

 **pezzolato**

Wood comes first

PEZZOLATO Range

Experience, Quality, Customer Care and Service

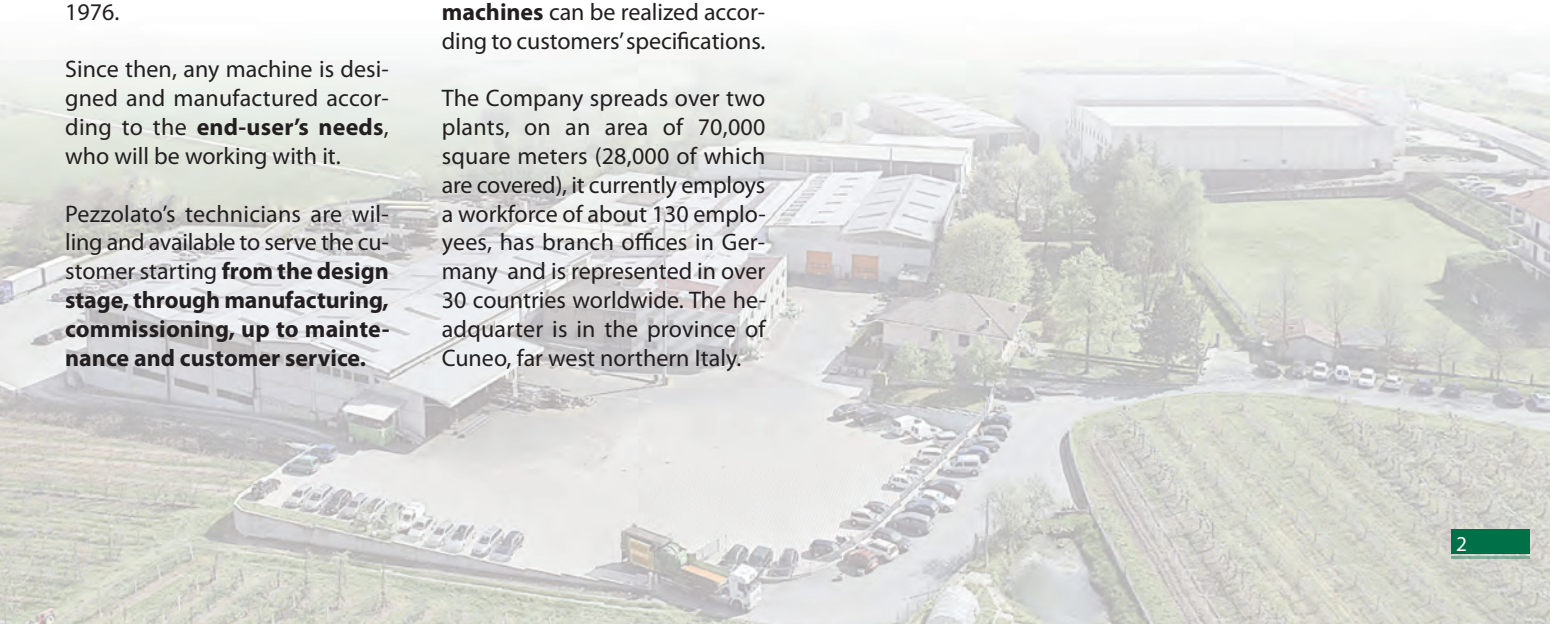
Pezzolato S.p.A. was set up in 1976.

Since then, any machine is designed and manufactured according to the **end-user's needs**, who will be working with it.

Pezzolato's technicians are willing and available to serve the customer starting **from the design stage, through manufacturing, commissioning, up to maintenance and customer service.**

Special and custom-tailored machines can be realized according to customers' specifications.

The Company spreads over two plants, on an area of 70,000 square meters (28,000 of which are covered), it currently employs a workforce of about 130 employees, has branch offices in Germany and is represented in over 30 countries worldwide. The headquarter is in the province of Cuneo, far west northern Italy.





GREENLINE

to
**CHIP
SHRED
COMPOST**

Disc and Drum Chippers, Shredders, Wind Row Turners, Drum Screeners for the compost production.



REDLINE

to
**CUT
SPLIT**

Firewood Processors and Machines.



PLANKLINE

to
SAW

Horizontal Band Saws, Saw-mill Integrated Systems, Pallet Production Plants.

DISC CHIPPERS: PZ Series

Able to reduce in very short time the volume of large masses of green or dry material, including logs and branches with diameters that vary from 100 to 250 mm, residues of pruning, scrubs, brambles and anything else resulting from maintenance of the woodland, avenues, parks, gardens...

May produce homogeneous chips with a very good production capacity (from 2 to 25 m³/h).

