

eima 2010 News



Hall 25
Stand A19



Sprayers



Mulchers



Fork-Lifts



SPRAYERS

Taking care of the usual main features of reliability and versatility of its sprayers, Nobile now offers new solutions that strengthen its leadership position.

Double distribution Sprayer Oktopus DOBLE

Trailed spraying machine Oktopus DOBLE has two separate distribution circuits with two tanks 600 and 400 liters both with hand washing and clear water tank.

Motion is transferred through a inner transmission shaft - from the tractor to two pumps connected in series and then to the centrifugal turbine ensuring the required air to a series of "V" shaped and adjustable spraying modules.

Pumps are in two completely separate hydraulic circuits and each pump has its own electric control unit, suction and high pressure filters, knobs for pressure adjustment, agitators in two tanks and double flip-over nozzle on "V" shaped spraying modules.

"V" shaped modules - **PATENTED** - ensure the correct turbulence so that two immiscible plant protection products, coming from the two spraying circuits, give the foliage the same uniform distribution.

The spraying machine Oktopus DOBLE allows the simultaneous distribution of two immiscible plant protection products against two different diseases, or of a plant protection product and a foliar fertilizer avoiding mixing problems with consequent flocculation and pipe clogging. It is also possible to target the two products on different leaf areas by opening and closing the nozzles on the spraying modules. The aim is to minimize treatments number, increasing the productivity (50% reduction in treatment time with a single pass) and to reduce products quantity, with a positive impact on the

environment and on the user thus reducing the exposure time.





Pneumatic low volume sprayer BETA

Low volume spraying machine BETA – available both in tractor-mounted and trailed version - has been specially designed for pesticide treatments in vineyards, orchards and olive groves. The machine main feature is the possibility to spray low volumes of liquid while still having an excellent coverage and a better penetration of the plant protection product into the vegetation compared to traditional machines. All this is given by the mixture spraying type, obtained with a pneumatic action by an air flow going at high-speed through spray-heads "Venturi" sections producing droplets with an average diameter of about 100 microns.

Galvanised supporting frame, high pressure centrifugal fan producing high speed air flow, high capacity centrifugal bronze pump for product supply and mixing, polyethylene main tank, circuit washing tank, clear water tank, distribution spray-head conceived for mixture pulverization and air flow orientation towards the vegetation.

Benefits are:

- Greater autonomy and operating time reduction because of less fillings and therefore time reduction.
- Uniform product distribution focused on the vegetative surface ensuring a 10-30% reduction.



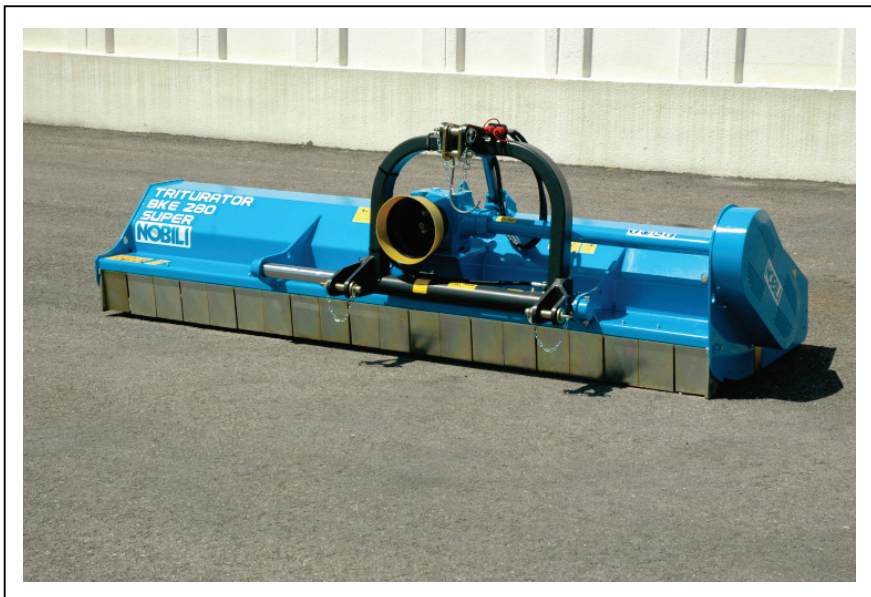
MULCHERS

Nobili Co. is also the leader with mulchers, developing new models to meet any job requirements, for both cultivated and unsown surfaces as well as gardening works.

