- Check anchoring on hard soil.
- Steering wheels must be tightly secured.
- Vandalism?
- Is there play on the steering wheel?

Use original Govaplast parts when repairing is required, to ensure the TÜV certificate remains valid.

Installation

The installation needs to be done on a hard and even surface. The equipment cannot be installed on a loose surface such as a sandpit, wood chips, bark mulch), unless a special bearing construction is installed (not standard).

Security Zone

An obstacle-free area of minimum 150 cm around the equipment is required.

No fall absorption surface required

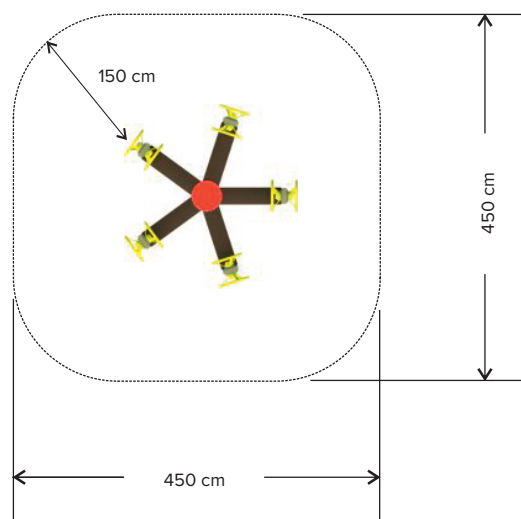The equipment's fall height is less than 60 cm. Therefore it's allowed to install it on a hard surface.

Anchoring or not?

According to the European standard, playground equipment needs to be anchored. Anchoring of this specific equipment is not required if installed on a school playground with supervision. In case the playground is only used by the school itself, the security risk due to not anchoring the equipment is relatively small. If there is no anchoring we definitely advise to mark the equipment's position on the playground in order to be able to place it back correctly after temporary relocation, respecting the required 150 cm obstacle-free area.
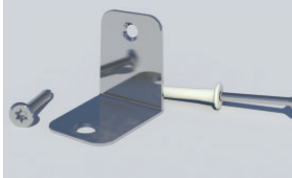
In case of anchoring:

The equipment is anchored by screwing the 5 stainless steel L-hooks supplied, to the 5 outer edges of the beige boards and securing them with nail plugs supplied. We advise pre-drilling the board with a 4 mm wood or metal drill. Drill the holes for the nail plugs with a 8 mm stone drill.
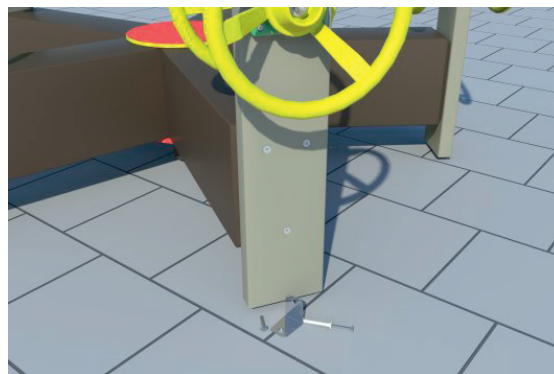
Important advice

To drill the holes use a sharp drill and first put the plastic part of the plug in the hole. Then screw the metal nail into the plug instead of hammering it. This way, you avoid damaging the head of the nail and unfixing will be easy.