Driving:

- Tractor Power Take Off (min. 15 Hp)
- Petrol engine (13 - 20 Hp)
- Electric motor (11 - 45 kW)
- Diesel engine (11 - 108 Hp)



DISC CHIPPERS: H Series

Mainly used for the reduction of the volumes of felled trees, including branches and logs with small diameter (200 to 300 mm):

- for the simple reduction of volume;
- for burning in screw feed centralized heating plants;
- for the first phase of pellet production.

Able to produce uniform and constant chipped material, thanks to a special calibrating system, their productivity varies from 8 to 30 m³/h (according to models).

Driving:

- Tractor Power Take Off (min. 60 Hp)
- Diesel engine (50 - 170 Hp)
- Electric motor (30 - 45 kW)



DRUM CHIPPER: PTH 250 - PTH 300 - PTH 400

Medium/small size professional chippers for wood chipping.

Wide mouth, big toothed feeder roller and lower chain allow feeding the machine either manually or mechanically, thanks to an additional crane loader that can be integrated with the chipper.



Able to produce uniform and constant chipped material, their productivity varies from 15 to 25 m³/h.

Driving:

- Tractor Power Take Off (min. 60 Hp)
- Electric motor (45 – 55 kW)
- Diesel engine (70 - 126 Hp)



DRUM CHIPPERS: PTH Series

Ideal machines to turn wood of different shapes and sizes (logs, branches, sawmill wastes, with diameter from 300 to 800 mm) into large volumes of good quality chipped material:

- to burn in biomass plants for the production of electrical and/or heat energy
or in large screw feed plants for centralized heating;
- to convert in pressed boards or pellet.

Throughput of these machines varies from 20 to 150 m³ /h.

Driving:

- Tractor Power Take Off (min. 90 Hp)
- Electric motor (55 - 315 kW)
- Diesel engine (175 - 590 Hp)



SPECIAL DRUM CHIPPERS: PTH Series

Pezzolato's innovation in the chipping field has recalled the interest of heavy users, who are more and more demanding the design and manufacture of custom tailored machines. Several qualified references confirm it.



PTH 900/820 of F.lli Nota Srl (CN), coupled with a self-propelled forage harvester John Deere 7700 with 520 Hp motor. Thanks to the integration realized by Pezzolato, cutter head and chipper with incorporated crane are two interchangeable accessories of the same harvesting machine, so that there is a match for both operations of forage harvesting and wood chipping.



PTH 1400/1200 M of BC 48 GROUPE ENGELVIN (one of the main forestry companies operating in South France), conceived to supply biomass to a cogeneration plant. The chipper is powered by over 1000 HP and 4340 Nm engine; it can chip logs up to 80 cm diameter with a production capacity over 300 m³/h. It is mounted on 4 axles truck through a 180° rotating platform, so that feeding can be both the right and left side.

DRUM CHIPPER DRIVEN BY THE TRUCK MOTOR: PTH Hackertruck

Big size mobile drum chipper, mounted on a three axles truck, with integrated crane.

This means:

- VERY GOOD MOBILITY: such a set-up facilitates transport and access to any working yard.
- VERY GOOD THROUGHPUT: the chipper is **directly driven by the truck motor** (with 540 Hp) and guarantees a production capacity of 130 - 150 m³/h.
- VERY GOOD VISIBILITY AND COMFORTABLE OPERATIONS: both chipper and crane's controls are connected into the comfortable truck cabin.
- VERSATILITY: Hackertruck can be configured with a double chips evacuating system.
- VENTILATOR WITH ROTATING DISCHARGE PIPE, suitable to work in the forest
- CONVEYOR BELT suitable to work on biomass sort yards



HAMMER SHREDDERS: S Series

It goes about machines conceived for landscape gardeners, municipalities and composting plants to shred organic wastes and produce compost.

Production capacity: according to models, from 10 to 60 m³/h.

Driving:

- Tractor Power Take Off (min. 30 Hp)
- Electric motor (18,5 - 110 kW)
- Diesel engine (28 - 230 Hp)



WIND ROW TURNERS: PRS, PRT Series

DRUM SCREENERS: L Series

Turning the crumbled material with a regular and continuous movement, the PRS and PRT wind row turners introduce air and oxygen into the overheated material, thus shortening the decomposition process.

Driving:

- Tractor Power Take Off
- Diesel engine (50 - 160 Hp)



The L compost drum screener separates and refines the final product.

Driving:

- Tractor Power Take Off
- Electric motor (min. 15 kW)
- Diesel engine (min. 50 Hp)

PROFESSIONAL HYDRAULIC WOOD SPLITTER



Machines for firewood preparation:
to split and reduce the diameter of big logs.

Available models:

- **Professional Horizontal** (22 - 33 ton)
- **Horizontal for professionals** (30 - 40 - 50 ton)

Driving:

- Tractor Power Take Off
- Electric motor (11 – 18,5 kW)
- Combustion engine (on demand)



BAND SAWS: A Series

Compact machines for firewood preparation: to saw and split.

Optimizing the production cycle, they guarantee high productivity.

