

ENG



SOLUTIONS BUILT TO LAST
INVEST FOR YOUR FUTURE

pezzolato.com





GREEN LINE

Business Line dedicated to machines and industrial plants for wood and biomass processing for the production of high quality wood chips.



RED LINE

Business Line dedicated to machines and industrial plants for the production and preparation of firewood.



COMPOST LINE

Business Line dedicated to machines and industrial plants for biomass processing and compost preparation.

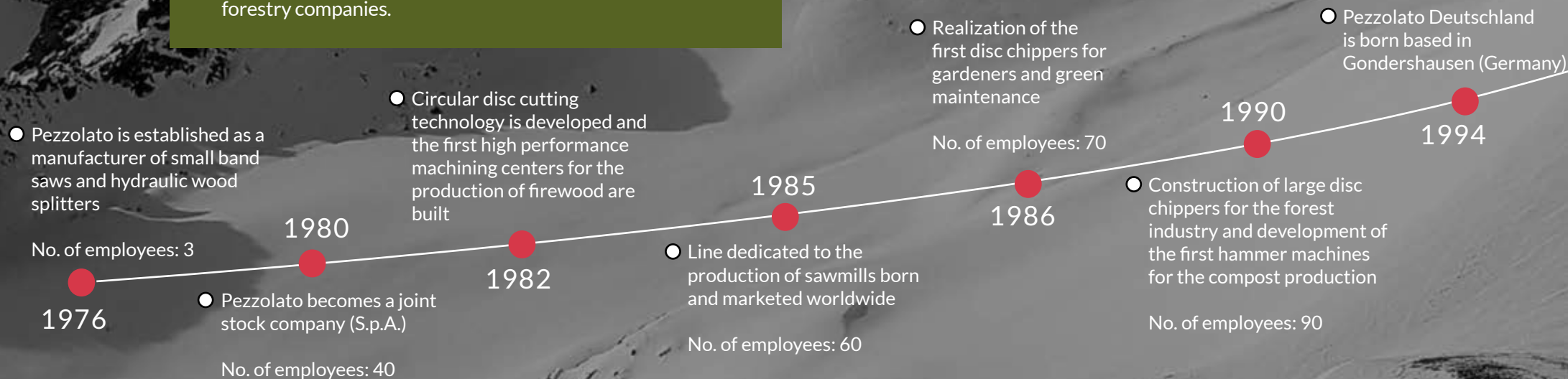
PEZZOLATO

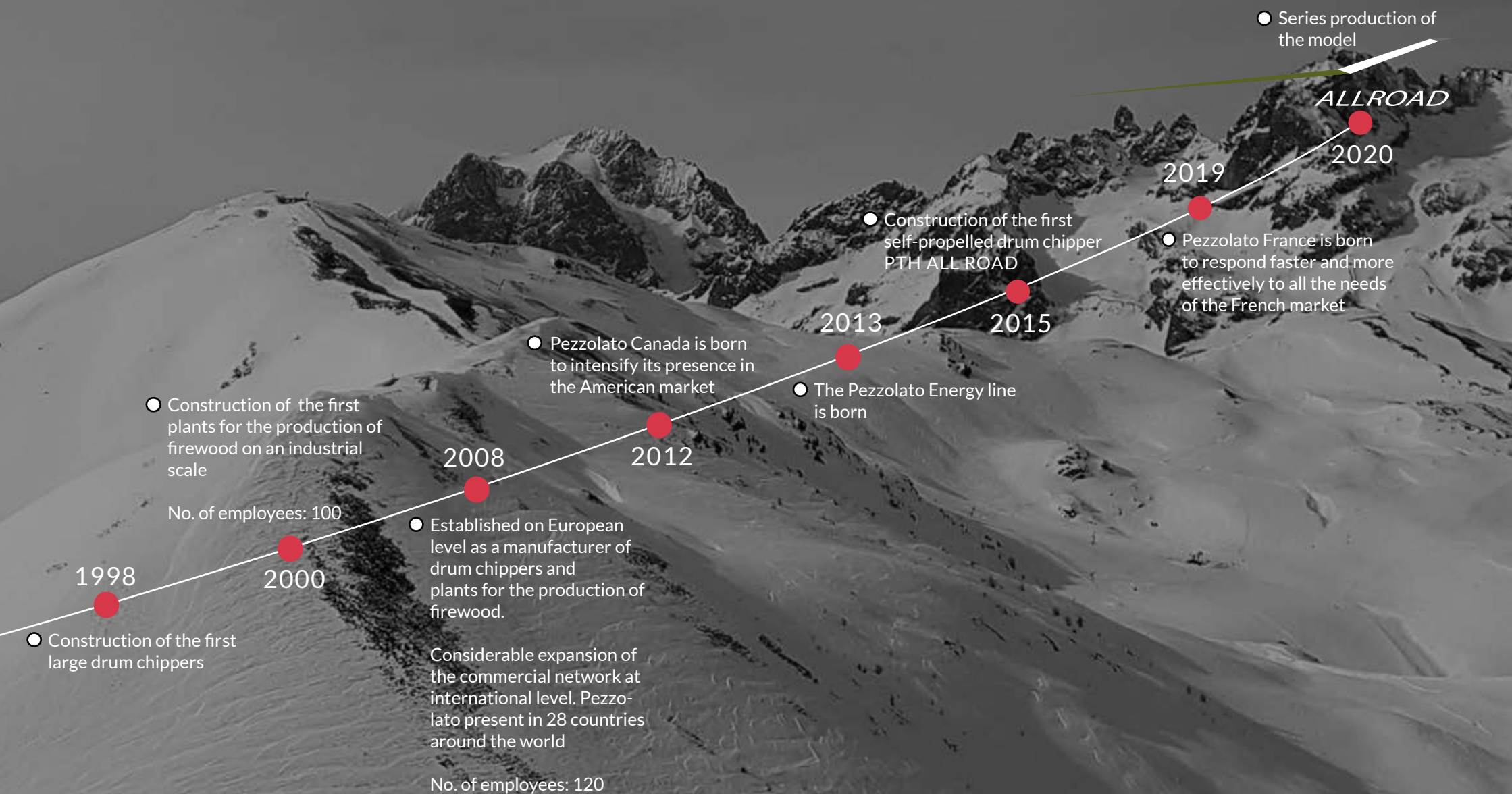
COMPANY PROFILE

Pezzolato S.p.a. is active in the cutting and processing of wood and biomass, producing chippers and firewood machines in Italy since 1976. Today, the plant covers an area of 55,000 square metres (of which 25,000 covered) and employs around 130 employees. Two foreign subsidiaries and a close network of distributors and dealers support the Italian headquarters in the global marketing of products.

The success factors of the company are: a strong vocation for mechanics applied to the forestry sector, a solid know-how matured in almost 50 years of presence on the market, attention to customer needs, a substantial percentage of turnover invested in research and development.

Pezzolato is able to operate with a high degree of flexibility and guarantee its customers both standardised machines and solutions designed ad hoc to meet specific needs, meeting the most diverse requirements, from those of small professional users to that of large agricultural and forestry companies.









FROM PRODUCT DESIGN TO AFTER SALES SERVICE

The company is equipped with an organizational structure that can best address and manage all stages of the “creation” of a new product or industrial plant: from conception to design and production, from marketing to sales and after-sales service.

