



PTH 1000/820



**pezzolato**

## Drum chippers **PTH** Serie

*Whatever wood,  
the best chips*

**GREENLINE**

**STATIONARY CHIPPING PLANTS**



**STATIONARY CHIPPING PLATS FOR SAWMILL TRIMS**

## STATIONARY CHIPPING PLANTS

Mainly used in: biomass power plants, pellet-briquettes plants, saw mills and yards for chipping. They are divided into two types: automatic fed systems, ideal to chip sawmill waste and small diameter logs; systems fed by the operator, suitable to chip logs of different diameters, branches and treetops that could not be loaded by automated means. The systems with automatic feeding are equipped with three electric motors, one driving the drum and the other two driving the rollers, upper and lower, the feeding is given by the use of

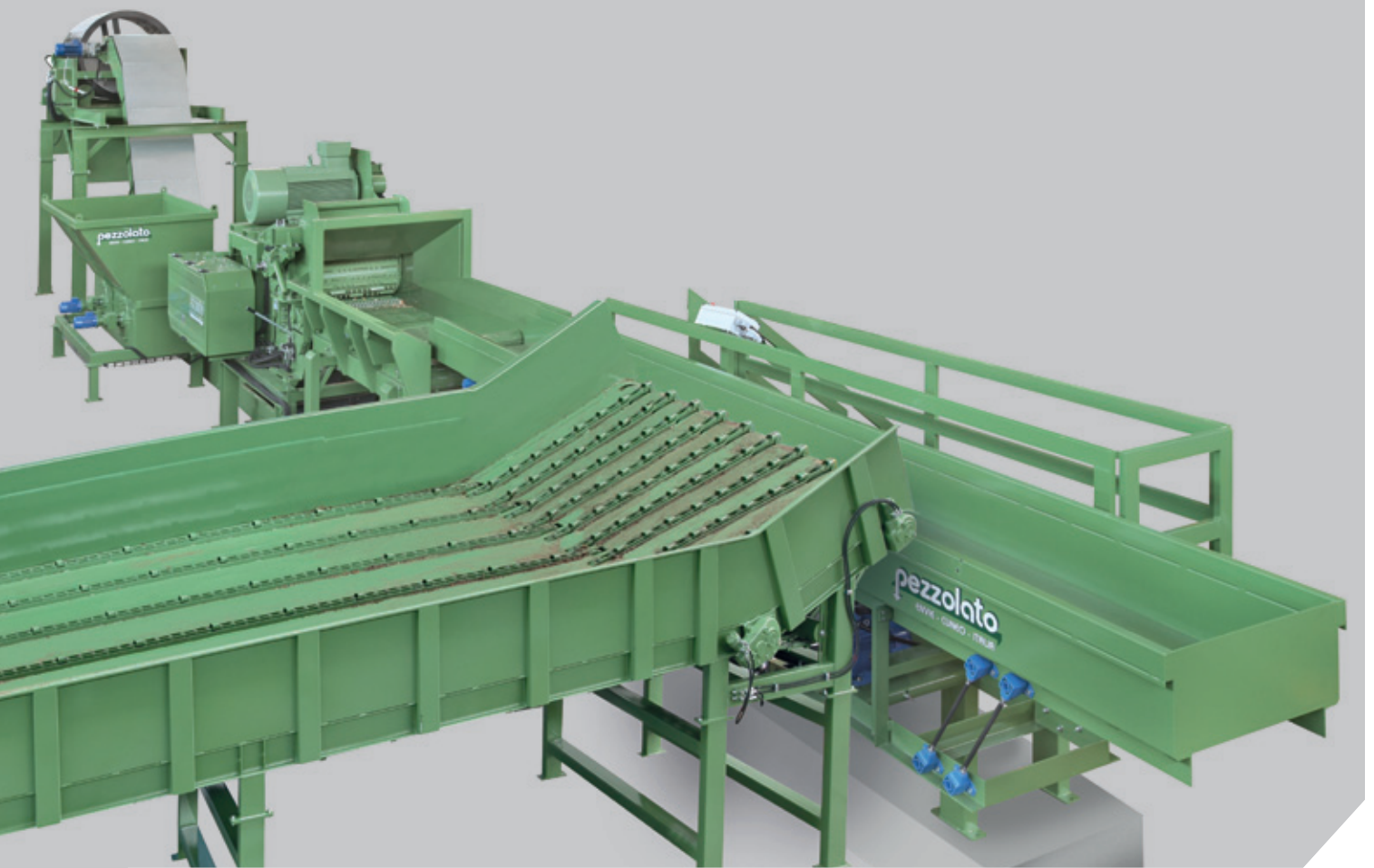
rubber bands, vibrating channels and tables, chain conveyors. The systems which provide an operator are equipped with an electric motor that directly drives the drum; the feeding system, similar to that of the forestry chipper, with an upper roller and one or two lower rollers depending on the model, is driven via an independent hydraulic system. The feeding is generally made by the aid of a crane with mechanical caliper.

