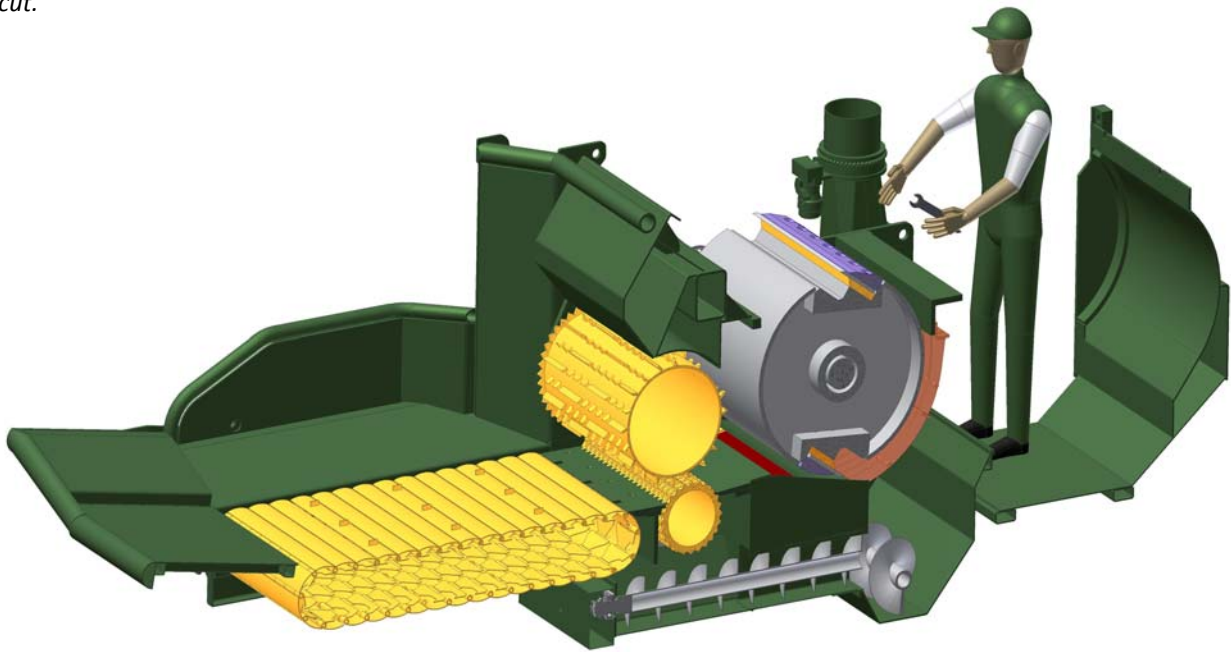


THE CUTTING TECHNOLOGY THAT GUARANTEES HIGH QUALITY CHIPS

PEZZOLATO DRUM CHIPPERS CUTTING TECHNOLOGY allows producing PRIME QUALITY CHIPS, deriving not only from logs but from branches, sawmill wastes and low-value material as well.

Pezzolato cutting system is made of: a closed drum equipped with blades, as long as the whole drum axis, a counter-blade and an interchangeable output sieving grid for chips calibration.

This system, that so far has been mounted mainly on industrial stationary chippers, guarantees the utmost regular chips whatever type of material is cut.



CLOSED DRUM: to avoid oversize woodchips

The closed drum guarantees a constant cutting length.

Once the distance between the blade and the drum (i.e. the cutting length) is set, the material is always cut in the same size each time the blade passes, thus ensuring high quality chips even when deriving from branches or by-products.

In the so-called "open" drum chippers, the material can be dragged by the drum and then cut beyond the maximum size. Thanks to the Pezzolato technology, the closed drum acts as a barrier and aligns the material, preventing to produce chips larger than required.

LARGE BLADE: to avoid the presence of dust and fine particles in the chips

Pezzolato drum chippers cut sharp the material thanks to the presence of two blades, that are as long as the whole drum axis.

This technology guarantees the production of high quality chips because the material is subject to the action of the blades and immediately passes through the calibrating sieving grid.

