

ENG



FIREWOOD PRODUCTION SOLUTIONS





RED LINE - FIREWOOD

Equipment dedicated to commercial and industrial plants for the processing and handling of firewood.

PEZZOLATO

COMPANY PROFILE

Pezzolato S.p.a. is a leading producer of equipment for 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 and employs around 130 employees.

The company's success comes from a strong engineering knowledge which is applied to forestry requirements, almost 50 years of attention to our customers needs and continual reinvestment 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.





● Construction of the first large drum chippers.

1998

No. of employees: 100

2000

● Considerable expansion of the commercial network at international level. Pezzolato present in 28 countries around the world

No. of employees: 120

2008

● Pezzolato Canada is born to intensify its presence in the American market.

2012

● The Pezzolato Energy line is born.

2013

● Construction of the first self-propelled drum chipper PTH ALL ROAD.

2015

● Pezzolato France is born to respond faster and more effectively to all the needs of the French market.

2019

● Series production of the model.

ALLROAD

2020





FROM PRODUCT DESIGN TO AFTER SALES SERVICE

The company is equipped with an organisational 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 aftersales service.

Our approach constantly focused on innovation and research, which leads the design and construction activities of the machines. All of which are entirely manufactured in Italy, at the company's factory.

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



**PROFESSIONAL SOLUTIONS
BUILT TO LAST**





PRODUCTION PROCESS

The experience and knowledge gained in almost 50 years of activity via our totally in-house assembly line allows Pezzolato to achieve and maintain high quality standards throughout the production process with a “Total Quality Management” approach.

The overriding objective of the company is to offer customers a great user and owner experience via the adoption and integration of new technologies, enhanced operational solutions and market leading build quality. To meet and exceed the owner and users needs.

The aim is to guarantee a unique features 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 who are trusted partners with our aim to ensure the highest quality of components and supply.







TECHNICAL SERVICE

Technical support for customers is always on hand. The specialised technicians of the Pezzolato team are always available to assist directly including via machine connected remote diagnostics or to support local authorised dealer.

SPARE PARTS

Pezzolato can ship spare parts directly to customer's production site anywhere in the world on a 24/48 hours service. The spare parts service is supported by automated warehouses that ensure high standards of availability and control, resulting in market leading management of all parts and consumables.

QUALITY

Since 2002, Pezzolato S.p.a. has been ISO 9001:2015 certified, for the 'Design, manufacture, and servicing of woodworking machinery, platform-mounted, towable, and self-propelled forestry machinery, and wood biomass drying and screening systems'.





REDLINE

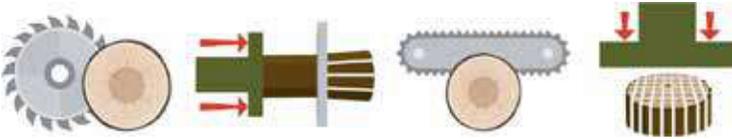


MACHINES AND EQUIPMENTS FOR FIREWOOD PRODUCTION



▶ CUT AND SPLIT PACKAGES

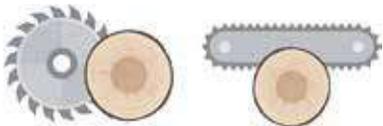
Circular saw processors with integrated wood splitter.
Circular saw processors with independent wood splitter.
Chainsaw processors with integrated wood splitter
Chainsaw processors with independent wood splitter



TLC, TLM
PROF. 1.0
TLK, TMTB
VSP

▶ CUT

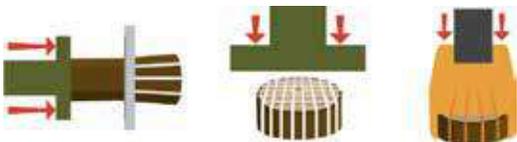
Disc processor for cutting log diameters up to 850 mm and bundles of mixed wood sizes. **TLA, PROF 2.0**
Cutting units with chain system to process any type of log with diameters up to 1200 mm. **TM**



▶ SPLIT

Automatic, vertical or horizontal splitter up to 1200mm.
Manual load splitting stations up to 40 tons

TB, KX, KV
S- series





CUT AND SPLIT PACKAGES

Disc Processors

Logs with diameters up to 600 mm. Static with TLC or mobile with TLM single operator machines which can have full automation of cut and split, the TLC can also bundle cut. Professional 1.0 enables bundle cutting but without automation options.