An approach constantly focused on “innovation and research” supports the “design and construction” activities of the machines, which are entirely manufactured in Italy, in the headquarters’ factory.

Pezzolato’s team of technicians follows the entire production process, from receipt of raw materials and components to delivery and commissioning.



WHATEVER WOOD
THE BEST CHIPS



PROFESSIONAL SOLUTIONS
BUILT TO LAST







PRODUCTION PROCESS

The solid know-how gained in almost 50 years of activity and the in-house mechanical workshop allow Pezzolato to achieve and maintain high quality standards throughout the production process with a “Total Quality Management” approach.

A widespread objective in the company culture is to offer customers a great user experience also thanks to the adoption and integration of new technologies, together with the conception of new operational solutions to meet and exceed the needs of operators working daily in the field.

The aim is to guarantee a ‘distinctive feature’ to the Pezzolato product so that it can continue to be recognised as a market leader, combining performance, reliability and safety.

COMPONENTS

All hydraulic, electrical and electronic components used on Pezzolato machines and systems come exclusively from leading manufacturers and are managed with procurement contracts that aim to minimise delivery times for new supplies.







TECHNICAL SERVICE

Technical support for customers is guaranteed quickly. The specialised technicians of the Pezzolato team are always available to assist directly or to support local authorised workshops.

SPARE PARTS

Thanks to a carefully dimensioned warehouse, Pezzolato can ship and deliver spare parts directly to customer's production site anywhere in the world within 24/48 hours. The spare parts service is supported by automated warehouses that ensure high standards of productivity and control, improving the management of all incoming and outgoing flows of materials and components.

