




ITALIMPIANTI ORAFI
S.p.A. - ITALY

Electronic Waste :: PCB :: CPU :: Button Batteries :: X-Ray films
Catalyst's :: Fines from high value shredding operations :: Jewellery

REFINING HAS AN ADDRESS



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ITALIMPIANTI REFINING EQUIPMENT

Electronic appliances (e-waste) are composed of hundreds of different materials that can be toxic but also of high economic value. While bulk materials such as iron, aluminium, plastic and glass account for over 80% of the weight, valuable materials are found in smaller quantities but are still of high importance. Gold, silver, copper, platinum etc. are just some of the valuable substances which turn recycling into a lucrative business opportunity.

Italimpianti are experts in the separation of precious metals from e-waste, with decades of experience supplying technology and innovative systems to the refining sector.

Processing

There are a number of process steps required to separate precious metal from e-waste. The process typically utilises Chemical stripping, Refining, Incineration, Milling, Smelting and Leaching.



Product Advantages

- **Best available chemical techniques enable high performance and better returns.**
The separation of copper, silver, gold, PGM from e-waste up to 99.99% purity.
- **A closed loop process which includes recovery and refining of precious metals like gold, silver, platinum, palladium and more.**
- **Studying the products metallurgy enables the customization of the the recovery process to suit every client's needs.**
- **Able to commit to a closed loop environmental process which can comply with WEEE, EPA or any other international regulations.**
- **Optimal solution for small scale refining solutions through to the largest operators.**

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