

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

JURGEN POWER RAKE

45 & 60 cm



NEW!
Screw-operated
depth adjustment by key
on request

Composed the scarifier suitable for your lawn

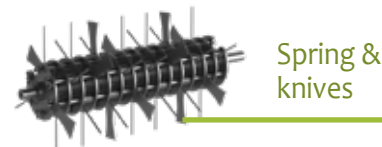
Line for the maintenance of **parks, gardens and football yard.**



Movable
knives



Fixed
knives



Spring &
knives



LONG LASTING BIAD with anti-wear thermal treatment

JURGEN

Power rake - 45 & 60 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



- They are handy but robust
- They have professional engines that don't leave you in the lurch (with oil alert)
- They have quality belts
- They mounted wheels with metal hub
- Count-hours on demand



WORK SYSTEM



ROTOR SHAFT WITH MOVABLE/KNIVES



Choice of blade thickness



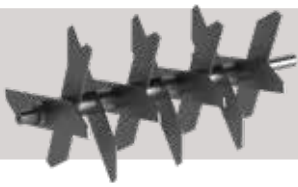
2,5 mm
(as standard)



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



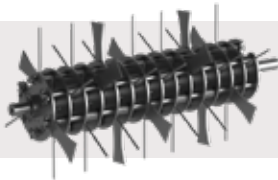
2,5 mm
(as standard)



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 TRASMISSION

A double toothed belt (**MADE IN GERMANY**) to ensure many hours of work (perfect for rental) Tension wedge metal belts, mounted on double bearing with **diameter 60 mm** .



CAST IRON BEARINGS

Ball bearings on cast iron support and greasing point.



OSCILLATING FRONT WHEEL AXLE

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

JURGEN

Power rake - 45 & 60 cm



1. Honda or B&S engine
2. Robust steel shell (3 mm)
3. Carter belt cover
4. Screw-operated depth adjustment (up to 25-30 mm with unworn blades)
5. Lever (to stop the movement of the knives on)
6. Wheel swing section
7. Wheels with metal hub
8. Height adjustment system protection mask
9. Cast Iron Pillow Block Bearings with Grease Zerks

Bag (optional)



Easy to transport even by small car



Technical data

		JURGEN	JURGEN
		45 cm	60 cm
WORKING WIDTH		45 cm	60 cm
ENGINE - MACHINE CODE		Briggs & Stratton serie 950 - Cod. JU47B2-RM Honda GX160 - Cod. JU47H-RM	Briggs & Stratton serie 950 - Cod. JU603B2-RM Honda GX160 - Cod. JU603H-RM
WORKING SYSTEM	Toothed belts	2	2
	Standard	Shaft with mobile blades 2,5 mm thickness (step 40 mm) - Code ACO (33 blades)	Shaft with mobile blades 2,5 mm thickness (step 40 mm) - Cod. AC2 (42 blades)
		Shaft with mobile blades 2,5 mm thickness (step 30 mm) - Cod. AR245	Shaft with mobile blades 2,5 mm thickness (step 30 mm) - Cod. AR260
	Optional	Shaft with mobile blades 1,2 mm thickness (step 40 mm) - Cod. ACOS	Shaft with mobile blades 1,2 mm thickness (step 40 mm) - Cod. AC2S
		Shaft with mobile blades 1,2 mm thickness (step 30 mm) - Cod. AR252	Shaft with movable blades 1,2 mm thickness (step 30 mm) - Cod. AR261
		Shaft with fixed blades 2,5 mm thickness (step 40 mm) - Cod. AR305 (15 blades)	Shaft with fixed blades 2,5 mm thickness (step 40 mm) - Cod. AR301 (19 blades)
		Shaft with fixed blades 2,5 mm thickness (step 30 mm) - Cod. ACOF2	Shaft with fixed blades 2,5 mm thickness (step 30 mm) - Cod. AC2F2
		Shaft with fixed blades 1,2 mm thickness (step 30 mm) - Cod. ACOF	Shaft with fixed blades 1,2 mm thickness (step 30 mm) - Cod. AC2F
		Shaft with fixed blades 1,2 mm thickness (step 40 mm) - Cod. ACOF1	Shaft with fixed blades 1,2 mm thickness (step 40 mm) - Cod. AC2F1
		Shaft with spring and blades - Cod. AL48	Shaft with spring and blades - Cod. AL61
GENERAL INFORMATION	Weight	53 kg	58 kg
	Dimensions (box)	620 x 670 x 660 h cm	750 x 670 x 660 h cm
	Dimensioni pallet	(with 4 boxes) 1260 x 800 x 1500 h cm	(with 4 boxes) 1360 x 800 x 1500 h cm
	Bag	Optional (on request) - Cod. AR370	Optional (on request) - Cod. AR371
	Wheels	4 with metal hubs	4 with metal hubs