

In order to ensure the regeneration and warming of the lawn, in spring and autumn, it is advisable to remove the excess thatch and to vertically incise the surface layer of the soil. This operation ensures the correct oxygenation of the lawn and is carried out with the scarifier (dethatcher)

agrinova
GARDEN EQUIPMENT

Made in Italy

LONG LIFE POWERFUL
PROFESSIONAL GARDEN SOLUTIONS

JEFF POWER RAKE

38 & 45 cm

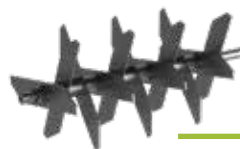


Composed the scarifier suitable for your lawn

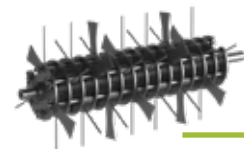
Line for the maintenance of **parks, gardens and football yard.**



Movable
knives



Fixed
knives



Spring &
knives



LONG LASTING BIAD with anti-wear thermal treatment

JEFF

Power rake - 38-45 cm

The details make the difference of Agrinova machines.

- The metal thickness of the shell
- The types of bearings
- The type of belts
- The type of steel chosen to produce the cutting knives
- Heat treatments to make them as strong and sharp as long as possible

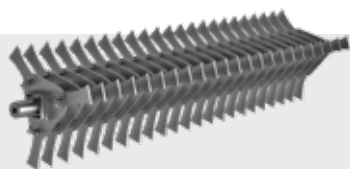
and the wide range of types of machines, to meet the specific needs of the lawn to care.

Agrinova knows that every lawn is different and should be treated according to its needs, so **the scarifiers** that it produce offer a wide variety of cutting systems.

The know-how gained over many years of experience and comparison with the gardening sector experts led to the development of **different working systems**, which allow us to treat with maximum efficiency any kind of lawn



WORK SYSTEM



ROTOR SHAFT WITH MOVABLE/KNIVES



Choice of blade thickness



2,5 mm
(as standard)

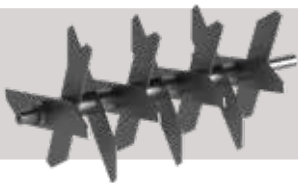


1,2 mm
(on demand) for blade step
30 or 40 mm

System that allow:

- Verticutting: Performs a number of cuts on the ground up to a recommended depth of up to 3 cm, but suggest maximum 0,5 cm
- Removing the moss by touching the ground

This system is referred floating because even if the impact blades against some of the typical gardens obstacle (superficial roots of plants, heads of sprinklers, curbs, etc ..) Will not be damaged, because they rotate on their own center and return to their working position thanks to centrifugal force rising from rotation at 3000 rpm).



SHAFT WITH FIXED BLADES

Choice of blade thickness



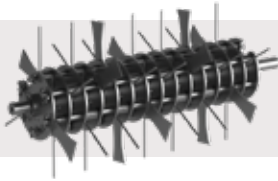
2,5 mm
(as standard)



1,2 mm
(on demand) for blade step
30 or 40 mm

Verticutting is literally vertical cutting, the operation of creating perfectly precise and rigid grooves on the grass. Grass roots will be cut off without being ripped off and without damage.

The groove will have a constant depth and, if properly registered by the operator, is 0,3 cm to 0,5 cm, perfect for oxygenating the soil.



SHAFT WITH SPRINGS AND KNIVES



Often on the lawn there are accumulations of mass and thatch, due to the stagnation of water, to the constant presence of mass left on the ground using the mulching system. Before grinding the grass roots and the first layer of soil, it is necessary to clean the thatch sheet. You must comb the grass layer with soft tips as they are of a spring.

However, as a result of a high speed operation, with a considerable amount of power available from the engine, it is necessary to give stiffness to the cutting system by spacing the springs with moving knives. This prevents the system from pushing too much on the springs, avoiding the resulting breakage. This type of cutting system requires little power to the engine, and must be performed at the lowest possible speeds.



CONSTRUCTIVE DETAILS



BELT TRASMISSIONE

A double toothed belt (for versions from 45 to 60 cm).

Tension wedge metal belts. mounted on double bearings for long life



RECOILING BAG
(OPTIONAL)



OSCILLATING FRONT WHEEL AXLE

The cutting system always stays parallel to the ground (even in slopes)

JEFF

Power rake - 38-45 cm



1. Engine
2. Robust steel shell (3 mm)
3. Carter belt cover
4. Screw-operated depth adjustment
5. Lever (to stop the movement of the knives on)
6. Wheel swing section
7. Cast Iran Pillow Block Bearings



Easy to transport even with small cars



	JE38R	JE47B2
Working width	38 cm	45 cm
ENGINE - MACHINE CODE	Briggs & Stratton serie E550 Cod. JE38R	Briggs & Stratton serie 950 Cod. JE47B2
Toothed belts	1	2
WORKING SYSTEM	Standard	Shaft with mobile blades 2,5 mm thickness (step 40 mm)
		Shaft with mobile blades 2,5 mm thickness (step 30 mm) - Cod. AR1512
		Not available
		Not available
	Optional	Shaft with fixed blades 2,5 mm thickness (step 40 mm) - Cod. AR450 (9 coltelli)
		Shaft with fixed blades 2,5 mm thickness (step 30 mm) - Cod. AR450F2
		Not available
		Not available
		Not available
		Not available
GENERAL INFORMATION		
Weight	36,5 kg	54 kg
Dimensions (box)	660 x 530 x 630 h cm	620 x 670 x 660 h cm
Dimensions pallet	(with 6 boxes) - 1200 x 800 x 2100 h cm	(with 4 boxes) - 1260 x 800 x 1500 h cm
Bag	Optional (on request) - Cod. AR338	Optional (on request) - Cod. AR370
Wheels	4 plastic with ball bearings	4 plastic with ball bearings