



# demopark 2021

+ Turf Show with Golf and Sports Turf



## 2021 Innovations – Information about Award-Winning Products

This year, once again awards have been given for outstanding technology within the framework of the 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.





## 2021 Gold Medals

### **AS-Motor: E-Hochgrasmäher AS 21 EAllmäher, AS 62 EAllmäher and AS 63 EAllmäher**

The AS 21 EAllmäher, AS 62 EAllmäher and AS 63 EAllmäher models from AS-Motor are the first electric-drive mowers for high grass. The mowers are powered by two 56-volt hand-held batteries, and the range can be extended with an additional backpack battery. The power of the professional mowers is comparable to that of a 220 ccm four-stroke engine.

### **Bucher: Bucher CityCat V20e sweeper with Bucher Husky L14e brine sprayer**

The articulated electric compact sweeper has a volume of 2 m<sup>3</sup> and a battery pack that lasts for an eight-hour shift. For year-round use, the vehicle can be equipped with a fully integrated electrical 1,400 l brine sprayer. The brine sprayer comes with its own power supply and works independently thanks to the battery buffering system.

### **Ego: Battery Zero-Turn Lawn Mower ZT4200E-L**

With a cutting width of 106 cm, this battery-powered zero-turn lawnmower from Ego covers an area of up to 10,000 m<sup>2</sup> with one charge. It uses six removable 56-volt batteries which are the same type that are used in the handheld devices from Ego, such as the line trimmers and hedge trimmers.

### **Husqvarna: Ceora large-area robotic mower**

The robotic mower Ceora from Husqvarna is designed as a multi-functional device. In future, further accessories such as a fairway deck or line painter for sports fields will be available in addition to the conventional cutting deck. The mower is cordless and is controlled via satellite navigation with an accuracy of two to three centimeters.

### **Stihl: ProCom hearing protection and communication system**

The Stihl ProCom hearing protection system enables up to 16 participants to communicate with each other. It is also possible to connect a smartphone or Bluetooth radio devices. Its range is between 160 m and 600 m with every individual system acting as a repeater. The function for hearing surrounding noises allows the user to hear their surroundings without removing the hearing protection.



## 2021 Silver Medals

### **Amazone: Ice Tiger winter salt spreader**

The IceTiger winter salt spreader from Amazone ensures the precise application of salt or grit even at extremely small quantities of 5g/m<sup>2</sup> by combining a hydraulically-driven floor belt with an electric delivery point adjustment and control via an ISOBUS terminal. The broad surface area of the belt prevents bridging.

### **bema: Tipping container**

The bema tipping container with high-level emptying and a volume of 1,350 l is part of the bema suction sweeper system. It is attached via three-point linkage and can be combined with various other devices from the manufacturer such as a suction sweeper, chaff blower or products from other suppliers.

### **Humus: Humus PS145 undergrowth mulcher**

The target group for the PS145 undergrowth mulcher from Humus is mainly employees in forestry or municipal applications. Its low weight (starting at 210 kg) makes it suitable for use with remote-controlled tracked mowers. It works with a safety blade system that was adjusted for this application.

### **Kramer Werke: Smart Attach quick coupling**

The fully hydraulic Smart Attach quick change plate from Kramer enables hydraulic loader attachments to be coupled from inside the cabin. The hydraulic circuits are connected automatically, making the process efficient and safe, as there is no need to exit the loader, while also preventing oil leakage.

### **Kubota: G Series Mowers**

The G Series from Kubota comprises professional mowers offered with two engine models and mower deck widths (122 and 137 cm). They come with low or high discharge options. The hydrostatic transmission has load-dependent regulation. Integrated lashing points make it easy to secure loads during transport.

### **Pfanzelt: Moritz Fr75 remote-controlled implement carrier**

The Moritz Fr75 from Pfanzelt combines the properties of a forestry crawler and remote-controlled crawler, which makes it particularly versatile. The three-point hitch with a mechanical PTO transmission, performance hydraulics and six hydraulic functions enable various devices to be attached, regardless of the manufacturer.

### **Stihl: Digital products for garden, landscaping, construction and municipal applications (Smart Connector, Connected Box, Connected Mobile Box, LogBuch)**

Motor equipment manufacturer Stihl offers various digital products for garden, landscaping and construction businesses and municipalities. They include: Smart Connector (fleet management with direct connection to the control unit), Connected Box & Connected Mobile Box (data exchange for mobile or stationary fleet management via WiFi or SIM card), LogBuch (geolocalization and voice recognition).

### **Weidemann: ecDrive**

The ecDrive electronic control drive from Weidemann enables work machines to be driven as needed. It has four modes. The attachment mode automatically reduces the driving speed when loads increase (e.g. large amounts of material in front of the mulcher or snow cutter).