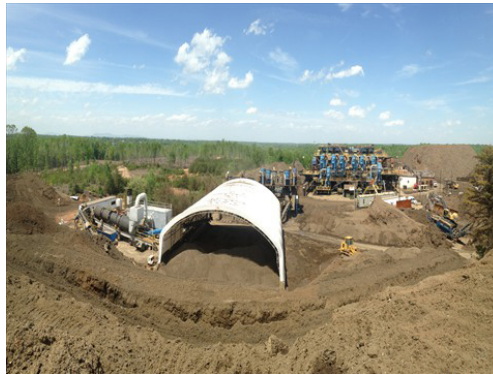


404 767 0876 INFO@TAVHOLDINGSINC.NET

HOME ABOUT US

Who We Are

- TAV is a leading firm in separation technology for different industries, as well as a processing and trading company of Non-Fe metals.
- We invests millions of dollars in research and development every year to continue developing innovative separation technologies, such investments have allow us to grow a significant patent portfolio.
- With headquarters and a processing facility in Atlanta, we use the latest developments to process Non-Fe metals from the region. Such processing activity allows TAV to make improvements to the technology that has been developed before putting it in the market.
- TAV has a state of the art metals laboratory with capacity to perform fire assays, atomic absorption, inductively coupled plasma and XRFs.
- Compared with other equipment manufacturers, we understand our customer needs and areas of improvement due to our processing expertise.
- We have managed and commissioned +40 installations throughout the U.S..



APPLICATIONS



Car Shredder Residue



Aluminum Shredder Residue



Waste Electrical and Electronic Equipment (WEEE)



Incinerator Ash



Steel Making Industry (steel mills and ores processing)



Municipal Recycling Facilities (MRFs)

TAV's Unique Value Proposition (UVP)

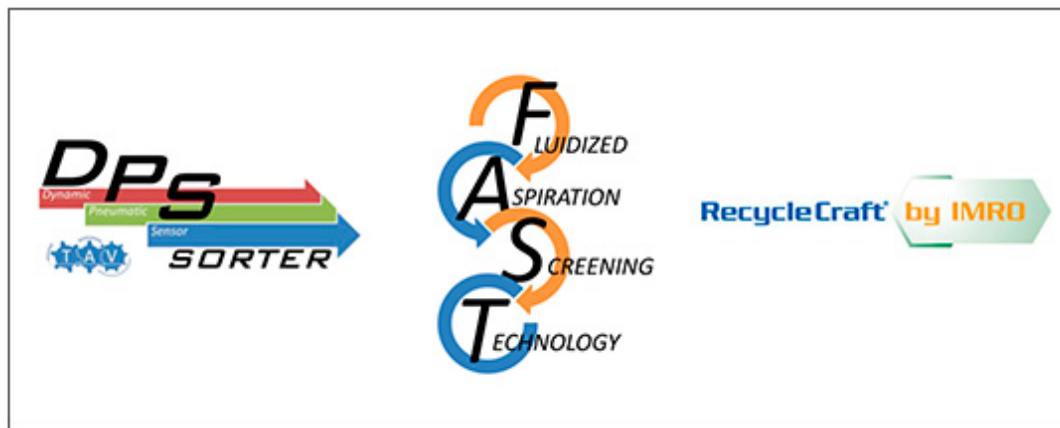
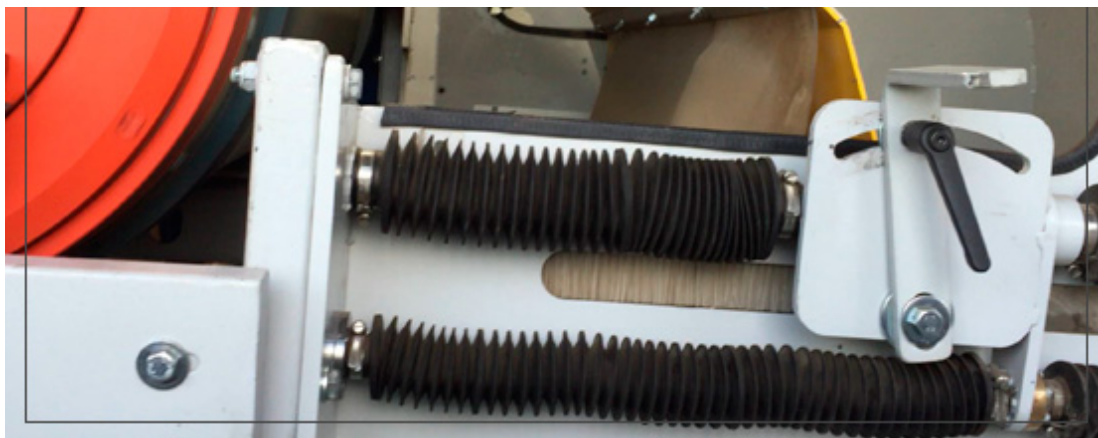
OUR TECHNOLOGY AND EXPERIENCE

Technology

- Our Unique Value Proposition, is the ability to be a state-of-the-art processor to develop new technologies. We excel in understanding our customers needs due to our processing expertise.
- The best solutions for an application does generally result from a combination of different technologies.



- One of our core developments, on which we have built our position of technology market leader, is related to the recovery of fine metals through dry and wet processes.