The "multi-blades" cutting system chippers that are commonly on the market produce an high percentage of fine particles, since they engrave the wood in several steps and parts.

Moreover, the oversize cut material is forced to run several times into the chipping chamber before passing through the calibrating grid, thus generating a lot of dust.

HIGH QUALITY CHIPS

"High quality chips" can be defined any chip that is compliant with the current standards and regulations; it is obtained thanks to a sharp-cut, has a proper size, has no fraying, is free from fine particles and dust and does not contain too large pieces.

Producing high quality chips means to be able to answer any market request, sometimes even earning more money; it is in fact applicable for both: home boilers, cogeneration power plants, gassifiers, pellets production plants, panels factories, paper mills and so on...

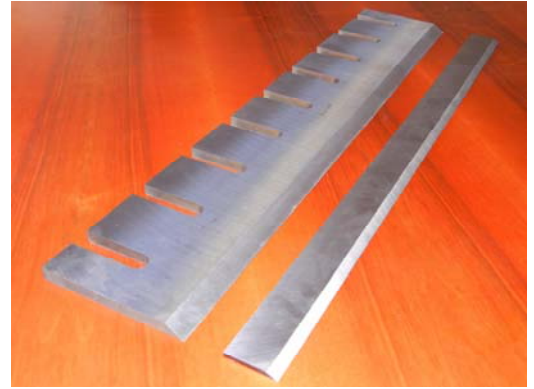
An important market slice requires in fact high quality chips!

The medium and small size biomass home boilers, for example, must necessarily be fed with calibrated small size chips, since they are generally equipped with an automatic feeding system with collecting

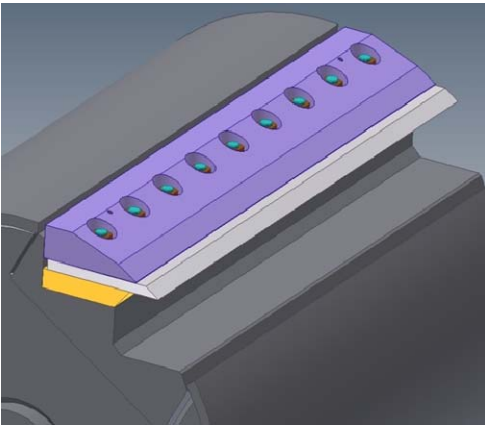
TWO DIFFERENT BLADES

Any Pezzolato chipper guarantees high production capacity in spite of very low operating costs.

In compliance with the effective cutting technology, as described in the previous page, Pezzolato drum chippers can be supplied with two different blades.



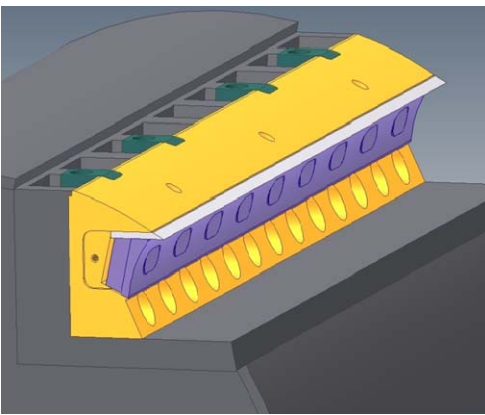
Standard Pezzolato Blade



It is the standard blade, that has always been mounted on Pezzolato chippers up to now

- *Different cutting lengths are possible*
- *Quicker replacement, compared with the “multi-blade” system*
- *Applicable on special drum for the production of big size chips*
- *15/20 Sharpening allowed*

Quick&Smart Blade



The “Quick&Smart” blade is revolutionizing the chipping world; it is the result of Pezzolato research and development program and was realised thanks to the end-users experience.

- *Blade and its sharpening costs are 30% cheaper than with traditional blades*
- *2 Sharpening allowed*
- *Handy size and lightweight*
- *Revolutionary mounting system with conical locking blade: it allows quick replacement, fixing and adjustment without equals*
- *No traditional fixing elements (such as press blades, under blades, prisoners, nuts) are needed. This sets to zero replacement costs*

