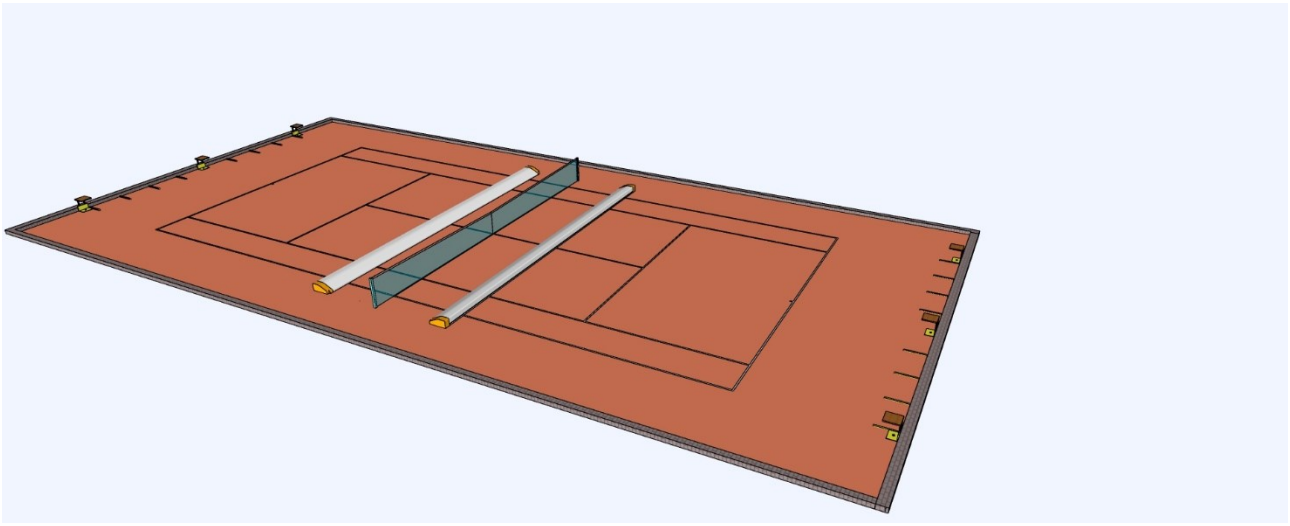
TROBOT.CC

Court covering for clay courts



Court covering

TroboT for unwrapping the tarpaulin moves from the bottom of the tennis court (Harborage) toward the court net and stops when the net is reached. TroboT returns back to its Harborage wrapping up the tarpaulin after a given time of no rain, or through a remote command from a PC. If the anemometer detects a wind speed higher than a given value, court covering can be automatically disabled. When the two TroboT have deployed their tarpaulins and have reached the court net, the court area going from the two net poles to the end of court, will be completely sealed from rain.

Court levelling out

In the front of TroboT's section are installed a series of brushes which level out the court surface when TroboT moves from its Harborage toward the net and vice versa.

Cleaning of the white lines

Inside TroboT is installed a rotating brush rod whichcan clean the white lines when Trobot moves toward the court net and vice versa.

Court sprinkling

TroboT fills up the water tank when it is positioned in its Harborage. When required, the tank water is sprinkled onto the tennis court. A level switch signals the tank level.

Remote commands from a PC or Tablet

1.TroboT levels out the court surface and cleans the white lines. It movesfrom its Harborage till the court net and from the court net to its harborage.
2. TroboT levels out the court surface, cleans the white linesand sprinkles the court.It movesfrom its Harborage till the court net for levelling out an cleaning and on its way back it sprinkles the court.
3. TroboT covers the court with a tarpaulin. It moves from its Harborage till the court net.
4. TroboT wraps up the tarpaulin. It moves from the court net to its Harborage.The activities 1. and 2. can be activated by the tennis players when leaving the play ground.

Scheduling the TroboT's activities

The activities1. 2. 3. 4 can be scheduled on the remote PC and TroboT will carry them out at the predetermined time. The court covering and uncovering can be piloted by a humidity sensor and an anemometer to safeguard the tarpaulin in case of severe weather.