



EASYSYSTEM PROFESSIONAL LINE

SOLUTIONS FOR THERMO-VALUING VINEYARD TRIMMINGS AND PRUNINGS

At CAEB INTERNATIONAL we have always paid special attention to the management of wooden biomass.

With **EASYSYSTEM PROFESSIONAL LINE** we now offer flexible and innovative solutions for **valuing the energy content of vineyard trimmings and prunings**. The starting point of our systems is **baling the prunings into cylindrical bales** by means of the **round-baler QUICKPOWER manufactured by CAEB INTERNATIONAL**. The bales have a "soft core", namely they are less pressed in the centre. This feature is extremely important, for it allows the trimmings **to dry naturally** in some months, **without getting moldy or fermenting**. Once they have dried, also in the open air, the bales can be processed for heating requirements within one of the EASYSYSTEM solutions:



Chip production
with **ECS Line**



Pellet production
with **EPS Line**





FEATURES OF THE VINEYARD TRIMMING BALES PRODUCED BY QUICKPOWER

Dimensions	60 cm H x 40 cm Ø
Wet bale weight	30 kg ca.
Dry bale weight	18-20 kg ca.
Wrapping material	SISAL twin or PP net

EASYSYSTEM PROFESSIONAL LINE

Apart from being burnt directly in wood boilers or being cut into two or three slices with BALECUTTER or with a chainsaw to be burnt in thermo-fireplaces, the dry vineyard trimming bales produced by QUICKPOWER can be processed into **chips**, **pellets** or **briquettes**:

ECS Line

Professional plant for processing **dry vineyard trimming bales into chips**

ECS Line is a plant conceived to **process the dry vineyard trimming bales collected with the round-baler QUICKPOWER into chips**. ECS Line is driven by PLC and consists of the following machines and parts: electrically powered shredder EASYCHIPPER combined with a mill, a cyclonic dust separator and a dust collector, an iron separator, a sieve to better select the material to be chipped and of a screw conveyor to move the chips into the big bags. ECS Line is a pretty small plant that can be moved easily to work in different locations. It can also be laid out in different ways according to the working area available. An ultrasonic sensor signals when the material inside EASYCHIPPER is finishing, thus making it possible to automate the bale loading by means of a belt conveyor. The size of the chips produced by ECS Line depends on the greed chosen.

TECHNICAL DATA ECS Line

Smallest plant layout	approx. 20 m ²
Maximum height	290 cm
Tension	400 V - 50 Hz
Installed power	25 kW
Average absorbed power	14 kW
Productivity	depending on the chip size chosen

SUMMARY TABLE ECS Line

Belt conveyor (one standard model) for loading the bales into the shredder EASYCHIPPER	■
Shredder EASYCHIPPER	■
Mill	■
Cyclonic dust separator and dust collector	■
Iron separator	■
Sieve	■
Screw conveyor for moving the chips in the big bags	■

■ Standard



EPS Line

Professional plant for processing dry vineyard trimming bales into pellets

EPS Line is a modular system conceived to process the dry vine pruning bales collected with the round-baler QUICKPOWER into pellets. EPS Line is made up of the same machines and parts as the chipping plant ECS Line, combined with the pellet machine EASYPELLET and an additional dust collector.

An ultrasonic sensor signals when the pellet machine EASYPELLET is full with chips, while another sensor stops the pelletizing process when the pellet big bag is full. EPS Line is extremely versatile because:

- It allows to process the bales into pellets directly at the farm;
- Thanks to its compact size it can be easily moved to different work sites.

The pellets produced by EPS Line are 6 mm in diameter.

TECHNICAL DATA EPS Line

Smallest plant layout	approx. 40 m ²
Maximum height	290 cm
Tension	400 V - 50 Hz
Installed power	43 kW
Average absorbed power	27 kW
Productivity	100 kg/h (+/-20%)*

* Not binding data referred to the tests performed.

For further information please contact CAEB INTERNATIONAL srl.

TABELLA RIASSUNTIVA EPS Line

Belt conveyor (one standard model) for loading the bales into the shredder EASYCHIPPER	■
Shredder EASYCHIPPER	■
Mill	■
Cyclonic dust separator and dust collector	■
Iron separator	■
Sieve	■
Screw conveyor for moving the chips into the pellet machine	■
Pellet machine EASYPELLET	■
Dust collector	■
Screw conveyor for moving the pellets in the big bags	■

■ Standard

