



Drum chippers **PTH** Series

*Whatever wood,
the best chips*

GREENLINE

**PTH 500
PTH 700
PTH 900**





PTH 500

PTH 500

This is our flagship model in the COMPACT range of Pezzolato drum chippers, both due to the number of units sold as well as due to the quality/price ratio that allows excellent production levels despite the machine being "compact". The particularly robust structure stands out because of the inlet mouth width which enables the passage of material up to 500 x 400 mm. This particular machine is ideal for those who produce wood chips as fuel for domestic heating systems, for agricultural tourism, hotels, greenhouses, schools, or for those who simply need to reduce the debris from pruning.

It can be operated via the tractor PTO, or using an autonomous engine (diesel or electric) and it can be fed manually or using a mechanical loader. The entry of material is facilitated by a feed conveyor at the end of the inlet mouth (a double belt covering the entire surface of the hopper can be provided upon request). The combined action of the belt and upper roller facilitates the introduction of bulk material, even using mechanical loaders. Routine maintenance and the replacement of knives can be performed extremely quickly and easily thanks to the "total" lifting of the feed roller.



"M version" machine (Driven by Diesel engine)



"G version" machine (driven by PTO tractor), manual feeding



PTH 700

PTH 700-900

Medium power machines within the Pezzolato drum chippers line, their drum diameter measures 660 mm. The feeding mouth width distinguishes the two models. Able to produce 50 up to 70 m³ /h chips per hour, they guarantee high throughput. Powered by tractor Power Take Off or provided with autonomous diesel engine. The new design of the conical hopper (without bottlenecks that

tend to trap the material, roomy and supplied with a 2° inclination that facilitates the insertion of entire plants) in combination with a longer catenary system that is able to transport the material directly to the drum, facilitates the introduction of bulk material like brushwood, and increases machine aggression during feeding. The large fan (1250 mm) mounted directly on the drum shaft is able to

Monoaxle low-speed trailer



"M version" machine (Driven by Diesel engine)





PTH 900

work at a low speed (less than 600 revs) to help reduce dust and increase wood chip quality. Each standard installation includes a single axis trailer which provides compactness and increases agility and manoeuvrability in tight spaces. With its cutting system that is interchangeable where required, the drum makes these chippers ideal for the production of wood chips used with domestic boilers, large power plants or gasifiers.

The wear parts of all machines are cost effective and simple to replace in short maintenance times. The integrated computer suggests any ordinary and extraordinary maintenance operations to be performed according to the manufacturer's maintenance plan.



Space saving during transportation



Feeding hopper and upper roller's total lifting

EXTRAS AND CONFIGURATIONS

Pezzolato S.p.A. cares for its customers needs and listens carefully to the machines' endusers. This relationship has secured a number of customized features that are available on these machines to assure each Pezzolato PTH series chipper supplied meets or exceeds customers expectations.

- \\ **NO STRESS electronic device**, available on all standard machines, automatically regulates the in-feed of material according to the available power
- \\ **Sieving grids** for chip calibration with different sizes, easy to replace
- \\ **Radio or cable remote control**, to manage the chippers main activities at a distance
- \\ **Tracks** to drive the machine in rough terrain
- \\ **C-shaped wood-splitter**
- \\ **Hydraulic traction**, to easily move the machine in impervious paths
- \\ **Hook-lift system**
- \\ **Telescopic legs** enable transportation of the chipping unit on several vehicles
- \\ **Low- or high-speed towing trailer**, with air or hydraulic brakes
- \\ **Forestry cranes**, with or without cabin, in customized configuration

Only for PTH 500 model:



General:

Only for PTH 500 model:

- \\ **Security bar**, for hand or crane feeding
- \\ **Stationary version with electric motor**
- \\ **Feeding chain** along the entire hopper to facilitate the insertion of bulk material
- \\ **Discharge belt**, to obtain better quality chips
- \\ **Hydraulically folding hopper extension**, to easily introduce certain types of wood
- \\ **Pulley-belt device** between cardan shaft and drum, lowering the height of the cardan at 60 cm from the ground

Only for PTH 700 / PTH 900 models:

- \\ **Collapsible counter-blade** secured with shear bolts



TECHNICAL FEATURES		PTH 500	PTH 700	PTH 900
Minimum tractor power	Hp/kW	80/59	120/88	140/103
Maximum tractor power:	Hp/kW	150/110	220/162	280/207
Diesel engine power:	Hp/kW	175/128	205/156 - 371/273	205/156 - 371/273
Maximum chipping diameter (soft wood):	mm	400	500	500
Maximum chipping diameter (hard wood):	mm	300	300	300
Maximum inlet passage:	mm	500 x 400	640 x 600	950 x 600
Knives:	n°	2/3	2/3/6	4/8
Hourly throughput	m ³ /h	20-30	until 90	until 120
Drum diameter:	mm	660	660	660
Drum width:	mm	480	640	950
Feeding chain length:	mm	500	640	950
Feeding chain width:	mm	750	2300	2300
Weight PTO machine (std model)	Kg	3200	5600	7500



PEZZOLATO, A 360° COMPANY

REALISATION

A continuous R & D program supports Pezzolato's development and manufacturing. Wholly performed in house, own specialised personnel follow every single step up to the delivery of all machines.

COMPONENTS

All hydraulic, electric and electronic components mounted on Pezzolato chippers are supplied exclusively by prime-quality European manufacturers.

ASSISTANCE

Technical assistance is provided quickly and performed by own personnel. Specialised Pezzolato technicians are always available to intervene directly or to support local authorised dealers and service facilities.

SPARE PARTS

Thanks to its large stock, Pezzolato is able to send and deliver any spare parts at customers' premises all over the world, within 24/48 hours.

DEALER

