



# demopark 2025

## + Lawn & Turf Show



## 2025 Innovations – Information about Award-Winning Products

This year, once again awards have been given for outstanding technology at demopark. The gold and silver medals have been awarded by a jury of recognised experts. All of the award-winning products are briefly presented here.



## Gold Medals 2025

### **BM Tractors Max zu Eltz Maschinen: Better 175**

The Better 175 is an agile, high-performance special and system hauler with reverse-drive system (driver's seat including arm rest and steering wheel rotates 180°), hydro-static wheel drive and all-wheel steering. Suitable for sloped terrain, the machine is compact and has a low power-to-weight ratio. It is suitable for working in municipal environments, gardening and landscaping, agriculture and forestry. Engine power: 125 kW (175 hp), displacement: 4.5 l, hydraulic power: 80 l/min, hoist power: 4,500 kg (h.)/3,000 kg (v.), unladen weight: 4,500 kg.

**BM Tractors Max zu Eltz Maschinen, Stand D-433**

### **ELIET: Jetzer granulate injector**

The Jetzer allows auxiliaries and fertilizers to be applied to existing lawns up to a depth of 10 cm. As a result, the soil's drainage capacity, absorption and retention capacity, and ventilation can be increased and water storage media provided. The Jetzer from ELIET was designed for use by service providers in private gardens. Working width: 50 cm, granulate container volume: 65 l, number of spreading elements: 3, weight: 385 kg.

**ELIET, Stand E-543**



## Silver Medals 2025

### **BARONESS: Baroness FS 900 core sweeper/collector**

The Baroness FS 900 allows cores to be collected immediately after aeration on golf greens and tees, with no need for drying. Self-driving, the machine leaves few traces on the greens and adapts to undulations – with no contact between the brush and the surface. Engine power: 3.2 kW (175 hp), working width: 81 cm, tank volume: 420 l, weight: 757 kg.

**BARONESS, Stand D-422**

### **Bucher Municipal: Teplex TK 40.80X snowplow**

The continuously telescopic Teplex TK 40.80X snowplow doubles in width from 4 m (retracted) to 8 m (extended). This allows two lanes of the highway to be cleared simultaneously with a single vehicle – no need for a second vehicle or a side plow combination, or a second driver to go with them. The width can be adapted flexibly to the lane and any narrower sections. Width: 4–8 m, clearing width: 7 m, swivel angle 32–35°, weight: approx. 2,090 kg.

**Bucher Municipal, Stand B-228**

### **excav: excav PILOT GNSS assistance system**

The excav PILOT is a portable GNSS assistance system for earthworks that can be quickly retrofitted to any excavator. Sensors on the bucket capture the bucket in the space and pass the information to the excavator driver. Earthworks can thus be conducted more efficiently in terms of both time and personnel. Because the sensor unit is attached to the scoop directly with magnets, it can be used for multiple excavators in a company's fleet.

**excav, Stand F-619**

### **HEENZ: NACK blade disc for robotic mowers**

NACK (non axial cutting disc) is a cutting system for robotic mowers with tilted and mounted blades. The blade disc thus has no contact with the ground and does not press down on the grass. The cutting area is below the socket, giving the blades a long service life and preventing soiling and blade sticking. Energy consumption is also reduced.

**HEENZ, Stand A-173**

### **Kersten Arealmaschinen: Flow Control watering control system**

Flow Control is a universally retrofittable system for the automatic control of watering booms. It uses sensors to control the water delivery, documents the position by GPS and the water quantity in real time, and transmits the data into the cloud.

**Kersten Arealmaschinen, Stand B-215**

### **Keckex: SCK100 surface cleaner**

Cleaning surfaces effectively yet gently and removing weeds is what the SCK100 does best. The device works without high pressure or chemicals, instead using hot steam and brushes that are hung and controlled individually. The resulting dirty water created is directly suctioned off and collected in a tank. The machine is powered electrically by 48 V lithium batteries. Working width: 100 cm, tank volume: 450 l (fresh water), 230 l (wastewater), weight 2,000 kg.

**Keckex, Stand D-485**

### **KRESS Positec: KRESS Large area robotic mower**

The Cut & Go is a robotic mower specially designed for commercial gardening and landscaping. Controlled by an app, the machine can store an unlimited number of maps and mowing plans. It switches to neighboring areas automatically, with no manual settings by the customer needed. Weight: 295 kg.

**KRESS Positec, Stand D-474**

### **Moasure: Moasure 2 PRO measuring system**

This system captures complex, irregular X, Y and Z data while being moved from one point to another, and automatically calculates the scope, area, height, volume, etc. As-built plans can also be calibrated. Moasure 2 PRO connects to the app via Bluetooth and converts the measurements into dynamic graphics, which can then be edited, saved and exported directly to CAD software in various file formats.

**Moasure, Stand A-144**

### **Norematt: Delta 97T boom mower**

Boom mower with three special features: a shock absorber between the tractor and the mower to prevent damage during transportation; the AlignAuto function, which automatically retains the angle of the cutting head when the boom moves; and the MoovAssist function to control the position of the cutting head without having to activate the cylinders individually. All this offers driver comfort, prevents driver errors and helps to maintain safety and prevent accidents.

**Norematt, Stand E-505**

### **OEST: OEST Bio synthetik HYD 46 HEPR organic hydraulic oil**

This is a biodegradable hydraulic oil (28 % within 28 days) for a wide range of applications in sensitive areas of application. The oil can be changed without laborious flushing processes, as it is compatible with mineral oil-based and ester-based (HEES) hydraulic oils. That saves time and costs.

**OEST, Stand E-588**

### **PM Pfanzelt: Traction winch for forestry tracked vehicle Moritz**

The traction winch allows users to work with the Moritz remote-controlled implement carrier in previously inaccessible places. Control is automatic via the control lever of the caterpillar track; the other hand controls the accessory. The winch arm rotates 360°, allowing easy maneuvering vertically and horizontally on sloped terrain. The cable capacity is 1,100 m.

**PM Pfanzelt, Stand D-464**

### **TerraTec: Axle extension for Ibox AX single-axle equipment carrier**

This axle extension transforms a single-axle equipment carrier into a two-axle machine. This then has all-wheel drive with a differential lock, articulated steering and a KAT1 hoisting unit. Where the Ibox single-axle equipment carrier reaches its limits under the weight of large equipment, this combination creates a two-axle mower with a comparably low intrinsic weight in just five minutes' assembly time.

**TerraTec, Stand E-575**