*Automatic feeding drum chipper*



*Loading table with closed chains*





**AUTOMATIC FEEDING SYSTEM**

**PEZZOLATO,  
A 360° COMPANY**

**REALIZATION**

A continuous R&D program supports Pezzolato machines' development and manufacturing. Such activities are totally performed in house; own specialized personnel follows any single step up to the delivery of any machines.

**COMPONENTS**

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

**ASSISTANCE**

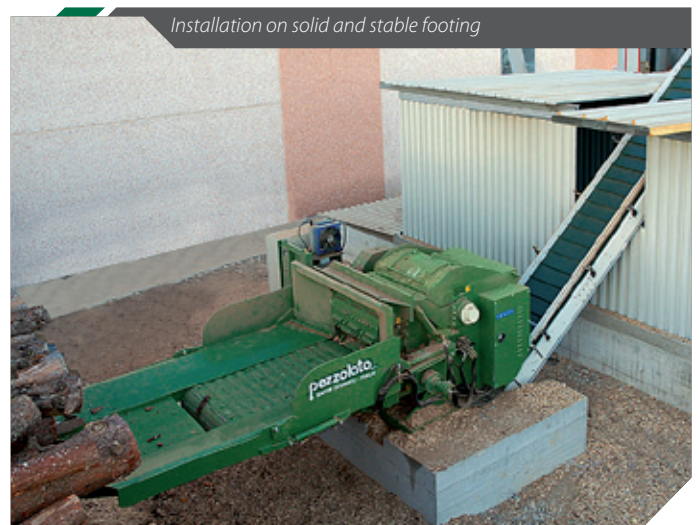
Technical assistance is provided quickly and performed by own personnel. Specialized Pezzolato technicians are always available to intervene directly or to support local authorized dealers and service facilities.

**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.



*Unloading chain conveyors*



*Installation on solid and stable footing*

## EXTRAS AND CONFIGURATIONS

Pezzolato SpA cares for its customers needs and listens carefully to the machines' end-users, further being a flexible and versatile company. Pezzolato machines can be customized through a series of extras, i.e.:

- ▼ **Metal detector** to sort out any possible metal pieces before feeding to prevent accidents and damages
- ▼ **Vibrating conveyor** to compact the material to avoid the wood clogging
- ▼ **Unloading chain conveyors** these are able to discharge the chips at any height or distance, to enable truck loading or to make piles
- ▼ **Loading table with closed chains** especially suitable for mixed material; both large and small wood pieces are smoothly delivered into the feeding conveyor, thus preventing any special waste
- ▼ **Rotating conveyors** these allow loading of several trucks even if they are located in different position
- ▼ **Trailer for low speed transport** for easy machine transportation
- ▼ **Loading station for slabs** to stock the material to be processed in big quantities and optimize working cycles
- ▼ **Log loader:** The best loader is provided according to the wood to be processed
- ▼ **Chipped Sieve** for the refining and sifting of the chipped wood
- ▼ **Charger for short logs** with multiple

