

JOKER SPORTSFIELD HARROW

MULTIFUNCTION SOLUTION





NATURAL TURF

Suitable for all types of natural turf surfaces: soccer / rugby, parks, golf courses, etc.

MECHANICAL SELECTIVE WEEDING

- Reduces low-rooted grasses such as annual bluegrass, thus promoting the development of desired species.
- Weakens deep-rooted weeds such as plantain, dandelion, foxtail or crabgrass, by cutting off their leaves and stem.

LEVELLING

- Improves surface levelness.
- Following sand topdressing, creates a soil-sand mixture to fill in low spots.

DETHATCHING & MOSS REMOVAL

- Draws thatch and moss to the surface. Oxygen and water can then better flow through the soil.

THE PLUS



The **Front Wheel Kit** perfectly follows the ground contours to ensure even grooming over the entire surface.



Breaks up earthworm casts and improves field levelness (tines can be adjusted to avoid touching the ground).



Surface reseeding with the **Seeder Kit**. The seeds are evenly blown between the tines. The **Roller Kit** then compacts the surface.



MINERAL SURFACES

Designed for pesticide-free maintenance of fine-grained surfaces: shale, limestone, pozzolana, ash...

LEVELLING

- Levels the surface and separates plants from minerals using the plate-mounted tines.
- Allows for renovating surfaces during the vegetative dormancy period.

MECHANICAL WEEDING

- Removes weeds without loosening the soil, to avoid creating a seedbed.

THE PLUS



- 1- The blade working depth can be set using the 3-point push bar.
- 2- Adjustable inclination of the blade angle of attack.



Carbide-coated blades mounted on spring-loaded ploughshares (the blade retracts when faced with large obstacles).



Weed right up to the edges without damaging the blades or the edge, using the **Edge Kit**.



SYNTHETIC SURFACES

Recommended for routine maintenance of synthetic surfaces with fiber heights over 55 mm (2.17").

DECOMPACTION

- Quickly decompacts aggregate through high density of tines.

LEVELLING

- Levels the aggregate and brushes the fiber using the broom.

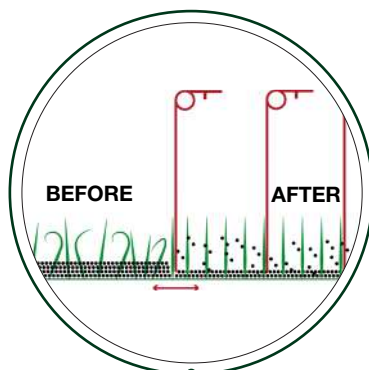
FIBER RESTORING

- Straightens the fiber without damaging it, with precise adjustment of the working height.

THE PLUS



High-speed decompaction/brushing: only 30 to 45 minutes for a single pass over a 8,000 m² (86,111 ft²) field.

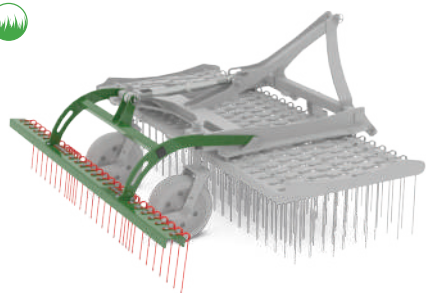


Before passing the Joker, the fiber is flattened and the aggregate compacted. After use, the aggregate is decompacted. The fiber is brushed and straightened.



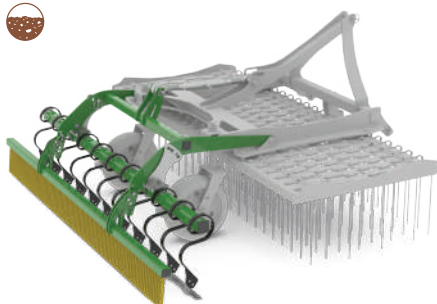
High tine density (tine spacing of 4.6 mm, 0.18"): exceptional output up to 20,000 m²/h (215,278 ft²/h).

ACCESSORIES AND OPTIONS



HARROW KIT

Scatters matter windrows falling from gauge wheel scrapers, to provide an excellent finish.



MECHANICAL WEEDING KIT

Scrapes out weeds with blades, and levels the surface with the broom.



