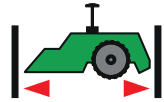


HIGH TECH AND INNOVATION

Obstacle detection

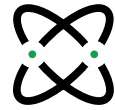


Position system
GPS / RTK



Obstacle recognition
Anti collision

Control of maintenance area



Controlled
Navigation
Gyroscope



Speed
Revolution speed
control



Directional
stability
Chronometer

Safety management



5G/4G network
Connection to
maintenance server



LIDAR
3D distance control



Enginemanagement
Hi/Lo Sensor

TECHNICAL DATA

Size (LxWxH)	1470 x 1490 x 934 mm
Weight	175 kg (203 kg with brushes)
Battery Capacity	approx. 4 h 30 min
Charging time	8 h / 230 V
Battery Types	2 x 24 V Battery packs

Scope of delivery	BUKY ONE incl. charging cable, Brush, Rake, Magnet bar, Remote control
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SERVICE AND AFTER CARE

Worry-free with the BUKY ONE: 2 year guarantee. This service includes repairs and maintenance.

The BUKY ONE has an automatic diagnostic programme for efficient maintenance. All important components are monitored electronically.

MAINTENANCE PACKAGE

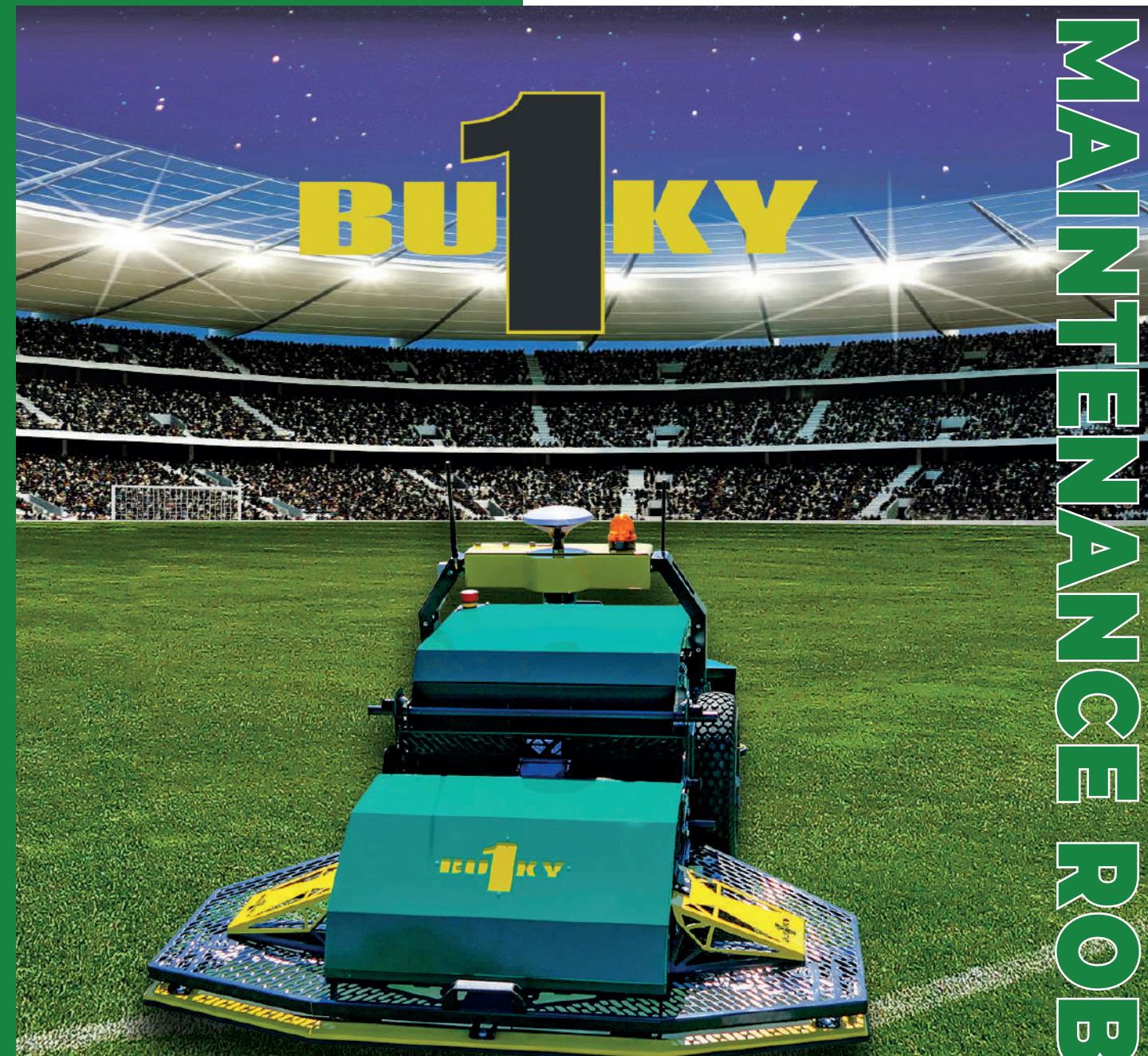
BRUSH & MAGNET BAR

- Width of the brush: 120 cm
- Erects the fibers
- Levels the infill material
- Improves playing characteristics
- Expands the lifespan of the field
- Magnet bar picks up magnetic objects



RAKE & MAGNET BAR

- Rake decompacts the infill material
- Levels the infill material
- Magnet bar picks up magnetic objects



MAINTENANCE ROBOT

BUKY ONE

MAINTENANCE ROBOT
FOR ARTIFICIAL TURF FIELDS

AUTOMATED GREENKEEPING

DAILY EFFORTLESS MAINTENANCE

ECOFRIENDLY

NO EMISSIONS

The BUKY ONE is powered by two high-performance batteries. Compared to regular combustion engines, this results in low carbon footprint. The air quality is not affected.

QUIET

FOR YOUR NEIGHBOURHOOD

The electric engines make the robot move very silent. Even in a densely populated neighbourhood the robot creates no noise problems.

SAFETY

RECOGNISING PEOPLE AND OBSTACLES

Thanks to its LIDAR (Light Detection and Ranging) system, the BUKY ONE stops at a safe distance when there is a person or obstacle in its way. The robot lifts the tools in the back and goes around the obstacle in a safe distance before continuing protection. For added security the robot is also equipped with a second collision protection.

MAINTENANCE

MAINTENANCE AS REQUIRED

The BUKY ONE can optionally be equipped with a brush or a rake. The rake is used for decompaction of the infill, the brush is used for levelling the infill and erecting the fibres. The included magnet bar removes all magnetic objects.

AUTONOMOUS WORK

MAINTENANCE WITHOUT SUPERVISION

The BUKY ONE works with a modern RTK system that allows the robot to maintain absolutely autonomous. A full-sized artificial turf football field is maintained in approx. 4 hours. This makes the BUKY ONE independent of regular working hours.



~240 minutes

USER FRIENDLY

SIMPLE AND CONVENIENT CONTROL

On an integrated touch screen all maintenance settings are entered. Up to four different fields can be saved on the internal storage of the robot. In addition, there is a remote control included in the package to drive the robot of the field, into a barn, on a trailer ...

