

**Unique Cyclone  
Filter Unit**  
(TERRA CLEAN 160 C /  
160 CTM)



## TERRA CLEAN 160 / 160 C / 160 TM / 160 CTM

For intensive cleaning of filled artificial turf surfaces - even with dew moisture

- Special sweeping brush with a working depth of max. 1.5 cm
- Multiple-riddle screen of two interchangeable sieving levels
- Process-air cleaning (TERRA CLEAN 160 C / CTM)

# TERRA CLEAN 160 / 160 C / 160 TM / 160 CTM

The TERRA CLEAN 160 C / CTM is a completely novel maintenance machine for the intensive cleaning of filled artificial turf surfaces up to a working depth of 1.5 cm. The debris is collected with a special sweeping brush driven by the power take-off shaft and composed of four brush rails which transport the debris and surface filling material onto the multiple riddle screen supported by spring elements and consisting of two interchangeable sieving levels. The sieving procedure separates the debris from reusable filling material and collects them separately into two basket units of approx. 50 l volume each.

With the TERRA CLEAN 160 C / CTM, three integrated cyclone filter units clean the process air from fine dust particles up to a particle size of 10 µm. An extremely quiet roller fan generates a constant negative pressure to suck up the dust generated by the brush pickup into the machine. The air flow guides the dust particles through the sieve unit into the cyclone filters. There, the fine dirt and dust particles are pressed outwards by rotation, where they slide downwards on the outer wall of the cyclone and fall into a dust collector.

The now cleaned air is directed outside via an exhaust-air duct. In contrast to the usual paper or textile filters, the special cyclone filters do not clog up. Thus, the cleaning performance always remains constant. Thanks to this innovation, the TERRA CLEAN 160 C / CTM can also be used in conditions of dew moisture.

The TERRA CLEAN 160 C is optionally available with rear 3-point or drawn. The drive is provided by the rear PTO shaft of a tractor. The TERRA CLEAN 160 CTM is drawn and powered by a gasoline engine.

The maintenance machine is also available without a cyclone filter to remove coarse dirt. (TERRA CLEAN 160 / TERRA CLEAN 160 TM).

## Benefits:



**Height-adjustable rake**  
for loosening the infill material.



**Effective separation**  
of granulate and coarse debris by means of the integrated machine sieve.



**Cyclone filter unit**  
cleans the process air of fine dust particles.



**Three-stage cleaning**  
with a coarse riddle screen, fine riddle screen and suction blower (TERRA CLEAN 160 C / 160 CTM).

TECHNICAL DATA	TERRA CLEAN 160	TERRA CLEAN 160 C	TERRA CLEAN 160 TM	TERRA CLEAN 160 CTM
<b>Working width in cm approx.:</b>	160	160	160	160
<b>Outside width in cm approx.:</b>	185	185	185	185
<b>Container capacity in l approx.:</b>	2 x 50	2 x 50	2 x 50	2 x 50
<b>Mounting:</b>	Rear 3-point Cat. I or drawn with electrical lifter	Rear 3-point Cat. I or drawn with hydraulic lifter	drawn with electrical lifter	drawn with internal combustion engine with electrical lifter
<b>Power unit:</b>	power take-off shaft drive 540 U/min	power take-off shaft drive 540 U/min	internal combustion engine	internal combustion engine
<b>Working speed:</b>	3 – 5 km/h	3 – 5 km/h	3 – 5 km/h	3 – 5 km/h
<b>Filter type:</b>	Two sieving levels	Two sieving levels and cyclone removal of fine components	Two sieving levels	Two sieving levels and cyclone removal of fine components

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### Further Information:

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