BRUSH KIT

For leveling and brushing.



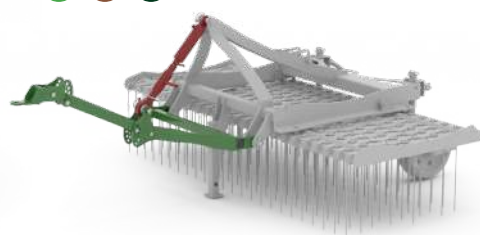
SEEDER KIT

Pneumatic seeder, with a capacity of 120 liters. 12 V power supply with 3-pole outlet.



ROLLER KIT

Improves levelness in winter. Compacts the surface when reseeding.



DRAWBAR

For vehicles not fitted with hydraulic lift arms (2 versions available: mechanical or hydraulic three-point hitch).



FRONT WHEEL KIT

Perfectly follows the ground contours to ensure even grooming of the entire surface.



EDGE KIT

To be mounted on the Mechanical Weeding Kit.



KIT STORAGE RACK

Synthetic surfaces

Mineral surfaces

Naturel turf

SPECIFICATIONS

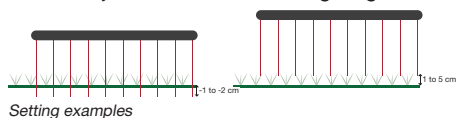


1 THREE-POINT HITCH

Allows tines to be pressurized according to desired aggressiveness.

2 GAUGE WHEELS

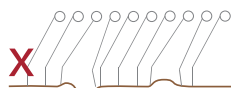
- Pivoting for easy, maintenance-free maneuvers, fitted with scrapers.
- Allows adjustment of tine working height.



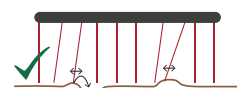
TINE DENSITY

184 tines/m² for high efficiency.

PLATE-MOUNTED TINES



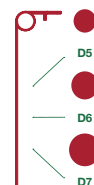
Cultivator tines: They follow the ground contours, with no levelling.



The plate-mounted tines of the Joker Sportsfield Harrow are designed for levelling.

TINE DIAMETER

- **D5:** Versatile tines for routine maintenance, used on natural turf, synthetic or mineral surfaces.
- **D6:** Faster weeding and levelling on natural turf.
- **D7:** Used for renovating natural turf surfaces.



TINE MOVEMENT

The vertical tines perform a vibratory back-and-forth movement to pull the material to the surface.



Machine model	JOKER 2100 _{D5}	JOKER 1800 _{D5}	JOKER 1500 _{D5}	JOKER 1200 _{D5}	JOKER 1000 _{D5}
Working width	2,10 m (6'10.7)	1,80 m (5'10.9)	1,50 m (4'11.1)	1,20 m (3'11.2)	1,00 m (3'3.4)
Height	0,84 m (2'9.1)	0,84 m (2'9.1)	0,84 m (2'9.1)	0,84 m (2'9.1)	0,84 m (2'9.1)
Depth	1,34 m (4'4.8)	1,34 m (4'4.8)	1,34 m (4'4.8)	1,34 m (4'4.8)	1,34 m (4'4.8)
ø Hitch axle lift arm	Cat 1 (22 mm, 0.87")	Cat 1 (22 mm, 0.87")	Cat 1 (22 mm, 0.87")	Cat 1 (22 mm, 0.87")	Cat 1 (22 mm, 0.87")
ø Three-point hitch	Cat 1 (19 mm, 0.75")	Cat 1 (19 mm, 0.75")	Cat 1 (19 mm, 0.75")	Cat 1 (19 mm, 0.75")	Cat 1 (19 mm, 0.75")
Weight	135 kg (297.6 lb)	120 kg (264.6 lb)	98 kg (216.1 lb)	78 kg (172.0 lb)	63 kg (138.9 lb)
Number of tines on main plate	221	189	157	125	103
Number of tines on Harrow Kit	37	31	27	23	-
Number of blades on Weeding Kit	13	11	9	7	6
Spacing of tines	4.6 mm (0.18")				
Minimum power requirement	30 hp	30 hp	20 hp	15 hp	15 hp



Discover the technical data for the D6 and D7 models.

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