



COMPACT 1200

recyclable materials

RADIATORS

ELECTRIC SCRAP

DOMESTIC APPLIANCES

ELECTRIC ENGINES

COMPUTERS

MOBILE AND FIXED PHONES

HARD DISK

BOSSOLES OF AMMUNITION

COPPER / BRASS / BRONZE

99,8%
purity

Compact 1200 is a Complete Technological Plant with a very small footprint able to realize the granulation of Copper Cables and allow a perfect separation of clean copper granules from clean plastic granules.

Compact 1200 Techno – The best Recycling Technology at your Disposal !

- Fully Automatic Complete Plant : This Plant in totally managed by an Electronic Control Panel that in an easy way allows to control and regulate all the parameters of the Installation.
- Powerful System : The strength of this Plant is the powerful Granulator Mill, that reduce the dimension of the shredded material to homogenous granules, then an automatic pneumatic conveyor structure takes all the Granules to the High Frequency Vibrating Table.
- Efficiency : This Separation System works efficiently with a Combined Action - the shaking action of the High Frequency Separation Table is supported by a continuous and harmonious Air Flow – that gives the big advantage of an easier separation and consequently an increased Quantity and Quality of recycled material at the end of the process.
- Sturdy : the Materials used to build this Installation are the best - Hardened Steel - Iron - Hardox Termical treatment – Powerful and high efficiency Motors – all experienced and innovative technology are considered to assure a long lasting and duration of the Plant
- Performance : the engineering of this System is studied to give the best performance with less energy and allow to achieve a Purity of 99.8% of absolute clean Copper therefore the Compact1200 Techno is able to assure the best selling Price ever.
- Low Running costs : with just 1 or 2 man workers you can run and control properly the complete Installation.
- Safety : Security and Safety rules – in the Systems are considered several Safety Alarms in order to assure high security working conditions and included 2 Security Complete Stop buttons
- Innovation: an High Tech simple and intuitive Touch Screen allows to control all the parameters of the Installation to obtain quickly and in the easiest way the best performances !

This innovative Compact System allows the granulation, the treatment, and the recovery of clean granules in order to add Value to every kind of waste with different specific weight.

Technology for a cleaner world

SHREDDER SHARK800

The Shredder Shark 800 can shred a wide variety of materials by reducing their volume and preparing them for the rest of the working cycle.

Its knives, reinforced with a thermic and chemical carbonitriding treatment, are mounted on the central shaft, made of a special full steel.

The shredder shaft is also equipped with a security and protection system that allows an automatic inversion in case there is material in excess in the shredding chamber.

The Material is pushed into the shredding chamber by a powerful hydraulic piston, controlled by an electronic device, which allows a correct and constant material flow.

The reinforced structure of the Shark 800 is able to absorb every kind of shock and it is made to last long, since it is designed to easily withstand even heavy-duty works.

The dimension of the Output can vary depending on the Grid used.

All the grids are made of reinforced steel.



CONVEYOR BELT

The Loader Conveyor belt LCB 40.4 made of special rubber, is ideal to transport the Shredded materials directly to the Compact 1200.

This particular conveyor belt is able to collect and regulate the materials flow and feed regularly and continuously the granulator mill. It is also equipped with a start-and-stop electronic device that allows a perfect run and feeding of the mill, while enabling a balanced dosage and a correct determination of the upload and unload of any type of material into the system.

On this Conveyor Belt it will be also integrated a Magnetic Over Belt for the separation of iron and steel parts from the rest of Shredded particles.

CABIN FILTER

This Automatic Self-Cleaning Filters, with Air Suction Aspirator Fan, allows to decontaminate automatically the working air flow. All the dusts and powders produced during the working process follows into a collection Bag trough the action of an Automatic Temporized Vibrator.

Helps to have a clean working site condition according the safety and environmental rules.



Models	Input*	Space Requirements	Power
Compact 800	800 lbs x H	20' x 20' or 400 sq ft	55-95 kW
Compact 1200	1200 lbs x H	20' x 30' or 600 sq ft	75-120 kW
Compact 1600	1600 lbs x H	30' x 40' or 1200 sq ft	90-140 kW
Compact 2400	2400 lbs x H	40' x 40' or 1600 sq ft	180-240 kW
Plant 2800	2800 lbs x H	50' x 40' or 2000 sq ft	220-280 kW

*Average input of clean copper cables



COME AND DISCOVER
THE NEW WEBSITE

www.tecnorecycling.net

Founder of Tecno Costruzioni is Mr. Franco Barone 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.

02 Volume reduction

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

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.

04 Customized plants

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



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THE BEST TECHNOLOGY FOR SCRAP METAL RECYCLING