feeding chains and containment sideboards can process short logs loaded in bulk

- ▼ **Soundproof cabin** protects the operator from the noise and dust
- ▼ **Stationary Crane** for systems with operator feeding
- ▼ **Tank for loading wood chips** in case you were to sift chips from outside and not produced by the stationary you can insert between the chipper and the sieve a tank that allows to load wood chips on the plant and prune it directly to the sieve
- ▼ **High efficiency electric engine** with adequate power, it ensures low fuel consumption and less noise
- ▼ **Sieving grids** with different sizes, easy to replace

Charger for short logs



Vibrating conveyor



Log loader



Tank for loading wood chips



Rotating conveyors



Trailer for low speed transport



Loading station for slabs



Chipped Sieve



Metal detector



## "PEZZOLATO CHIPS" ARE CERTIFIED

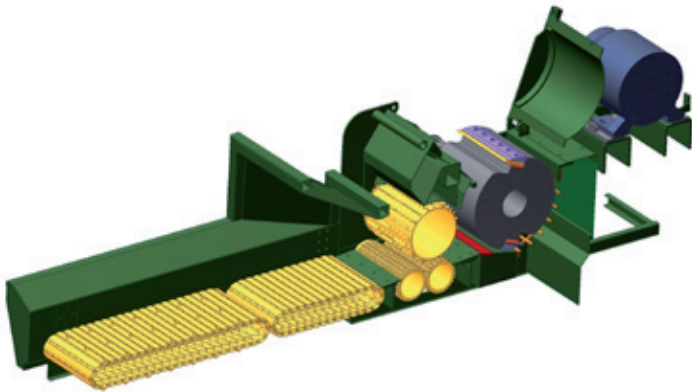


Chips size and features as produced by Pezzolato drum chippers have been analysed and verified by CNR IVALSA (National Research Council of Italy. Trees and Timber Institute).

## PEZZOLATO CUTTING TECHNOLOGY GUARANTEES HIGH QUALITY CHIPS

Pezzolato cutting technology consists in a closed drum provided with blades as large as the whole drum axis, a counter blade and an interchangeable sieving grid.

Such system, that has traditionally been mounted on industrial stationary chippers, guarantees the production of high quality chips; wood is in fact forced against the blades and is thus transformed into homogeneous chips, which pass through the sieving grid immediately after cutting. The closed drum also helps keeping the cutting length fixed and constant.

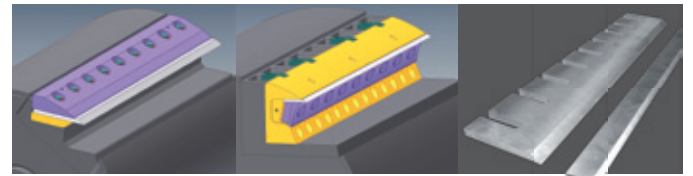


## TWO BLADES, MAKE PEZZOLATO

Pezzolato drums can be provided with two different blades:

**Standard:** i.e. the traditional blade that has always been mounted on Pezzolato drum chippers. It allows setting different cutting lengths and is easy to replace, it can be sharpened up to 20 times, it is applicable to a special drum for producing extra size chips.

**Quick&Smart:** provided with a revolutionary fixing system, it is fixed directly to the drum, is easy to handle and quick to replace, it costs 30% less than a traditional blade (to buy and to maintain), it can be sharpened up to 3 times.