Stainless steel L-hooks
+ torx screws 6 x 40
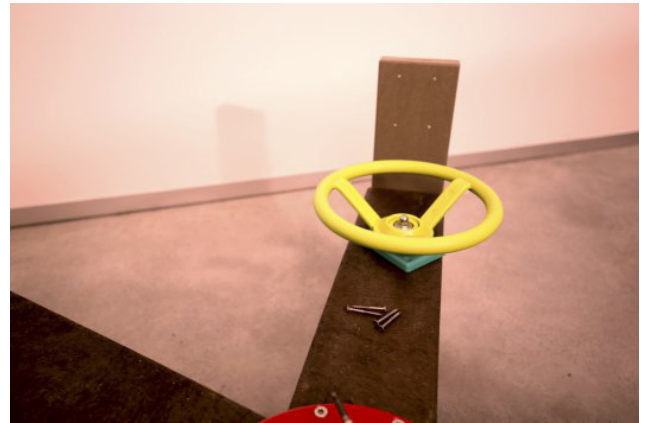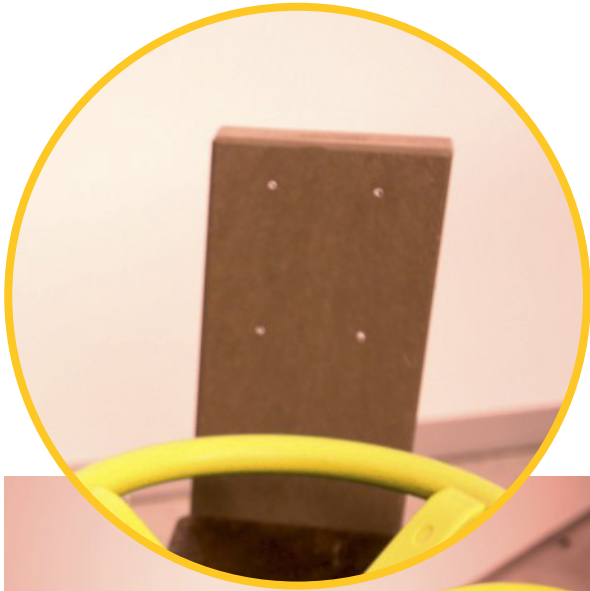+ nail plugs 8 x 60

5x

Replacement steering wheels

Through intensive use, the plastic mechanism in the steering wheel is subject to wear. The wearing of the wheel and the other plastic parts, causes play on the system involving necessary replacement after a few years.
The wheel can't come loose from the green plastic mounting plate, as the cap nut is permanently glued onto the metal shaft. Replacing the whole system is not difficult though, as the green plastic mounting plate together with the wheel can be unscrewed from the board/post/play and a new steering system can be screwed.
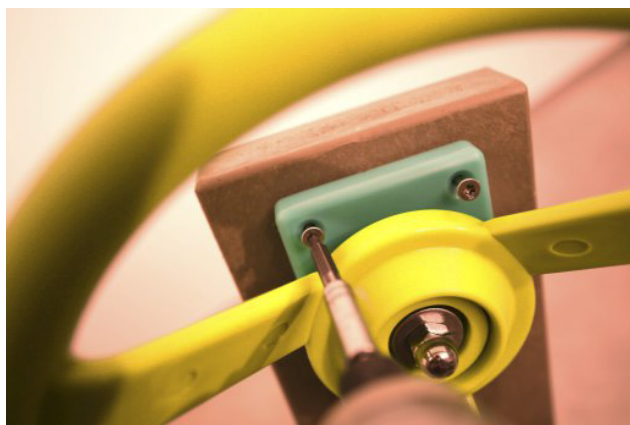
Standard procedure: drone is already pre-assembled

The 10 steering wheel mechanisms are already mounted on the plastic plates. You only need to screw the plates onto the boards.

Secure the 10 steering wheels with the countersunk stainless steel screws T25 through the plastic plate. The holes in the beige boards are marked.
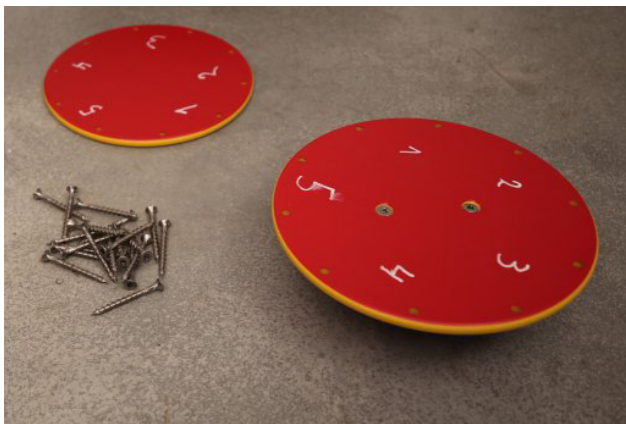
Mounting of a non-assembled drone
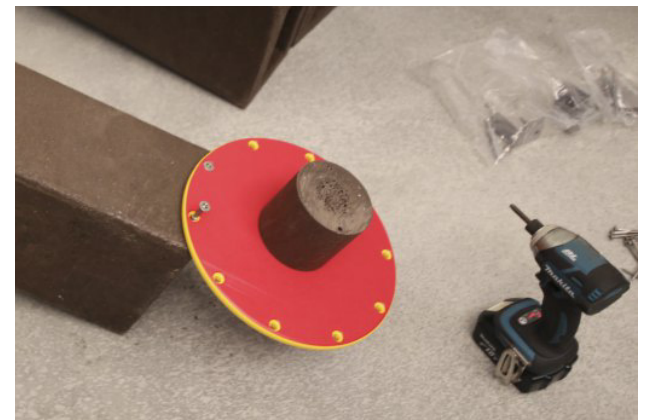
(non-assembled delivery only on demand)