QUALITY

Since 2002, Pezzolato S.p.a. has adopted the ISO 9001:2015 certification system issued by DNV-GL, an internationally recognised agency, for the 'Design, manufacture, and servicing of woodworking machinery, platform-mounted, towable, and self-propelled forestry machinery, and wood biomass drying and screening systems'.







GREENLINE

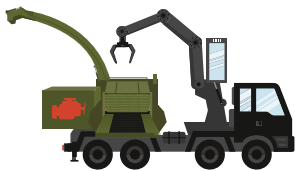
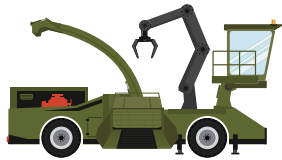
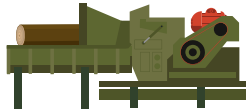


MACHINES AND
EQUIPMENT FOR
BIOMASS PRODUCTION



► CHIPPERS

These machines allow large-scale production of homogeneous and calibrated wood chips, ideal for powering auger fed domestic boilers, large cogeneration plants that burn biomass to produce electricity and/or heat, and gasification plants.



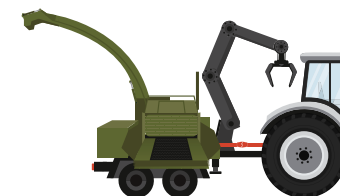


PTO DRUM CHIPPERS

For tractors with between 70 and 600 Hp.

To work diameters of 300 to 800 mm producing between 18 and 300 cubic meters per hour.

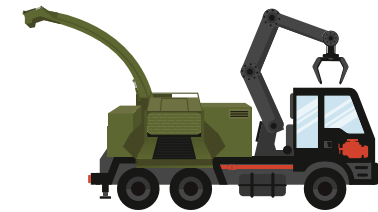
Set up on single-axle, tandem or tridem trailers.







SELF-MOTORED DRUM CHIPPERS



Engines with powers between 200 and 1050 Hp.

To work diameters between 300 and 900 mm with productions ranging between 18 and 400 cubic meters per hour.

Set up on 3 or 4 axle trucks, semi-trailers, tandem or tridem trailers.





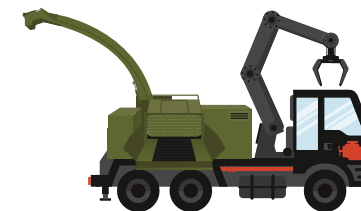


CHIPPERS WITH SPECIFIC SET-UPS

Customization with specific set-ups to meet the needs of each customer, including:

Track for independent movement of the machine in marshy areas or in the yard by adding rubber pads.

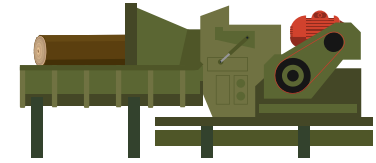
Discharge belt as an alternative to the fan, to obtain even higher quality wood chips.







STATIONARY CHIPPING PLANTS



Stationary chipping plants with electric motors ranging from 55 to 250 kW.

Intended for: biomass power plants, sawmills, pellet-briquette plants and wood chipping yards.







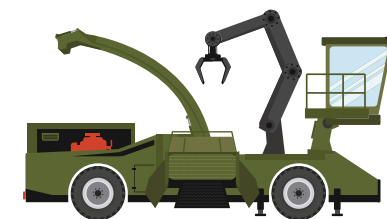
ALL ROAD

Four-wheel drive and two additional axles to allow road circulation.

VOLVO PENTA TWD 1683 engine, 6 cylinders, 16.12 liters, 585 kW, 796 Hp, 3650 Nm.

Comfortable cab which can be raised and swiveled to optimize visibility in the loading area and on the discharge conveyor.

Completely glazed and air-conditioned, equipped with commands for complete control of the machine both for movement and while chipping.







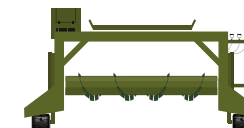
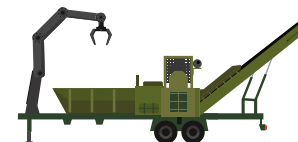
COMPOST LINE

HAMMER SHREDDERS: small, medium and large machines, ideal for the disposal of organic waste (compost preparation) and wood residues (biomass production).

MACHINE WITH SLOW-ROTATION DRUM: ideal solution for the grinding and the disposal of roots, dirty wood and all wood waste.