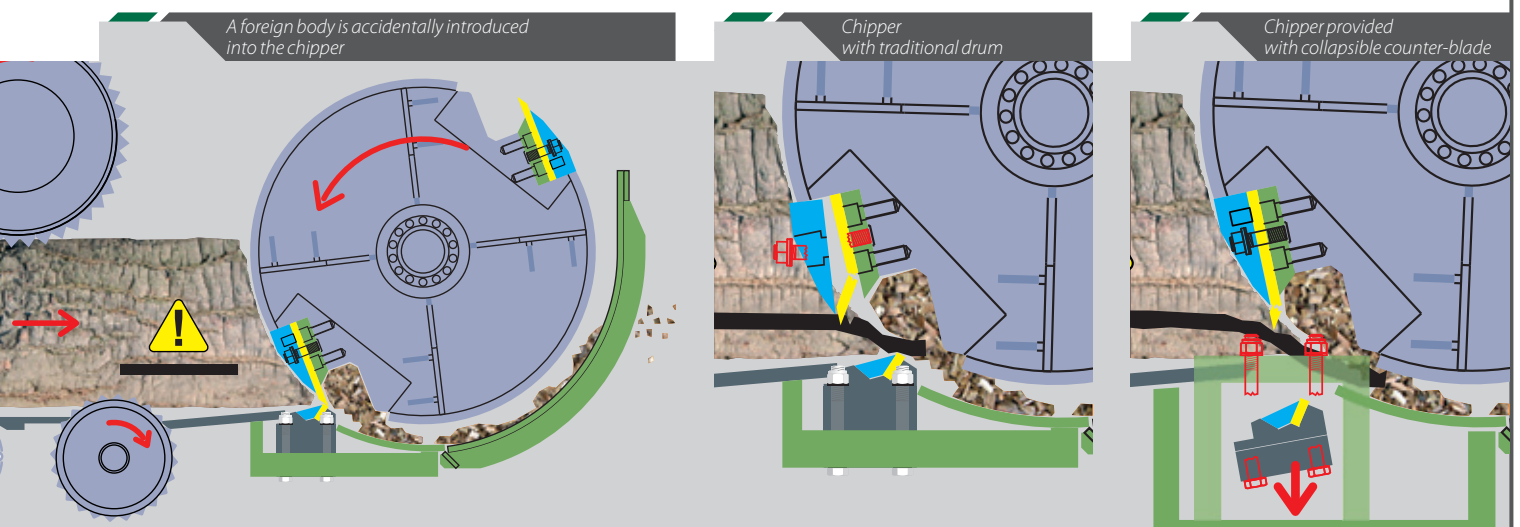


STANDARD BLADE

QUICK&SMART BLADE

## PEZZOLATO COLLAPSIBLE COUNTER-BLADE SECURED WITH SHEAR BOLTS

The chipper can be supplied with a collapsible counter-blade 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.



## STATIONARY DRUM CHIPPERS WITH FEEDING BY OPERATOR

TECHNICAL FEATURES		PTH 700/660	PTH 900/660	PTH 1000/820	PTH 1000/1000
Electric engine motor	Kw	110	132	250	315
Maximum chipping diameter (soft wood)	mm	400	400	560	700
Maximum chipping diameter (hard wood)	mm	300	300	450	550
Blades	Nr	2	2	2	2
Hourly throughput	m3/h	40-50	60-70	100-120	130-150
Drum diameter	mm	660	660	820	1000
Drum width	mm	640	950	900	1000
Superior rollers	nr	1	1	1	1
Lower rollers	nr	1	1	2	2

## STATIONARY DRUM CHIPPERS FOR SAWMILL WASTE



TECHNICAL FEATURES		PTH/S 480/660	PTH/S 700/660	PTH/S 900/660
Electric engine power	kw	75	110	132
Material inlet	mm	480 x 250	640 x 250	950 x 250
Blades	Nr	2	2	2
Hourly throughput	m3/h	20-30	40-50	60-70
Drum diameter	mm	660	660	660
Drum width	mm	480	700	900
Superior rollers	nr	1	2	2
Lower rollers	nr	2	2	2

Dealer



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