

▶ S-MF series
S 7000-9000-10000 / MF 10000



HAMMER SHREDDERS

Machines for compost production



GREENLINE



S 7000

This model belongs to the medium/little size machines and it is the ideal one for contractors who maintain parks and gardens or to operate in little equipments for the production of compost, or in little municipal ecological areas.

The machine has a rotor with 64 articulated hammers, lined-up in four columns, and a counter-hammer system adjusting the size of the shredded material.

The material to be shredded is introduced (manually or mechanically) into the capacious hopper, equipped with a conveyor belt with closed chains, hooks on the base and hydraulic measuring roller (which presses and adjust the passage of the product towards the hammers' action).



Big feeding hopper and radio remote control



Hook-lift system



Tracked machine



Regular and uniform size of shredded material

The electronic NO STRESS device sets the feeding, by avoiding the overload of the motor and the blockage of the machine.

The independent hydraulic, by means of the pump and the hydraulic motors, activates the feeding chain in the hopper, the measuring roller and the evacuation conveyor. This last one, composed by a rubber discharging belt, brings the shredded material up to a height of 2.2 meters.

The standard machine is available in three different versions: tractor's PTO, diesel or electric motor.

The shredder S 7000 can be stationary, tracked, assembled on a trailer for the low speed displacing or on a trailer homologated for the 80 km/h towing.



S 9000

Middle-great dimension machines, studied for the disposal of the organic waste (for compost production) and of the wood scraps (for biomass production).

They can be driven by the tractor's PTO or by an autonomous diesel or electric motor.

Their capacious hopper and their high performance confirm these machines as ideal to operate in municipal ecologic areas, for third parties and for professional compost producers.

A conveyor belt with closed chains, placed at the end of the hopper, together with a toothed roller, conveys and presses the material towards the action of the hammers.



Wide loading hopper



Rotor S 9000 with mobile hammers with counter-hammer



Double feeding chain (for version S 10000)



Rotor S 10000 with mobile hammers with counter-hammer

S 10000

Version "10000" allows the assemblage of a floating inclined chain (instead of the toothed roller) in order to facilitate the transport of the material to be shredded.

These machines have a special shredding mechanism, including a rotor, which, operating from the top down, brings the material against a fixed plate, assuring a fine and uniform fiberisation of the material.

The rotor, composed by many discs positioned side by side, minimizes the risk of rupture in case unprocessable material is accidentally introduced in the machine.

According to the usage purposes, different types of hammers can be mounted (standard or Widia reinforced).



MF 10000



MF 10000

In the MF 10000 version, the motor, with reinforced frame, mounts an inferior number of hammers, but these are fixed and cover the complete drum's width.

Extremely hard material (knobby roots, logs ...) or fibrous (palm tree logs or leaves) can be processed, obtaining a refined and calibrated product, suitable for composting.

An electronic device adjusts the feeding of the material to be shredded, according to the available power.

A rubber discharging conveyor or a deflector for the discharge to the ground are included in the standard fitting of this version.



Material with fixed hammer rotor



Rotor S 10000 with fixed hammers

OPTIONS

- ✓ 80 Km/h tandem axle trailer
- ✓ Forestry crane with pincer
- ✓ Output counter hammers to level out the shredded material
- ✓ Output sieve (instead of the counter hammers)





TECHNOLOGY

► Hammers details

FOR S 7000 MODEL



Equipped with 96 hammers

Thickness	Weight
6 mm	0.25 Kg



Equipped with 64 hammers

Thickness	Weight
12 mm	0.5 Kg



Equipped with 64 hammers with **WIDIA tip**

Thickness	Weight
12 mm	0.5 Kg

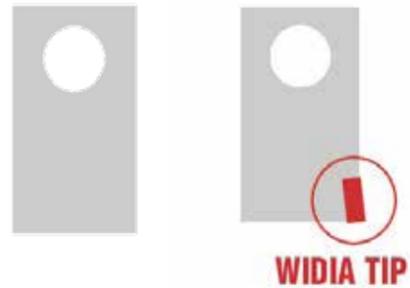
OPTIONS

- ✓ Macchina con sistema scarrabile e motore elettrico
- ✓ Hook-lift machine with electric motor
- ✓ Rubber foldable output conveyor (for 5 m height discharge)



