ArcelorMittal, a global leader in sustainable steel solutions, and HP, a renowned printing company with extensive expertise in additive manufacturing, are pleased to announce a strategic collaboration to advance the field of steel additive manufacturing. This collaboration marks a significant milestone in developing innovative solutions that will shape the future of additive manufacturing.

ArcelorMittal acknowledges HP's technical expertise by selecting their cutting-edge Metal Jet S100 technology to develop steel additive manufacturing. This adoption underscores ArcelorMittal's commitment to leveraging advanced technologies to enhance its manufacturing capabilities.

HP credits ArcelorMittal with promising results with their steel powders, demonstrating robustness for the binder jetting technology. These powders have shown immediate good performance without changing printing parameters, highlighting the synergy between the two companies.

By combining HP's expertise in printing and existing production in additive manufacturing with ArcelorMittal's leadership in sustainable steel solutions, the collaboration aims to promote steel additive manufacturing.

The collaboration will focus on the following key pillars:

1. **Lower Cost per Part**: Adopting a holistic approach to unlock a range of accessible parts for 3D printing, particularly in the automotive sector.
2. **Extend Material Options**: Developing steels with unmatched properties that are impossible with conventional manufacturing.

The proposed working model involves HP and ArcelorMittal collaborating to bring new steel solutions to a sufficient Technology Readiness Level (TRL) and then leveraging ArcelorMittal Research Center for breakthrough applications as an incubator for new applications developed in collaboration with customers, saving them the initial investment to evaluate and qualify the technology until the process can be transferred to a contract manufacturer for final industrialization and production.

This collaboration represents a significant step forward in advancing steel additive manufacturing. It combines the strengths of two industry leaders to drive innovation and deliver high-quality, sustainable solutions.

Commenting, Aubin Defer, Chief Marketing Officer, ArcelorMittal Powders, said: "We are thrilled to collaborate with HP in advancing steel additive manufacturing. This collaboration leverages our combined expertise to develop innovative solutions to drive the industry forward. The promising results of our steel powders with HP's binder jetting technology are a testament to the potential of this partnership."

Alexandre Tartas, Global Leader of Metals Sales & Go To Market at HP, added: "We are excited to join forces with ArcelorMittal to push the boundaries of steel additive manufacturing. This collaboration will enable us to leverage our technical expertise and ArcelorMittal's leadership in sustainable steel solutions to create groundbreaking advancements in the industry. Combining the steel expertise of ArcelorMittal and HP Additive Manufacturing positioning in high volume production offers a unique value proposition for the manufacturing industry."

To learn more about this collaboration, please visit HP (Hall 12.1, Stand D41) and ArcelorMittal (Hall 11.0, Stand C21) booths at Formnext.

For more information, please contact:

Aubin Defer, Chief Marketing Officer, ArcelorMittal Powders
Email: [aubin.defer@arcelormittal.com]

Mar Lezcano, Chief of Staff & Communications Manager
Email: [mar.lezcano@hp.com]