Mulcher BKE Super

Mulchers BKE 280-305 Super are rear-mount operating machines, ideal for shredding grass, bushes, pruning and for large grassy areas as well as set-aside maintenance. Mulchers BKE Super are certified machines fully meeting all requirements of the new Machinery Directive and that are able to shred large quantities of materials at high speed without the need of a rear-hinged hood. Tools helical layout on the rotor ensures better suction and material distribution being crushed by more counter knives inside the mulching chamber.

BKE 280-305 Super mulchers may be supported by a big size roller or by steering wheels and are available with hydraulic offset and with different interchangeable knives to meet various work needs.



Mulcher RM 280 BIO

Nobili RM 280 BIO mulchers are tractor-mounted machines to be fitted to the three-point linkage of the rear tractor lift. Ideal to shred energy crops such as *Arundo donax*, *Panicum virgatum*, *Miscanthus sinensis* and *fiber sorghum*.

RM 280 BIO mulchers are supported by a roller adjusting the working height and are equipped with a dividing frame and a front movable hood with an idle roller – both hydraulically adjustable – ensuring the entering of standing reeds into the mulching chamber.

RM 280 BIO range is equipped with an 8-row rotor that - together with the advantageous roller position and the adjustable hood – ensure a perfect cutting and a power requirement reduction.

RM 280 BIO mulchers offer the possibility – on a single pass – to make the windrow necessary for further biomass collecting by bale wrappers, thanks to a spiral fitted below the rotor, with hydraulically adjustable speed.

RM 280 BIO range, fitted to reverse drive tractors, ensures high productivity also on biomass crops flattening during their growth due to atmospheric conditions.



Mulcher TRP-CV

TRP-CV mulcher has been recently introduced in Nobile range to meet farmers requirements who want to clean the fields from pruning, but especially collect them for delivery to large biomass stations. This new machine has same characteristics of TRP-RT, but it is equipped with a vertical conveyor conceived to fill a trailer driven by the same tractor or by another one on the sideways row.

Available with 1450 and 1750 mm working widths.



Mulcher BP 8300

Nobili BP 8300 mulchers are tractor-mounted machines to be fitted to the rear tractor three-point-linkage. Ideals for shredding grass, bushes and for large grassy areas as well as set-aside upkeeping. Multipurpose and robust, BP 8300 mulchers ensure high work productivity both with front PTO and reverse drive tractors.

BP 8300 range is equipped with a support roller adjusting the working height and with a rear adjustable plate that - together with the advantageous roller position - ensures a perfect cutting and a power requirement reduction.

BP 8300 mulchers are folding machines for road transport, equipped with an automatic belt tensioning system, floating cutting heads with a road lightening device on support rollers, anti-shock safety system with hydropneumatic accumulator and a wide selection of interchangeable knives to meet any work need. Available with 8300 mm working width in combination with models Nobili BPR 280 and BPR 305.



Mulcher BPR series 100

Derived from larger BPR series 100, series 10 expands the range of reversible mulchers BPR integrating a robust and light structure for shredding grass, bushes, pruning and for grassy areas as well as set-aside maintenance

. Available models BPR 28 and BPR 30, respectively 280 and 305 cm working, suitable for medium-power tractors.



Mulcher BPR series 100 PRO

BPR series 100 has expanded its range of reversible machines with new models BPR 280 PRO and BPR 305 PRO with a transmission system ensuring high performance when fitted to big tractors up to 200 HP.

Machines are equipped with double hitch to be fitted to the tractor three-point-linkage - in front and rear position - and are supported by a roller adjusting the cutting height. All models BPR series 100 are equipped with a rear adjusting plate and an automatic belt tensioning system.



Mulcher PRO

Front-mount mulcher designed to meet professional users needs for landscape maintenance, mainly conceived for roadsides maintenance and for specific agriculture needs in hilly or mountainous areas - or in general - in areas with marked slope.

PRO Series has a structure made entirely of DOMEX MC-700 steel and side skid made of HARDOX 400 steel.

These mulchers give the possibility to reverse rotor rotation direction for a perfect cutting adaptation.

They are available in models 180 and 210 corresponding to working widths.



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