

A large industrial machine, likely a metal processing or manufacturing unit, is shown in a factory setting. The machine is primarily blue with various pipes, valves, and electrical components. A prominent orange safety mesh is visible on the right side. The background shows a high-ceilinged industrial facility with overhead lighting and structural elements.

metallix

Pushing the
boundaries
of technology



INTRODUCING THE APR4: ADVANCED PYROLYTIC REDUCTION FURNACE

Metallix proudly unveils the APR4, a revolutionary advancement in Advanced Pyrolytic Reduction Furnace technology. Building upon the remarkable success of the APR3, our processing engineers and technical team have continued to refine both the technology and methodology of the APR3 and APR4.

The newly commissioned APR4 is a testament to the team and the industry we serve. With its cutting-edge proprietary processing controls and revolutionary pollution control system, the APR4 sets a benchmark for efficiency and precision in precious metal recycling to meet our global growth and processing demands.

At Metallix, innovation is our driving force. The APR4 is designed to process an unprecedented range of precious metal-bearing materials, including gold, silver, platinum, palladium, rhodium and iridium from the most complex and challenging waste streams. The APR4 is truly innovation designed for recycling.

Key Innovations of the APR4

**INTELLIGENT
AUTOMATION**

Designed with advanced automation, the APR4 significantly reduces manual intervention, enhancing safety and operational efficiency. This minimizes exposure to hazardous materials, reinforcing Metallix's commitment to workplace safety and technological excellence.



**PROPRIETARY
PROCESSING CONTROLS**

Equipped with proprietary sensors and data analytics, the APR4 provides continuous monitoring of processing parameters. This ensures optimal performance and consistent quality in every batch processed.



LEADERSHIP PERSPECTIVE

"The APR4 represents a significant leap forward in the recycling of precious metals. By harnessing proprietary technology, we enhance our capacity while always aspiring to reduce our environmental footprint. This is not just a win for our company, but for our entire industry."

Maria Piastre - CEO

Left to right:
Brent Allen, Maria Piastre,
Claudio Ferrini, Patrick Fee

**SUSTAINABILITY
GOALS**

In a world of depleting natural resources and continual environmental challenges, our QEHS team has been instrumental in guiding our sustainability achievements, ensuring mindful energy consumption and reduced carbon emissions while supporting a circular economy.



The APR4 is not simply an upgrade; it is a revolution in precious metals recycling. To explore how this groundbreaking technology can transform your operations, visit metallix.com or connect with our experts to develop a customized recycling solution that aligns with your sustainability objectives.

Experience the future of precious metals refining today.

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