Delivery on a 80 x 120 cm pallet. First assemble the star-shaped structure, then secure the 10 steering wheels with the screws supplied.

The pallet contains the 5 arms of the drone + a box containing:
- 10 steering wheels with metal axe on plastic plate
- 40 countersunk stainless steel screws T25
    ↳ To secure the 10 steering wheels to the drone through the plastic plates
- 1 red lower disk, brown support, 1 red upper disk
- 20 countersunk stainless steel screws T40
    ↳ To connect the 5 arms through the 2 discs
- 3 bags with each 2 stainless steel L-hooks + screws & plugs
    ↳ In the event of anchoring the drone onto the hard ground
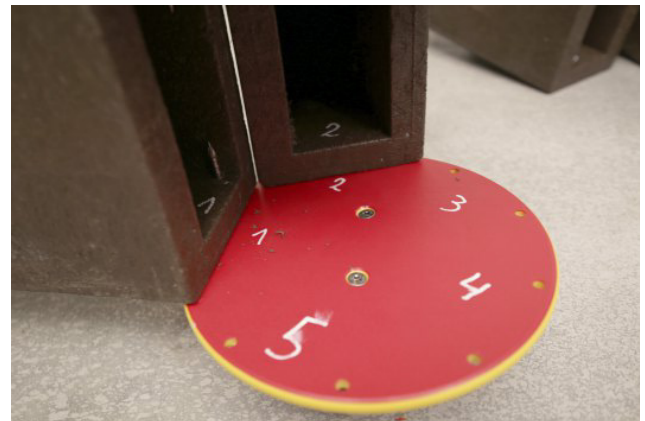

The drone has been assembled before and the parts have been numbered. Observe the order of the numbered parts.
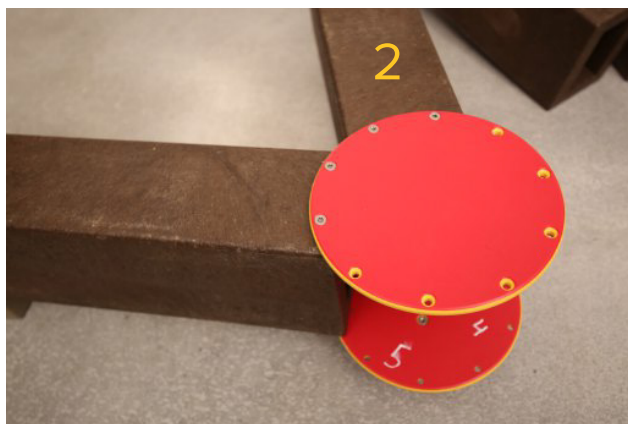