SCREENS: ideal machines for refining compost and screening wood chips, for the recovery of dry and wet waste, wood waste and shredded pallets.

TURNERS: aerate the compost to aid the fermentation process.









REDLINE

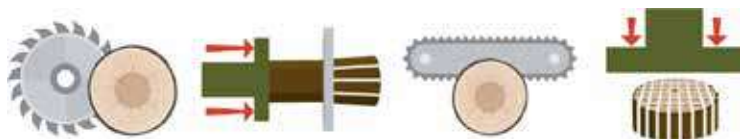


MACHINES AND EQUIPMENTS FOR FIREWOOD PRODUCTION



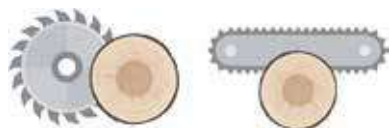
► CUT AND SPLIT

Disc processors with integrated wood splitter.
Disc processors with independent wood splitter.
Equipments for cutting and splitting large diameter logs.



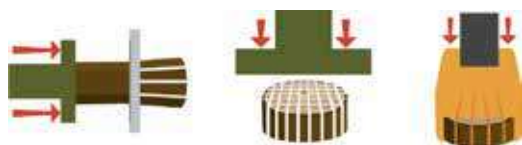
► CUT

Disc processor for cutting logs with diameters up to 800 mm and bundles of mixed wood.
Cutting units with chain system to process any type of log with diameters up to 1200 mm.



► SPLIT

Wood splitters integrated with disc processors.
Independent manual or automatic and horizontal or vertical splitting stations.





CUT AND SPLIT

Disc processors with integrated wood splitter for processing logs with diameters up to 600 mm.

Combined machines with chain cutting system and vertical splitting stations to process logs with diameters up to 600 mm.







CUT

Disc processors and equipments designed to process bundles of mixed wood with uneven diameters and lengths.

Chain cutting units combined with vertical splitting stations to process logs with diameters up to 1200 mm

The width of the feeding channel and the speed of the cutting cycle guarantee high productivity.







SPLIT

Integrated wood splitters, independent manual or automatic splitting stations, horizontal or vertical, with splitting forces up to 40 tons, able to process any type of log up to 1200 mm in diameter.







CUSTOM EQUIPMENTS

Attention to the customer and collaboration with specialized distributors around the world have both allowed us to achieve and consolidate our strong know-how and have given us a better understanding of industrial user needs.

Pezzolato has been designing, building and delivering large, fully customized systems for over twenty years, for example:

Equipment designed to produce firewood starting from hardwood logs with diameters ranging from 5 to 59 cm and with lengths of up to 6 meters for the production of charcoal.







CUSTOM EQUIPMENTS

Equipment designed to produce firewood for large-scale distribution, starting from hardwood logs with diameters ranging from 10 to 70 cm and with lengths of up to 21 meters.

The system consists of 5 main elements:

- 1) Log loading system and relative sectioning to measure useful to feed the cutting unit;
- 2) TLA 18 cutting unit capable of processing logs with diameters up to 710 mm;
- 3) 2 horizontal splitting stations with manual loading;
- 4) TB 900 automatic vertical splitting station (for larger logs);
- 5) Processed logs cleaning system and discharging system of the final product.







CUSTOM EQUIPMENTS

Equipment designed to produce firewood for large-scale distribution, starting from hardwood logs with diameters ranging from 30 to 70 cm and with lengths of up to 6 meters.

The system consists of 5 main elements:

- 1) System for loading and transferring logs to the cutting unit;
- 2) TL 1800 cutting unit capable of processing logs with diameters up to 700 mm;
- 3) Translation unit for cut logs;
- 4) TB 900 automatic vertical splitting station;
- 5) Processed logs cleaning system (cleaning rollers and rotating screen) and discharging system of the final product.







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TRADE FAIRS AND EVENTS

Pezzolato participates in many local and international trade fairs, organises events and demonstrations to present its product range, technological innovations developed by the company, new machines and new production facilities to current and potential customers.

Stay tuned on www.pezzolato.com and on our pages in the main Social Networks! We look forward to meeting you!



PEZZOLATO IN THE WORLD

An extensive know-how gained over the years, the wide and diversified range of machines offered and a well-organized distribution network have all allowed Pezzolato to achieve and consolidate a strong international presence.

Today, Pezzolato boasts references in over 90 countries around the world.





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