

serrat



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AGRICULTURAL RANGE

SERRAT ADVANTAGES, AGRICULTURAL RANGE



The agricultural range of Serrat Trituradoras is characterized by innovative machines with new concept of work and rotors of new generation.

We have new generation octagonal-shaped rotors, a girostop system with square anchorage head, steel plate chassis with 10 mm of thickness or more, double bearings in the rear roller, etc....

Below the main advantages of this range:

ROTOR POLSER

Ingenious rotor designed and manufactured in an octagonal shape providing more strength when the hammer reverses itself due to impacts.

Forged steel supports with high precision position guaranteeing a perfect operation and positioning of the cutting elements.

Gear plates of octagonal shape improving the power transmission. Internal plates to structure the rotor.



GIROSTOP SYSTEM

The exclusive hammer coupling system with pivot GIROSTOP is the only one in this type of machines. The advantages are countless and below some of them:

1. Thanks to its square anchorage head, the pivot GIROSTOP never rotates in the hammer support. This advantage is very important because not turning, the hammer support will never be consumed and if the support in the lower part is not consumed it will increase the reliability of the rotor.
2. Thanks to the immobility of the pivot, the hammer is obligated to turn over the pivot and for that we can obtain that the bolt and the hammer do not get jammed because of dust and dirt.
3. The completely flat pivot head avoiding twist of cable or grass into it.
4. Thanks to this immobilization system, the maintenance and the change of the hammers will be much more safe and convenient.





Two or three lines of counter hammers.



Gearbox SERRAT, toothed belts, quality bearings, supports of bearing rotor in steel, hammers guaranteed against breakage, machines built under EC Normative



MULCHER WITH PICKUP ADVANTAGES

RHENDUEL ROTOR (KASTOR e BIOMASS)

The RHENDUEL system is an ingenious perfect cutting system for self-feeder mulchers. Its main advantage is that with this system we can obtain a very fine chipwoods like sawdust thanks to its special blades. In addition, the power required by the tractor, to mulch with this system of blades, it can decrease up to 40%, a very important factor to be taken into account to save fuel and save money.

Thanks to the fineness and the homogeneity of the chipwoods, it was possible to obtain that in machines with pneumatic charge like BIOMASS it were possible the transport through flexible and to load the material into biomass trailers.

It must be remembered that the fineness of the material, facilitates a multitude of activities in the field, for example:

1.^a- The incorporation of the woodchips into the ground is much faster with this system and in a short period of time the material will disappear from the ground.

2.^a- In nuts cultivation, where normally the harvest is mechanic, is fundamental to use these machines, because otherwise, we could have some problems during the harvest with big piece of wood causing large losses for the farmers.

BRALAKC PICKUP

The BRALAKC feeder knives system is an exclusive design of SERRAT TRITURADORAS. These exclusive feeder knives are the result of years of experience that SERRAT has developed in self-feeder mulchers.

Thanks to this innovative system we can obtain two essential factors collecting the pruning remains from the ground.

- Firstable, an absolute efficiency on the collection of the material thanks to the helical mounting system.
- On the other hand, thanks to its curved design, we can obtain a continuous feeding and without any obstruction, a fundamental factor in these type of machines when working in pruning cordons of high dimensions and volume.



MAIN MACHINES

EVOLUTION

- Polser rotor of 450/500 mm of diameter
- 3 XPC toothed belts
- Serrat hammers guaranteed against breakage
- Steel plate chassis in 10 mm of thickness
- 2 lines of steel counter hammers
- Gearbox SERRAT
- To mulch grass and pruning up to 08-10 cm of diameter
- Fixed, hydraulic side shift and reversible with hydraulic side shift



EVOLUTION CON PORTON

Mulcher with the same features of the Evolution but with an opened hydraulic rear hood. The rear hood allows to go in reverse and avoid the tractor to pass over the pruning.



EVOLUTION GREEN

Same features as the Evolution. However, this machine has an internal mechanical screw pump that allows it to mulch and throw the grass at the base of the trees, forming a vegetable layer in the inter-row. Particularly suitable for biological agriculture as the formed vegetal layer allows the slowing down of the regrowth of the grass and significantly eliminates the use of herbicides. By closing the internal screw pump the machine works like a normal mulcher. Possibility to have 2 side exits.



PRO

- Polser rotor of 550 mm of diameter
- 3 XPC toothed belts
- Serrat hammers guaranteed against breakage
- Steel plate chassis in 10 mm of thickness
- 3 lines of steel counter hammers
- Gearbox SERRAT
- To mulch grass and pruning up to 10-12 cm of diameter
- Fixed, hydraulic side shift and reversible with hydraulic side shift, Green and with rear hood (Porton)



INTERPIQUET

- Mechanical driven swing arm mower
- Diameter of the plate 120 cm
- Backwardation from the axis of the tractor of 3.100 mm
- Mechanical transmission by power take-off
- Hydraulic recovery control (adjustable)
- Pushing control by hydropneumatic suspension
- Lower bowl of control on the ground and rear wheel
- 3 retractable knives
- Model with double plate



ABATIBLE PRO+

Universal high-body shredder with hydraulic folding system, for tractors from 120 to 250 HP.

Working width from 3,80 to 6,30 meters, rotor Polser of 550 mm of diameter, gearbox Serrat, etc....



OLIVINA

Mulcher with 1 hydraulic pickup to cut pruning up to 5 cm of diameter especially in vineyards.

- Steel plate chassis in 8 mm of thickness
- Rotor of 400 mm of diameter
- 3 XPC toothed belts
- Screen replaceable rear gear
- GIROSTOP system
- Serrat gearbox



KASTOR

Innovative mulcher with 2 hydraulic pickup and a very special rotor of double teeth. This machine is able to reduce the pruning remains a very tiny woodchip not like a normal machine with hammers. Model 350-450-550 and 625 depending on the power of the tractor.