Chainsaw Processors

Splitting stations to process logs with diameters up to 650 mm. Basic model of VSP, this is enhanced with a TMTB and a TLK can have full automation for cutting and splitting.







CUT

Disc processors and equipment designed to process bundles of mixed wood with uneven diameters and lengths. Up to 850mm maximum diameter with TLA and 470mm with Professional 2.0. Both can have full automation of cutting added. A wide range of splitter equipment can be connected to these highly versatile and world leading output cutting units.

Chain cutting units combined with vertical splitting stations to process logs with diameters up to 1200 mm. The TM cutting units are normally paired with a TB of size to reflect customer's needs. The TM can have full automation of cutting and a TB is a fully automatic highly versatile vertical splitting solution.







SPLIT

Connected or independent wood splitters, manual or automatic splitting stations, horizontal or vertical, with splitting forces up to 50 tons and able to process any type of log up to 1200 mm in diameter. S series is a range of 5 different hand loaded splitting stations. These can automatically cycle each split and can be specified to automatically centre the log and the knife resulting in a better quality product. Our automatic X or V knife K series horizontal splitters are fully automatic and can take up to 700mm timber. The vertical TB automatic splitter can split upto a 1200mm diameter log.







BUNDLE CUTTING & WIDE FEEDING CHANNEL

Multiple logs can be cut at the same time, vastly improving production consistency. The feeding channel is larger than the maximum diameter of the blade cut, meaning you can get a larger volume of firewood cut per cut than a single log cutting system even if the single log was maximum diameter. Bundles can be completely mixed and even of small size which do not need splitting. The overall result is a significantly more consistent volume of logs being cut per hour. The wide feeding channel means a log can significantly exceed the maximum diameter in one dimension, which enables a great deal of flexibility in the straightness and smoothness of the log being cut.

TLA, TLC and Professional







AUTOMATION, PRODUCTIVITY & LOG QUALITY

Automatic cut cycling - most models have the option for the cutting process to run fully automatically once the operator has pressed start. This frees up the operator and means they can effectively run multiple saws or splitters at the same time, significantly reducing labour costs.

Automatic length cutting option of the log based on exact log measurement. The onboard controller very accurately measures and then can cut log lengths into equal sections (within an adjustable set tolerance) or exact lengths i.e. a log of 2300mm might be cut into 10 lengths of 230mm or 10 lengths of 225mm and an initial off-cut of 50mm. This function reduces waste and improves product quality.

Splitter automatic cycling - almost all models of splitters, whether manual or automatic will automatically cycle the split function. Making them quicker to run.

Splitter automatic centring - most manual splitters have an automatic centring option. Meaning the knife is adjusted to centre on the log being split for every time it moves to split. Significantly improving product quality.







BESPOKE SOLUTIONS

Attention to the customer needs and collaboration with specialised distributors around the world has allowed us to have a better understanding of industrial user needs. Pezzolato has been designing, building and delivering large, fully customized systems for over twenty years.







OTHER EQUIPMENT

Large Horizontal Splitter - up to 50T force and 4.1m long logs.

Conveyors - static, rise and fall and slewing options available even with automation of filling cages.

Cleaning Equipment and Grading - trommel, integrated disc cleaner, free standing disc cleaners and size graders.

Packing - pallet packer, automatic box fillers and crate packing lines.







CUTTING

Static or Mobile	Model	Circular Saw or Chainsaw	Maximum Diameter	Feed Channel Width	Bundle Cut	Automatic Option Cut	Package Splitter
Static	Professional 1.0	Circular Saw	400*	600	Yes	No	Yes
	Professional 2.0		470*	600		Yes	No
	TLA 13		510	800			
	TLA 15		590	800			
	TLA 18		710	1000			
	TLA 22		850	1000			
	TLC 1100		440	600			
	TLC 1200		470	600		No	Yes
	TLC 1300		510	600			
	VSP 60.60		600	600			
	TM TB 600		600	600			
	TLK 650		650	650			
TM 900	900	900					
TM 1200	1200	1200	No	Yes	No		
Mobile	TLM	Circular Saw			700	N/A	Yes