► S 7000 - S 9000 - S 10000 - S MF 10000 series

FOR S 9000 MODEL



Equipped with **96 hammers**
with or without **WIDIA tip**

Thickness	Weight
12 mm	1 Kg

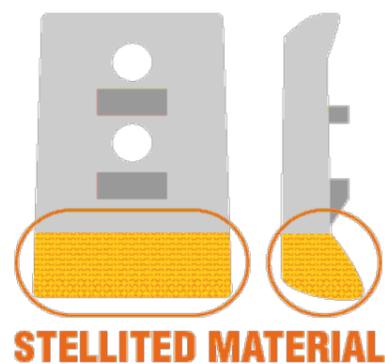
FOR S 10000 MODEL



Equipped with **28 hammers**
with **WIDIA tip**

Thickness	Weight
25 mm	3.3 Kg
45 mm	7 Kg

FOR MF 10000 MODEL



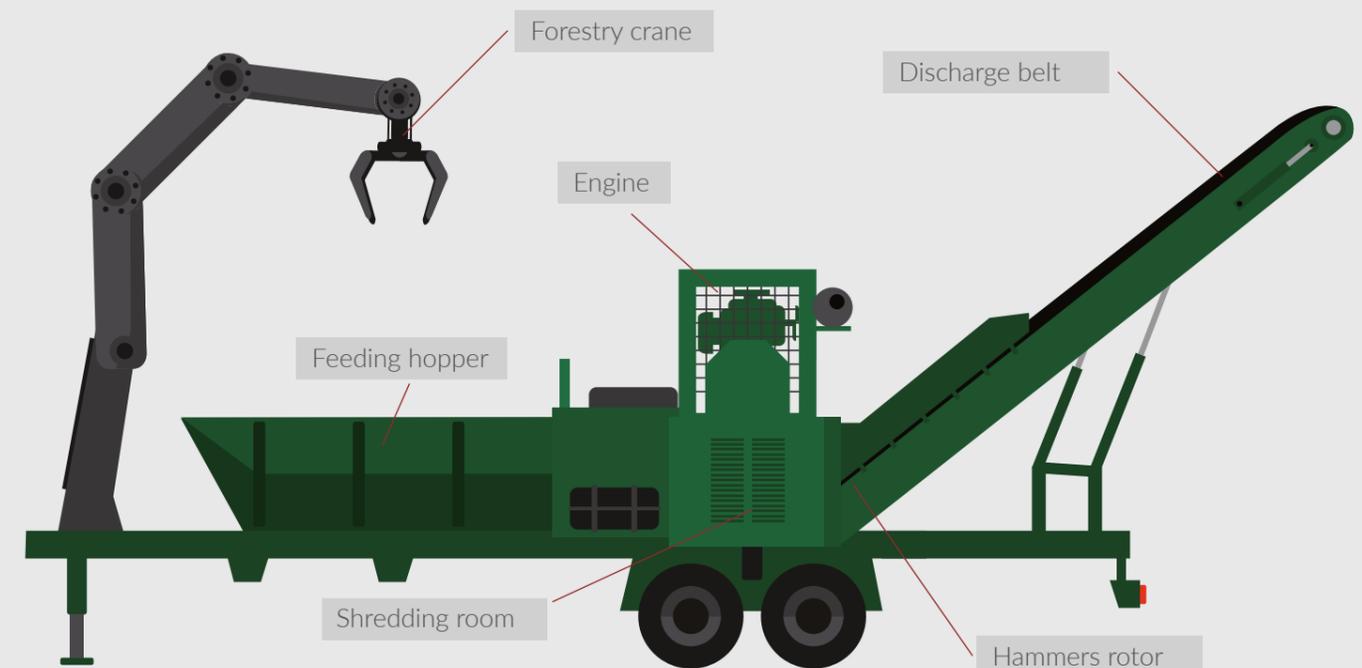
Equipped with **14 hammers**
with **STELLITED MATERIAL**

Thickness	Weight
65 mm	11 Kg

		S 7000	S 9000	S 10000	MF 10000
Minimum tractor power:	Hp	50	90	110	150
Diesel motor power	Hp	67	205 - 238	200 - 400	353 - 429
Electric motor power	kW	37	90	110 - 200	160 - 200
Hopper dimensions	mm	3100 x 1550	3500 x 1800	3500 x 1800	3500 x 1800
Feeding roller width	mm	630	900	1000	1000
Feeding roller maximum opening	mm	200	350	400	400
Shredding room diameter	mm	530	780	960	960
Feeding chain width	mm	630	1000	1000	1000
Feeding chain length	mm	2150	3000	3000	3000
Hammers tip speed	m/s	65	62	62	62
Hammers fixing:		mobile	mobile	mobile	fixed
Production capacity*	m³/h	20	30 - 40	60	80 - 120
Machine dimensions (PTO)	mm	5700 x 1920 x 2840	7900 x 2300 x 3000	7900 x 2300 x 3000	7900 x 2300 x 3000
Machine weight (PTO):	Kg	3200	4200	5600	6500

* Declared production are variable according to the available power and material type

SHREDDER COMPOSITION



WHATEVER WOOD, THE BEST CHIPS

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Progress and constant research may modify some technical data and descriptions as described in this leaflet without Pezzolato SpA warning its readers.



DEALER



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