



**Press review
Pollen AM**

Support : Primante 3D
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"On the occasion of the Viva Technology conference currently being held in Paris, the French group Seb announced a partnership with Pollen AM, aiming to print more than 20,000 spare parts as of 2017."

French Pollen AM launches pre-orders for its multi-material 3D printer

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<http://www.primante3d.com/imprimante-3d-pam-01072016/>



French manufacturer Pollen AM announces the launch of pre-orders for its “Pam” multi-material 3D printer (for Pellets Additive Manufacturing). The result of 5 years of research and development, this new generation of Made in France 3D printers is based on a particularly innovative patented process. With a delta structure (polar and non-Cartesian coordinate system), this FDM type 3D printer is distinguished by its ability to print objects by simultaneously mixing several materials, thanks to a system of channels and induction heating, allowing the fusion and the homogeneity of the mixture.

The 3D printer is powered by 4 large cartridges, which the user can fill with about fifteen different materials, in the form of granules or microbeads of resins and conventional industrial composites: polyurethane, PLA, elastomer, or resins loaded with metals, vegetable fibers or carbon. Thanks to this process, the user can get out of conventional uses such as prototyping, by printing all kinds of finished objects with different properties (flexible, transparent, opaque, rigid, colors, food contact, etc.). According to the Parisian start-up, the use of materials in the form of granules would also allow to divide the production costs up to 10.



Dressed in an elegant wooden frame, Pam offers a manufacturing volume of Ø 30 cm x H 30 cm for an accuracy of 40µ and a maximum speed of 400 mm / s. The printer also has several features including automatic calibration and a cloud-based control system. The machine operates under its own software called Honeyprint, allowing in particular to control its printing remotely or operate up to 100 machines at the same time from a single account.

Aimed at professional users (designers, creators, entrepreneurs or even artisans) Pam is available for pre-order at the price of € 8,000 excl. Tax, i.e. € 12,120 incl. Tax instead of the € 16,000 excl. Tax planned for the launch of the machine in 2017 The price includes 2 half-days of training.

At the Viva Technology conference currently taking place in Paris, the French group Seb announced a partnership with Pollen AM, aiming to print more than 20,000 spare parts by 2017.

