

ECO COMPACT

Tecno
RECYCLING TECHNOLOGY



99,8%*
puro

MATERIALS TO PROCESS

COPPER AND
ALUMINIUM CABLES

A/C RADIATORS

WEEE

OTHER COMPOSITE
MATERIALS

FULLY AUTOMATIC

All the systems in the ECO COMPACT series are totally managed by a control panel, which allows for a simple and intuitive management of each process parameter.

POWERFUL

One of the strengths of the ECO COMPACT range of machines is represented by the granulator mill, capable of reducing the size of the material into granules. Then, an air conveying system brings them to the high-frequency vibrating table, in order to carry out a highly effective form of separation by density.

EFFICIENT

Thanks to the combined action of the vibrating tables and a continuous flow of air, the level of separation always reaches the maximum outcome.

ROBUST

In order to guarantee robustness and longevity, each Eco Compact is built with premium quality materials, such as branded electronic components and hardened and Hardox® steels.

HIGH PERFORMANCE

The main scope of the system is the recovery of copper, with percentages achieved of up to 99,8% thanks to a careful design stage.

USER FRIENDLY

A simple and intuitive, state-of-the-art touchscreen allows for the control of all the parameters of the machine, in order to rapidly get the best performances.

SAFE

Safety systems and alarms are installed in each version, with the aim to guarantee safe working conditions. At least two emergency push-buttons are always included in the layout of the system.

LOW OPERATING COSTS

Even with a single operator it is possible to manage the functioning of any ECO COMPACT system.

*Riferimento a cavi di rame di ottima qualità e radiatori A/C

GIVE VALUE TO WASTE!



COMPACT
160

The smallest in the range of ECO COMPACT systems, this version has a capacity that reaches up to 160 kg/h when processing pre-shredded cables, loaded through a conveyor belt. When manually loaded in bulks, it reaches no less than 100kg/h. As well as cables, the COMPACT 160 can process copper and aluminum coming from the processing of A/C radiators.

COMPACT
320

COMPACT
520

The Compact 320 and 520 machines are versatile and silent. They can be employed to refine and separate materials coming from size reduction of any scrap material, whether it be Al/Cu radiators, e-Waste (including PCBs), batteries, multilayer panels and any other scrap material that can be refined, separated and then recovered. They have respectively a capacity of 300 and 500 kg/h.



COMPACT
1000

The powerful shredder mill of the Compact 1000 allows for a fast and efficient size reduction into granules, thanks to the turbo mill we then get the ideal shape for the following separation stage, straight on to the densimetric table combined with the airflow system. The machine is capable of processing up to 1000 kg/h of material in order to obtain copper and aluminum with a degree of purity close to 100%.

COMPACT
2000



This represents the top of the line with its extremely high throughput. The massive granulator mill, the zig-zag aeraulic separator, the powerful turbo-mill and the double densimetric table make it an incredible machine. Its high capacity, together with the ever increasing prices of copper and aluminum, allow for an extremely quick payback period.



tecnorecycling.net



Founder of Tecno Costruzioni is Mr. Franco Barone who, for over twenty years has collaborated with the biggest players of the automotive sector like FCA- Fiat Chrysler Automobile. Since more than 40 years in RECYCLING TECHNOLOGY Industry.

01 Materials separation

A wide range of machines for separating any material (ferrous and non ferrous), plastic, rubber, clothes, construction, demolition and any kind of waste.

03 End of Life vehicles recycling solutions

Our experience in this sector can support any project able to make more efficient and advanced the work process.

02 Volume reduction

Shredders, crushers, granulators, compactors, compost and refining machines thought as open modules to extend.

04

Our team of qualified engineering can support your company designing and manufacturing an original machines for your needs



COMPACT SYSTEMS FOR METAL RECYCLING



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