



ARTIFICIAL INTELLIGENCE FOR ARTIFICIAL TURF



TurfRouter TR500

RELEASE 2019



passion for sports grounds

TurfRouter

TR500

Autonomous mobile robot for the cleaning and care of artificial turf.

The TurfRouter is powered by 12V lead acid batteries; which allow a operating time of 3-4 hours. The max. Driving speed is 5 km/h. The charging time is 6 hours. For localization and navigation the TurfRouter is equipped with a field positioning technology processes information from the GPS/GNSS system and the gyroscope. The safety concept includes ultrasonic sensors and a collision protection at the front of the TurfRouter. The operation is done either by hand or radio remote control. The communication for the exchange of all device / work data takes place via SIM card, Bluetooth or WLAN. Via an APP, these data can be read out with conventional devices and monitored.

At the rear of the TurfRouter is a 3-point hitch with electric cylinder and tow ball for pulling and lifting attachments, such as the established "bestseller" TurfCare, the "diamond-shaped" RigidBrush or a magnet bar. The TurfRouter works according to the SMG route for optimal maintenance and cleaning of artificial turf and needs about 3 hours for a full-sized football pitch.

Depending on the frequency of the artificial turf or the cleaning needs, other routes can be defined. Likewise, areas of the football field which are to be treated more or less frequently and the place for recharging the TurfRouter can be determined. The drive wheels can be unlocked without tools; therefore a manual pushing of the device is easily possible. All attachments of the TurfRouter can also be towed by other vehicles such as small tractors or quads. Thereby, e.g. several maintenance steps can be made simultaneously.

Art.-No. 6231886

Drive	Wheel hub motors (electrically)
Performance	2x 12 V / 108 Amp / 2,600 W
Weight	100 kg
Dimensions	L 1,490 x W 800 x H 770 mm

Subject to technical alterations



TURFCARE TCA500

Ground driven, tow-behind device for the cleaning and care of artificial turf, working depth of the rotating brush and the decompaction unit as well as the vibrating screen are adjustable; working width 500 mm



PRECISE.

Rigid brush device, working width 800 mm



EASY HANDLING.

Operation via hand- or radio remote control.



TurfRouter

ATTACHMENTS



TCA1400

Art.-No. 6400160



TCA500

Art.-No. 6215251



Rigid brush device

Art.-No. 6232727

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