SPLITTING

Manual or Automatic	Model	Maximum		Splitting force Tons	Automatic		MIN Cycle Time Sec	KW	Knife Segments	
		Diameter	Length		Centring	Cycle			STD	MAX
Manual	60	700	500	20	No	No	N/A	15	8	8
	SC-11	300	520	11			6	7.5	2,4	2,6
	SP20	520	710	20	OPT	Yes	4	15	2,4,6	2,4,6,8
	SP27	520	710	27			4.5	15	2,4,6	2,4,8,12
	SP32	520	710	32			4.7	18.5	2,4,6	2,4,8,16
	SP40	520	710	40			5	18.5	2,4,6	2,4,8,24
	Genius Wedge	450	550	30	Yes	Yes	6	22	Variable	
	SD-2	250	520	2x 11	N/A		4	22	2,4	
	ST-3	250	520	3x 11			4	30	2,4,4	
	KX-650	650	500	20			6	22	N/A	
KV-700	680	540	16+16	5	30					
TB 600	600	530	30	6	18.5					
TB 900	900	530	40	5.5 OPT	22					
TB 1200	1200	530	50	6.5	30					

*Subject to optional extra.

Tables are summary with not every option listed



pezzolato



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

Extensive knowledge gained over the years offering a wide range of machines. Coupled with a well-organized distribution network have 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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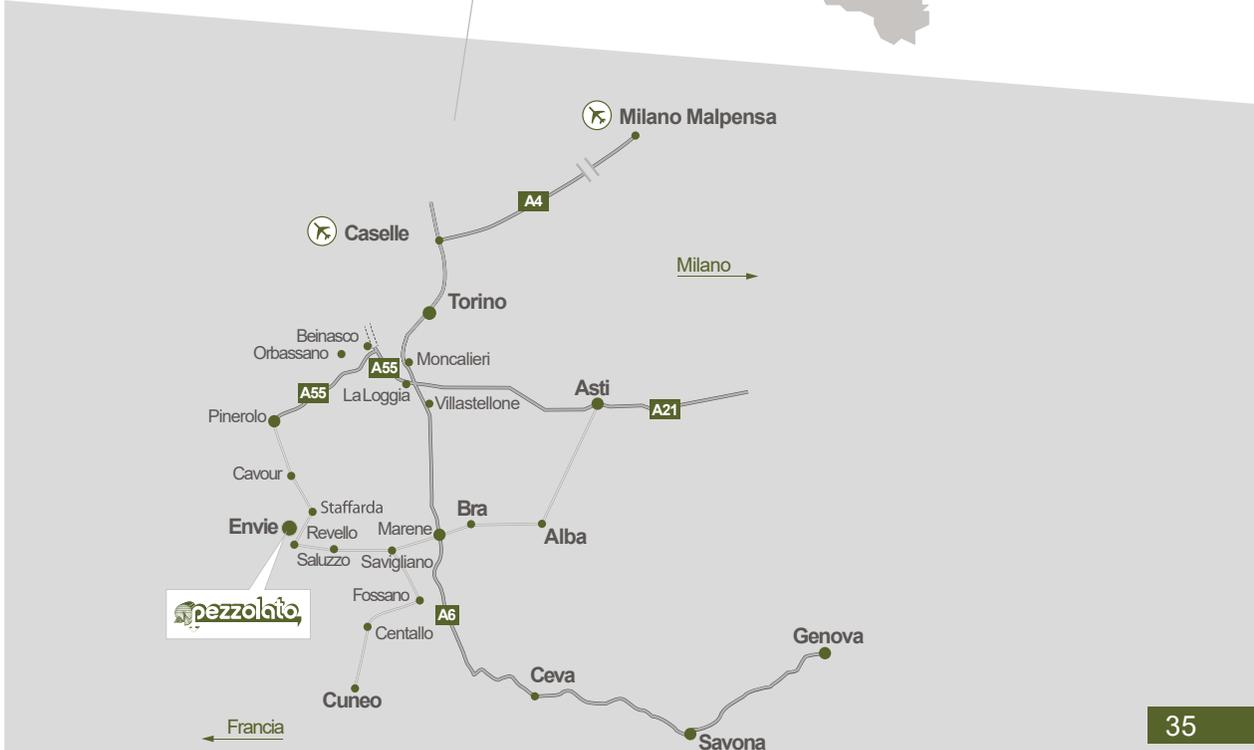


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