

SPORTSFIELD HARROW  
ARTICULATED VERSION

**HEGE**  
LA PASSION D'INNOVER

**JOKER** GOLF & HORSE RACING



FABRICATION FRANÇAISE

## PRESENTATION

The Joker has been specially engineered for racetrack managers and greenkeepers looking to manage their grass surfaces without resorting to pesticides. Its flexibility will not only be valued for the upkeep of racetracks, but also for golf courses (fairways, primary roughs or short roughs mowed to about 10 cm).

With an operating width of 3.60 m or 4.60 m, this machine features three independent tine rakes that adapt perfectly to the ground contours. Whether it is for dethatching, treatment of worm castings or leveling, the Joker will prove an asset in your daily operations.

## FEATURES



### DETHATCHING MECHANICAL WEED CONTROL

Pulls out moss, thatch, and intrusive low-rooting weeds.

The tines cut through the leaves of troublesome deep-rooted vegetation, such as herbaceous plants or dandelions, thereby weakening them. New weed growth is limited.



### MECHANICAL TREATMENT OF WORM CASTINGS

Breaks up worm castings without stripping off any plant material.

Thanks to the height-adjustable rake, the tines can be calibrated to graze the surface without pressing down on the soil.



### REPAIRING SURFACE EVENNESS

The tines' forward/backward movement displaces material restoring evenness to the soil.



### TURF RECOVERY

With the Joker, you can realign the grass blades upright before mowing, so you get an even cut.



### DEW SUPPRESSION

Knocks off the dew in order to curb disease development and fungus growth.

This operation also ensures an improved game experience, as the presence of water retards a ball's movement.







## PNEUMATIC SEEDER OPTION

### RESEEDING



The **Joker** can be fitted with a **pneumatic seeder** for **reseeding operations** over a width of 3.60 or 4.60 meters, guaranteeing outstanding yields.

When the seeder is activated, the fan blasts the seeds through the tubes to the diffusers, distributing the seeds uniformly.

The seed is then mixed into the soil by the tines' movement, ensuring optimal lawn development.



#### SEED DISPERSAL SYSTEM

The seed is blown forward between the tines.

### DETAILS



#### POWER SUPPLY

12V 3-pin socket protected by a 30 Amp fuse.



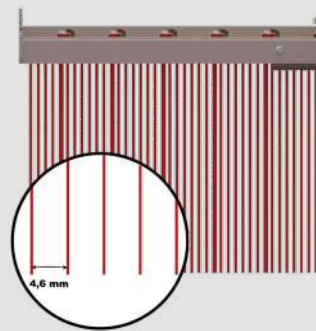
#### CONTROL BOX

1- Fan start-up  
2- Seed delivery  
3- Seed flow adjustment

# TECHNICAL SPECIFICATIONS



**MAINTENANCE-FREE FARMFLEX® WHEELS**  
Swiveling for easy handling.  
Tire scrapers.



**TINE DENSITY**  
187 tines/m<sup>2</sup> (4.6-mm spacing between each tine), even tine distribution/



**VERTICAL TINES**  
The forward/backward vibratory movement brings matter to the surface.



**EXTENDED WEAR LIFE**  
Achieved by the shape and length of the tine.



**PERFORMANCE**  
Operating speed: between 8 and 12 km/h.  
Performance capacity up to 40,000 m<sup>2</sup>/h.

Machine type	JOKER 3600	JOKER 4600
Operating width	3.6 m	4.6m
Height	1.10 m	1.10 m
Length	1.50 m	1.50 m
Folded height	1.52 m	2.00 m
Folded length	2.40 m	2.40 m
∅ Lift arm coupler pin	Cat 1 (22 mm) or Cat 2 (28.7 mm)	Cat 1 (22 mm) or Cat 2 (28.7 mm)
∅ 3-point hitch	Cat 1 (19 mm) or Cat 2 (25.7 mm)	Cat 1 (19 mm) or Cat 2 (25.7 mm)
Machine weight	347 kg	410 kg
Tine count on the main rake	160 (1.60 m)	160 (1.60 m)
Tine count per wing	101 (1.00 m)	154 (1.50m)
Tine spacing	4.6 mm	4.6 mm
Minimum power requirement	40 HP	40 HP



**HYDRAULIC CYLINDERS**

Two double-acting hydraulic cylinders enable the wings to be retracted for easy storage and transport of the machine while in transit between different work zones.



The tractor must be equipped with a double-acting control, with female hydraulic couplings with 1/2" valve.

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