

Maintenance machine

For intensive cleaning and dust removal of filled artificial turf surfaces.



TERRA CLEAN 160 M and CM

Maintenance machine

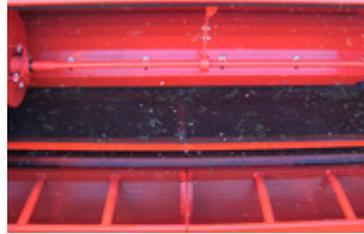
For efficiently cleaning dirt and fine dust, even in moist conditions.

The TERRA CLEAN 160 C is a maintenance machine for the intensive cleaning of filled artificial turf surfaces with a working depth up to 5/8". Apart from the reliable collection of debris, three integrated cyclone filters clean the processed air of small dust particles. In contrast to previously used paper or textile filters, these cyclone filters will not get clogged, so the cleaning performance remains constant. Thanks to this innovation, the TERRA CLEAN 160 C can also be used in dewy conditions.

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 infill onto the multiple vibrating screens. The filtering process separates the debris from reusable infill and collects the debris in two baskets while depositing the collected crumb rubber/infill back on the playing surface. In addition to the brush, an extremely quiet drum ventilator creates a vacuum in order to suck the filling material along with the debris into the machine. The blower, which creates the necessary air stream, subsequently sucks these dust components through the vibrating screens and into the cyclone filter, which is thereby put into rotation. The fine dirt and dust particles are pressed outwards by the rotation where they glide downwards along the cyclone outer wall and fall into the dust collection container. In the middle of the cyclone, the clean air is conducted outwards with an exhaust air duct. The rest of the collected material is at first passed onto an initial coarse vibrating screen, which catches foliage and similar large pieces of debris. The next vibrating screen is so fine that only the granulate falls through and can again be directly resupplied to the artificial turf surface. The vibrating screens are oriented in such a way that the air stream generated by the cylindrical cleaning brush glides over them.

The TERRA CLEAN 160 C is also available with a rear 3-point and power take-off shaft drive for towing vehicles of Cat I or with an electrical actuator and internal combustion engine (TERRA CLEAN 160 CM).

For the collection of debris only (without cleaning the processed air from dust), this machine is also available without cyclone filters (TERRA CLEAN 160 / TERRA CLEAN 160 M).



TECHNICAL DATA

Working width in approximate inches:	63
Outside width in approximate inches:	73
Container capacity in approximate cubic yards:	65
Mounting:	Rear 3-point Cat I or drawn with electrical lifter
Power unit:	540 PTO shaft or internal combustion engine
Working speed:	2–4 mph

Descriptions and illustrations are not binding. Changes in design and execution are possible.

Further information:

