PTH series
PTH 700-900

pezzolato

DRUM CHIPPERS

Whatever wood, the best chips

GREENLINE

PTH 700 / 900

For medium productions

Medium power machines within the Pezzolato drum chippers line, their drum diameter measures 660 mm.

They are differentiated by the width of the feeding mouth and wide opening of the upper roller (up to 60 cm). Ideal for producing up to 100 cubic meters of wood chips per hour, guaranteeing high yields.

Powered by tractor Power Take Off or provided with autonomous diesel engine.

The design of the conical hopper (without bottlenecks that tend to trap the material), combined with a catenary system able to move the material directly to the drum, allows feeding of bulk material.

The large fan (1250 mm) mounted directly on the drum shaft is able to 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.

The wear parts of all machines are cost effective and simple to replace in short maintenance times.

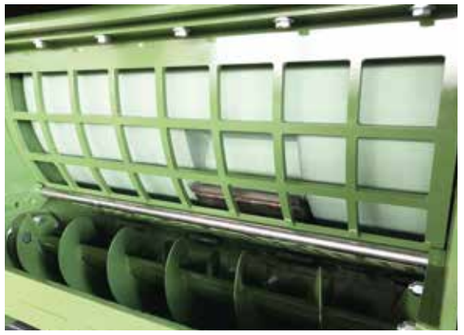
The drum with cuttinng system interchangeable where required, makes these chippers ideal for the production of wood chips used with domestic boilers, large power plants or gasifiers.

The integrated computer suggests any ordinary and extraordinary maintenace operations to be performed according to the manufacturer's maintenance plan.

EXTRAS AND CONFIGURATIONS

For customizing your chipper

- 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
- Iron track for independently moving the machine in marshy areas or in the factory yard by adding “rubber” pads
- C-shaped wood-splitter
- Hydraulic drum rotation starter for model powered by the tractor's Power Take Off in the absence of a progressive movement clutch
- Hook-lift system



Pezzolato SpA cares for its customers’ needs and listens carefully to the machine end-users, further being a flexible and versatile company. Pezzolato machines can be customised through a series of extras.

- Low- or high-speed towing trailer, with air or hydraulic brakes
- Forestry cranes, with or without cabin, in customized configuration
- Discharge belt as an alternative to the fan, for even higher quality wood chips
- Electronic controller with 7” inch display for controlling certain accessories (wood splitter, reversible fan for radiator cleaning, black box for continuous monitoring relating to GPS)
- Reversible radiator fan to automatically clean the motor's radiator, thereby saving fuel
- Collapsible counter-blade
- Set up on truck
- Extension for hydraulic tilting hopper, aids feeding certain types of material
- Telescopic legs enable transportation of the chipping unit on several vehicles

TECHNOLOGY

Pezzolato cutting technology

Development and technology

The cutting system used by Pezzolato consists of a closed stagger sections drum equipped with knives, a counter-blade and a sieving grid with interchangeable calibration.

This system assures the production of quality chips since the closed drum keeps the chips cutting length fixed and constant. The wood undergoing the knife action is transformed into calibrated chips, which can pass through the calibration grid immediately after the cut.

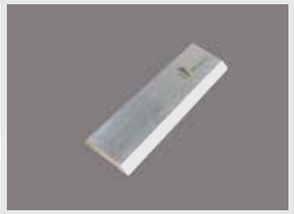
Whatever is the need of the customer, either micro-chips for pellet production or extra large chips for the improvement of the big heaters/boilers performance, Pezzolato knows and o□ers the best cutting technology, thanks to the deep knowledge in Mechanics and the constant R&D of specific solutions.

TWO CUTTING SOLUTIONS FROM PEZZOLATO

STANDARD DRUM

QNEW INNOVATIVE SYSTEM FOR THE FIXING OF THE KNIVES TO THE DRUM "QUICK&SMART"

- Knife-support fixed to the drum by means of screws;
- Knife only 60 mm width and 7 mm thick;
- Conical press knife: it allows the blocking of the knife with only 200 Nm, assuring an easy substitution;
- Moderate costs and short times in case of damages to the knives due to the presence of foreign bodies in the biomass.



HEAVY DUTY DRUM

STANDARD CUT GROUP

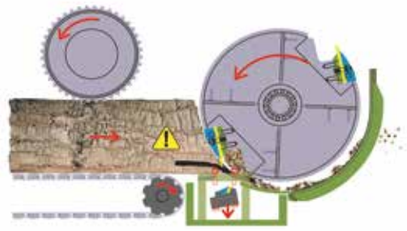
Cut group for the maximum exploitation of the wear components composed by:

- Under knife fixed to the drum by means of screws;
- Knife with eyelets (easy extraction and adjustment of the rear screws);
- Press knife with multiple stud bolts for a facilitated screwing.

SECURITY AGAINST THE INTRODUCTION OF FOREIGN BODIES

COLLAPSIBLE COUNTER-BLADE - It's mounted on a running slide and secured with adjusted shear bolts.

Whenever a hard body is accidentally entered into the chipper, the bolts are sheared and the counter-blade falls down, so that the foreign body exits before causing damages.



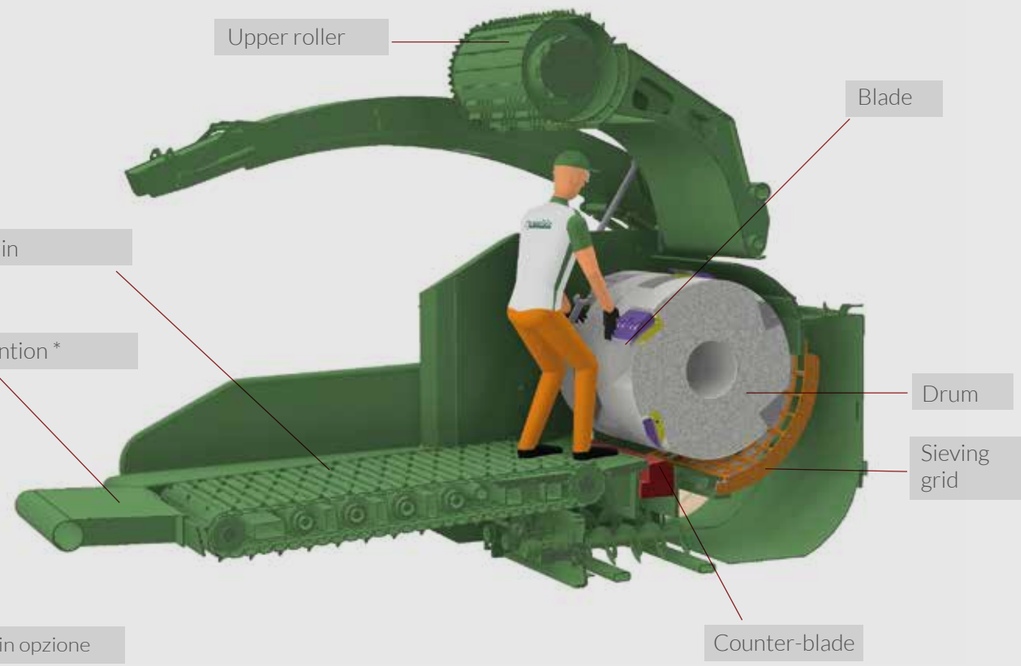
TECHNICAL FEATURES

PTH 700 - PTH 900 Series

		PTH 700	PTH 900
Minimum tractor power:	Hp/kW	120/88	140/103
Maximum tractor power:	Hp/kW	220/162	280/207
Diesel motor power:	Hp/kW	174/129 - 429/315	205/156 - 429/315
Maximum chipping diameter soft wood*:	mm	500	500
Maximum chipping diameter hard wood*:	mm	350	350
Maximum inlet passage:	mm	640 x 600	950 x 600
Blade**:	n°	3	4
Hourly throughput*:	m^3/h	fino a 80	fino a 100
Drum diameter:	mm	660	660
Drum width:	mm	640	950
Feeding chain width:	mm	640	950
Feeding chain length:	mm	2200	2200
Weight PTO machine (std model):	Kg	5700	8500

* Diameters and declared production are variable according to the available power, wood type and chip size.
** In the case of a double cut system, the number of blades doubles.

PARTS OF PTH



WHATEVER WOOD, THE BEST CHIPS

www.pezzolato.it

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

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DEALER

PTH 700-900 | 09-2019 | ENG

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CERTIFICAZIONE DI SISTEMA QUALITÀ DNV·GL ISO 9001

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