Dispose of the following design technologies:

- Dynamic Sensor Based Technology (patented)
- IMRO's Magnetic Separators

Key Technology Separators

- Deep Box Aspirator (patented)
- Fluidized Screening Technology (patent pending)
- Color Sorting Technology



- Our technology includes the latest ECS development using high magnetic gradient and high magnetic frequency eccentric eddy current separators.
 - Standard Frequency: 24poles 2,800rpm
 - High Frequency: 40poles 3,500rpm
 - Ultra High Frequency: 40poles 4,000rpm

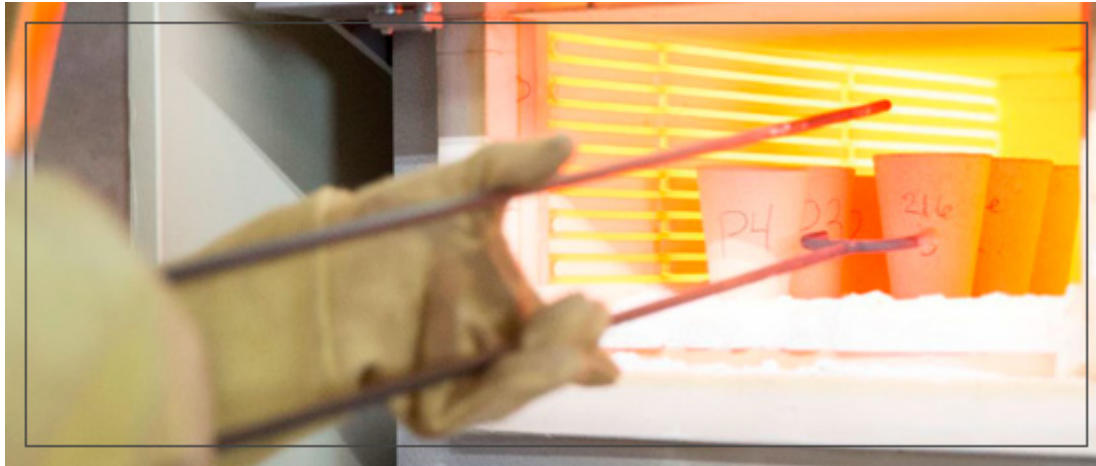
Operating Experience

- Our operating experience comes through our own recycling facilities and partnerships with some of the largest recyclers in the US involving both daily waste production and landfill reclaiming.



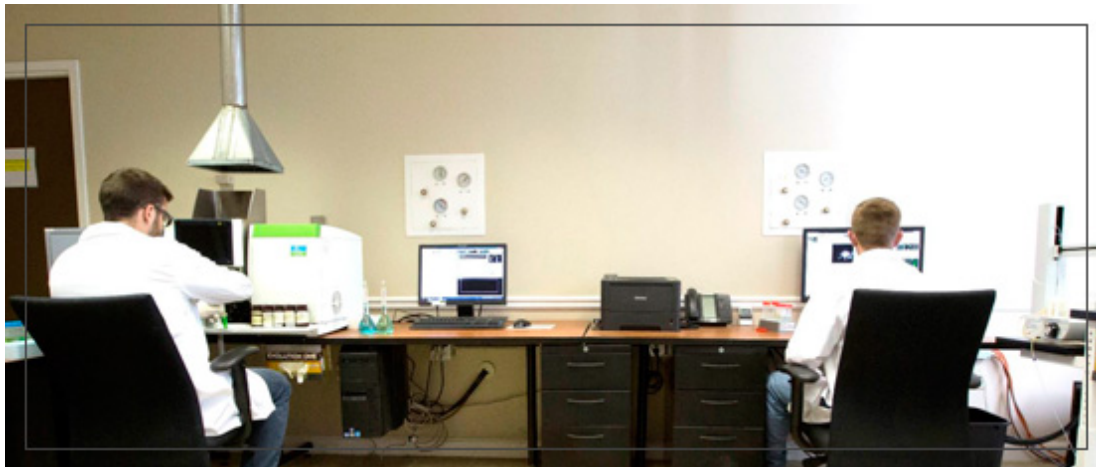
Metal Trading Experience

- Currently TAV processes over 6million pounds of Non-Ferrous metals in the Atlanta facility.
- This processing activity allows us to perform extensive metal trading of the metals recovered from our own recycling facility as well as the Non-Ferrous metals of our customers and partners.
- We dispose of trading records with some of the largest metal traders in Europe and China as well as with metal refineries all over the world including not only the US but also Europe and Asia.



Metal Assay Experience

- As part of the metal trading process, our own lab and engineers perform qualitative and quantitative analysis of metals through XRF's, Atomic Absorption, Fire Assay, Inductively Coupled Plasma (ICP), and Electro Plating for making cathode.



- Our metal assay capabilities allow us to best valorize the metals recovered and traded.

111 Hollow Tree LN SW
Atlanta, GA 30354
info@tavholdingsinc.net
Telephone: 404 767 0876
FAX: 404 767 8872

ABOUT US

TAV Holdings, Inc. was originally established as a holding company for numerous partnerships & joint ventures of the owner and inventor Mr. Thomas Valerio.

These partnerships and joint ventures primarily engage in the processing of auto shredder residue and other metal rich waste byproducts.

[READ MORE](#)

NAVIGATION

HOME

ABOUT US

APPLICATIONS

Eddy Current

Sensor sorter

Star Screen

Deep Box aspirator

CONTACT

CONTACT US

Name *

E-mail *

Message *

SUBMIT

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