pollen
your chemistry inside

MACHINES PRODUCTION 50 ANS
L'ACTUALITÉ DE L'INDUSTRIE MÉCANIQUE

Press review
Pollen AM

Media: machinesproduction.fr
Publication date: April 26, 2022

From a single system, thermoplastics can be processed from soft materials to the injection grade used for metal and technical ceramic parts offering unique flexibility.

Global Industrie Awards, nominees in the "Production Technology" category

PUBLISHED ON APRIL 26, 2022 BY PATRICK CAZIER

ORIGINAL VERSION: HTTPS://WWW.MACHINESPRODUCTION.FR/ARTICLE/GLOBAL-INDUSTRIE-AWARDS-CATEGORIE-TECHNOLOGIE-DE-PRODUCTION

Global Industrie Awards, category "Production Technology".

Machines Production offers you to discover the Global Industrie Awards nominees by category every week until the beginning of the show.

"Production Technology" category

This category rewards major technological innovations dedicated to the production chain: from materials (metals, plastics, composites, components ...), to the various manufacturing techniques: additive manufacturing/3D printing; printed electronics; material removal machining; forging & casting; sheet metal work, but also production automation techniques; robotics; measurement, control, line vision; finishing solutions (surface treatments); all fluids and solids inherent to production (inks, alloys, fluxes, cutting oil, part cleaning products...).

Pollen : New Pam Serie MC

The most flexible additive manufacturing system thanks to its openness to the materials in pellet format.

Pollen AM presents its brand new additive manufacturing system designed and manufactured in France: the New Pam Series MC.

Equipped with an extrusion system dedicated to additive manufacturing, this 3D printer allows direct use of injection grade materials in granulated format for melt deposition applications.

From a single system, thermoplastic materials can be transformed from soft materials to injection grade used for metal and technical ceramic parts offering a unique flexibility.

Compared to the previous system, the New Pam Series MC allows double the printing speed under high temperature conditions. This breakthrough is the result of the development of new power electronics and a strengthened, lighter architecture to ensure high-speed printing quality.

In addition, a new open programming protocol allows to automate common operations bringing comfort and flexibility to the operators.

With these major improvements, Pollen AM brings to the market a system that unlocks the constraints put forward by the industrial sector towards additive manufacturing.
The New Pam Series MC is the flexible additive manufacturing system with its opening to granular material. It allows applications in thermoplastic materials but also in metal and ceramic thanks to the injection grades used by the metal and ceramic injection processes.