



UVC180

The UVC180 is a compact and lightweight machine specially designed for systematic and effective fungus diseases treatment of sports playing surfaces. For optimal results our agronomists can offer support by determining the disease pressure based on weather data and provide advice on the frequency and intensity of use.

- Biological and sustainable fungus treatment
- Compact & lightweight stand alone machine
- Advanced knowledge and support by SGL agronomists
- Treats multiple species of fungi

Function & Method

The UVC180 offers a biological solution for fungus diseases treatment, by destroying active growing fungi with UV-C light. This method is also called ultraviolet germicidal irradiation (UVGI). The short-wave part of the UV spectrum (UV-C) is used to kill fungi and prevent diseases, without affecting the grass plant.

Function & Design

The UV-C lights operate at a distance from the grass that is optimal to achieve the most effective fungus treatment and to secure safety for both the grass and the groundsman. Because of the compact design the machine has a small turning circle and is very easy to manoeuvre. In storage it takes up minimal space.

Operation & Options

The speed of the machine can be set, in order to establish the desired intensity of the UVC light treatment. It is a walk-behind machine to minimize the pressure on the pitch. The UVC lights cover a width of 1.80 meters and built-in foam mechanism marks the treated areas to guide the operator and to ensure the entire area is treated.



Knowledge & support

Based on data from the SGL analyser and weather forecasts, the SGL disease forecaste model can determine the pressure of the different turfgrass diseases. The frequency of the treatments is based on these forecasts.

About SGL

SGL offers a complete pitch management system, for natural grass to grow under any possible condition and playing schedule, whereby the natural grass experience for professional sports is preserved and pitch usage can be increased. Knowledge and High Tech equipment are the basis.

SGL ASSIST

SGL ASSIST offers groundsman personal agronomical support in order to achieve the highest possible pitch quality. From the SGL control room, our in/house agronomists can monitor the growth factors and pitch conditions and provide the groundsman applicable advice based on data.

SGL



SPECIFICATIONS

Working voltage	24 Volt/220 volt
Weight (incl. / excl. batteries)	340 kg (227.5 kg excl. batteries)
Material	Steel
Finish	Powder coating
Length UVC180 (exclusive bumper)	1910 mm
Width UVC180 (lamps folded)	1160 mm
Width UVC180 (lamps unfolded)	2600 mm
Height trolley	1450 mm
Wheelbase	1440 mm
Max. driving speed fwd	120 m/min
Max. driving speed rev	70%
Drive	Transaxle
Power drive motor	750W
Battery voltage	24 V (2x12 V)
Battery type	Gel
Battery capacity	185Ah C20 – 165 Ah/c5
Battery weight	112,5Kg
Required charger	230V 50-60Hz. 24V- 30A



For more enquiries on these products,
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