

# MENART

## SHREDDERS



### SMALL SITE & ON-FARM SHREDDERS



- Shredding of green wastes, branches, pallets, packing wood, etc.
- All terrain mobility
- Appropriate models for every site and budget

- Robust and reliable
- Wide range of models
- High shredding capacity
- With diesel, electric or PTO drive



The MENART on-farm and small site shredders have been developed to answer the needs of farmers and agro-industrial operators, landscape maintenance professionals, small local authorities, recycling centres and service companies for treatment of organic wastes

considering the wide variety of client profiles and their needs, the company's R & D division has developed a wide range of high speed shredders to fit anyone's needs. Four models have been developed. From the smallest to the largest: the H101, the H121, the P145 and the P160 which in the PTO driven model is the most powerful on the marketplace.

## Description of the MENART shredders



## Options

- Available with diesel engine (D version) or electric motor (E version) or PTO drive (T version),
- Choice of hammermill or chain and flail rotors,
- Alternative rotor, not sensitive to contaminants (chains and flails),
- Choice of rear conveyor,
- Remote control command function,
- Automatic advancement device,
- Screening grids for fine shredding,
- Approved version for highway towing,
- Automatic centralized lubricating system,
- Organic oils.



# The MENART advantages

## Very easy use for work and maintenance

The MENART hammermill rotor shredders can shred any mix of green waste (grass, leaves, branches, wood, etc.) without risk of clogging.

The chain & flail rotor versions are not affected by contaminants such as stones, cement, iron scrap pieces, etc.. and are abrasion resistant.

Moreover, replacing the heavy cutting flails is infrequent and easily and quickly done.

## High working capacity

The feeding hoppers are designed to be mechanically loaded by loaders, tractors, cranes, etc. The rotors are large and heavy to be able to reach high working productivity.

The MENART on-farm and small site shredders are ideal for shredding large amounts of waste quickly.



## Shredding efficiency

The feeding methods of the shredders are the same as for heavy industrial shredders.

The forward speed of the moving floor in the hopper is synchronized with the rotation speed of the compacting roll.

Feeding of material can be adjusted to the specific workload meaning that MENART shredders do not require a screening grid for fine shredding.

## Quality of the shred

The resulting shredded material is not crushed but the fibre is broken and chopped, which is very good for further composting or for energy from waste requirements, for mulching or, simply to reduce volumes to be transported.



## Mechanical reliability and robustness

The shredders are protected by several security systems: a no-stress system, automatic system for optimum feeding depending on the workload.

Engine and rotor transmissions are protected against abrupt stopping and overloading, which also reduces maintenance and repair requirements.

## Mobility and all terrain machines

On roads, on site or in fields, the MENART shredders are easily mobile. They have certification for road towing as farm machines.

The largest model, the MENART P160, has been designed to have minimum road obstruction.





# Practical data

	H 102	H 121	P 145	P 160
T version (tractor PTO drive) Optimum power of tractor (Minimum tractor power)	PTO 540 rpm 70 hp (40 hp)	PTO 1.000 rpm 130 hp (80 hp)	PTO 1.000 rpm 200 hp (140 hp)	PTO 1.000 rpm 300 hp (200 hp)
D version (Diesel engine)	47 hp	130 hp	250 / 325 hp	325 / 440 / 540 hp
Loading height	1,20 m	1,64 m	2,28 m	2,40 m
Feed opening	890 x 310 mm	1200 x 500 mm	1440 x 700 mm	1440 x 730
Approximate capacity	30 m <sup>3</sup> /h	50 m <sup>3</sup> /h	125 m <sup>3</sup> /h	200 m <sup>3</sup> /h

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Alteration to the technical specifications can be done by Ménart se at any time without prior notice. Please cross check when ordering.

# References



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Local agent :



Please request documentation on our other products: shredders, turners, mobile and stationary screens, etc.