Turn arm n° 1 upside down and screw the lower disc with brown support onto the arm in the pre-drilled holes.
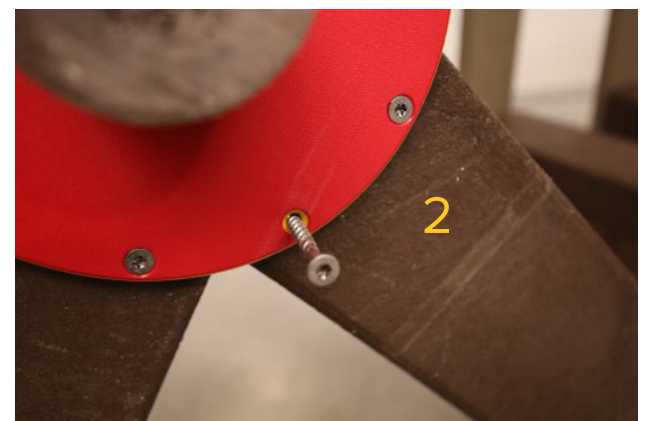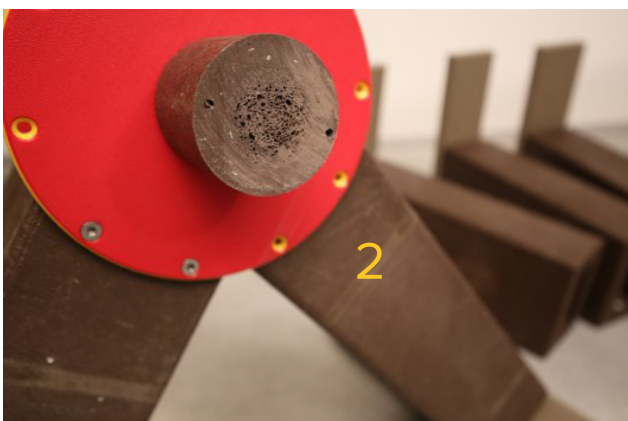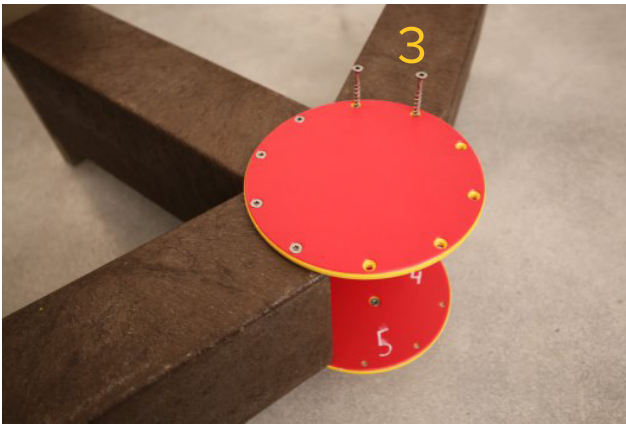
Turn arm n° 1 back again.

Screw the upper disc onto arm n°1 (observe the order of numbers!) and put arm n° 2 between both discs.
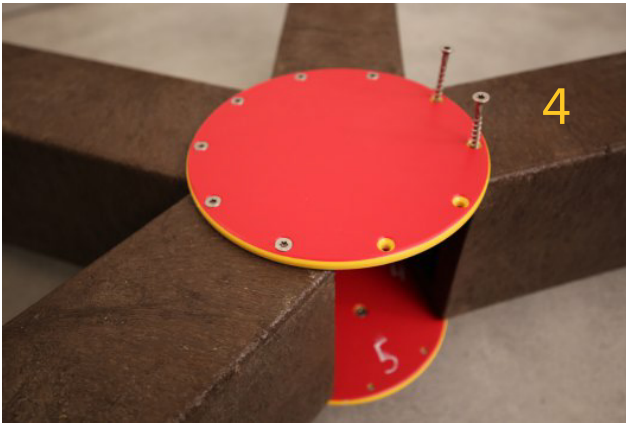

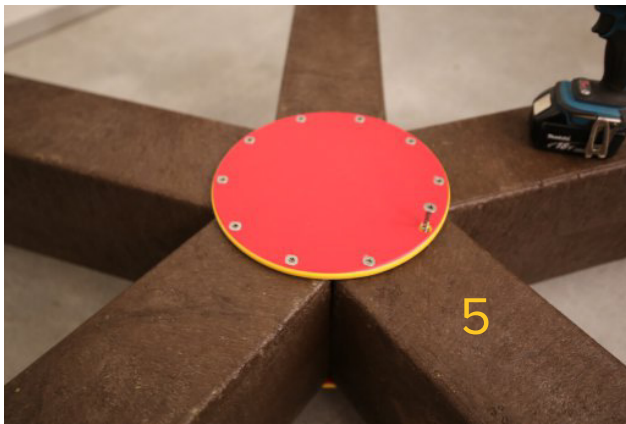Screw the upper disc onto arm n° 2 and set this assembled part upright.

Screw the lower disc onto arm n° 2

Screw the upper disc onto arm n° 3 and set upright, screw the lower disc onto arm n° 3

Screw the upper disc onto arm n° 4 and set upright, screw the lower disc onto arm n° 4

Screw the upper disc onto arm n° 5 and set upright, screw the lower disc onto arm n° 5