Available models:

- **Automatic cutting and splitting machine A800**
(flywheel 800 mm and splitting force 14 ton)
- **Automatic cutting and splitting machine A900**
(flywheel 900 mm and splitting force 18 ton)

Driving:

- Tractor Power Take Off (min. 35 Hp)
- Combined system (PTO + electric motor 15 kW)



DISC MACHINES: TL Series

Compact machines for firewood preparation: to cut and split.

- TL 1000

with disc saw,
for logs up to 380 mm diameter,
splitting force 20 ton

Driving:

- Tractor Power Take Off (min. 40 Hp)
- Electric motor (18,5 kW)
- Combined system
(PTO + electric motor 15 – 18,5 kW)



FIREWOOD DISC PROCESSOR: TL 1000 PROFESSIONAL

Firewood processor: to cut and split in sequence.

Provided with a 1000 mm diameter disc saw, it cuts logs from 200 to 500 mm long, up to 400 mm diameter, even if of different shapes and sizes.

The separated hydraulic wood splitter (splitting force 20 ton and 2/4/6 folds grid) can be excluded from the working cycle.

Driving:

- Tractor Power Take Off (min. 60 Hp)
- Electric motor (30 kW)
- Combined system (PTO + electric motor 30 kW)



FIREWOOD DISC PROCESSORS: TLC Series

Firewood disc processors: to cut and split.

They cut logs from 400 to 600 mm diameter, through a disc saw (900 to 1500 mm diameter, according to models).

The integrated wood splitter (splitting force 16 to 70 ton and 2/4/6 folds vertical grid, hydraulic adjustable) can be excluded from the working cycle.

Driving:

- Tractor Power Take Off (min 50 Hp)
- Electric motor (18,5 - 70 kW)
- Combined system (PTO + electric motor 18,5 - 70 kW)



FIREWOOD DISC PROCESSORS: TLA Series

Firewood disc processors: to cut and split.

They cut logs from 400 to 460 mm diameter, through a disc saw (1000 to 1200 mm diameter, according to models).

The separated wood splitter (splitting force 20 ton and 2/4/6 folds vertical grid, hydraulic adjustable) can be excluded from the working cycle.

Driving:

- Tractor Power Take Off
- Electric motor (30 - 37 kW)



HORIZONTAL BAND SAWS: MINI PROFI Series

Fully hydraulic controlled machines, they saw logs (1000 to 1200 mm diameter) in high quality planks, with very high production capacity (2-3 m³/h) and easy logs handling.

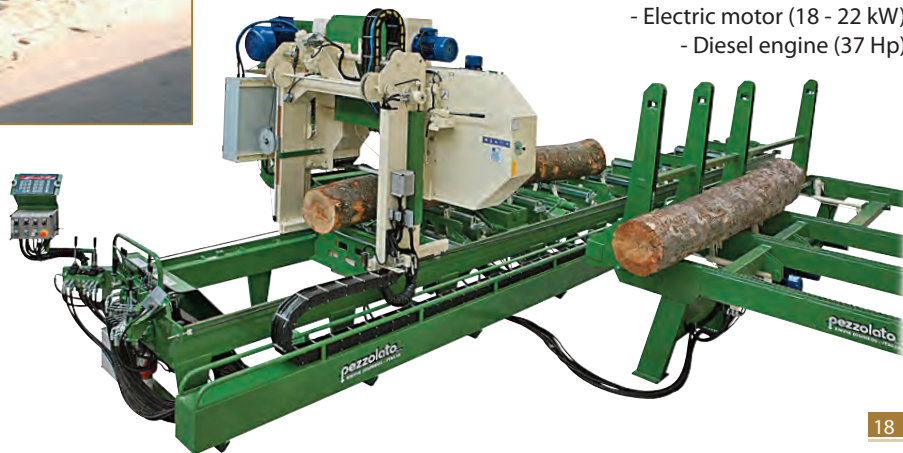


Available models
(mobile or stationary):

- MINI PROFI 800
- MINI PROFI 900
- MINI PROFI 1000
- MINI PROFI 1000 BICOUPE
(stationary only)

Driving:

- Electric motor (18 - 22 kW)
- Diesel engine (37 Hp)



HORIZONTAL BAND SAWS: MAXI PROFI and SUPER PROFI Series

Fully hydraulic controlled machines, they saw logs (1000 to 1500 mm diameter) in high quality planks, with a very high production capacity (4,5 to 6 m³/h) and easy logs handling.

Available models

(mobile or stationary):

- MAXI PROFI 1000
- MAXI PROFI 1100
- SUPER PROFI 1200
- SUPER PROFI 1300
- SUPER PROFI 1500

Driving:

- Electric motor (21,5 - 75 kW)
- Combustion engine (min. 58 Hp)





COMPANY WITH QUALITY MANAGEMENT
SYSTEM CERTIFIED BY DNV
= **ISO 9001:2008** =

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