

## Pellet 3D Printed Fender By IEMAI

Summary of Case Main Information:

Vehicle Model: Scania

Printer Model: FAST-JET-1500

Printing Material: Modified PETG

Printing Duration: 30 Hrs

Material Cost: USD 50

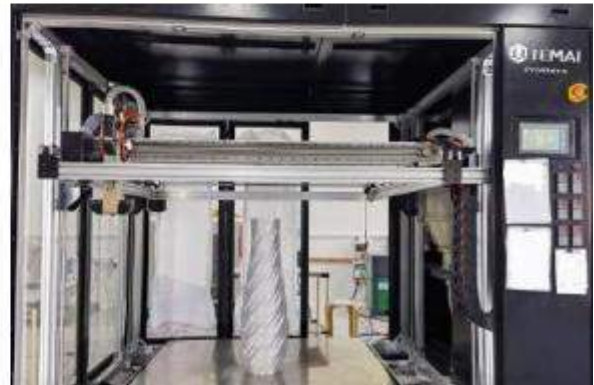
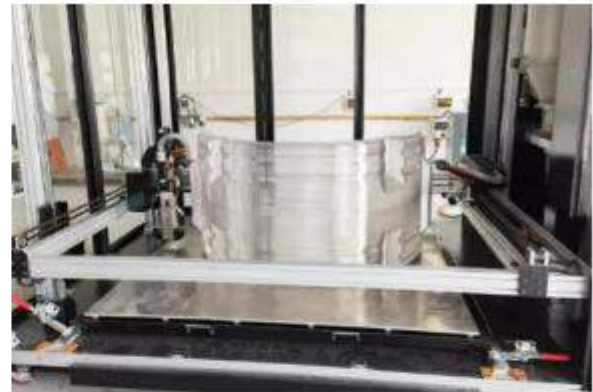
Model Size: 1315 \* 540 \* 670 mm



Installation Effect Drawing

Why use IEMAI Pellet 3D Printing Technology ?

Compared to Filament 3D Printing, IEMAI Pellet 3D Printing Technology has lower cost, higher efficiency and etcetera. The printing of the fender uses PETG modified pellets. A single fender takes 30 hours, weights 10 kg, and has about USD 50 material cost. The IEMAI Pellet Printer FAST-JET-1500 has 1.5mx1.5mx1.5m ultra large build volume, 400°C extrusion head temperature, 3 zones temperature control at screw, fully enclosed chamber, and independently developed automatic feeding technology have created excellent hardware conditions for pellet printing and molding of various materials. At the same time, the IEMAI material technology team has provided stable printing process parameters for different granular materials, laying the material standard process foundation for achieving direct granular printing molding.



↓↓Brand Introduction of IEMAI 3D↓↓

Imai Intelligent Technology Co. Ltd. is a high-tech enterprise in China focusing on 3D printing R&D and production. Its brand IEMAI 3D is a global industrial grade 3D printer brand, committed to provide users with the "All in one" 3D printing solution of multi material compatible issue. IEMAI 3D supports most of the thermoplastic materials in the 3D printing markets and assist the user to resolve the issue encounter during manufacturing, and all 3D printers and materials have contained CE and ROHS certification. We attach great importance to brand building and have obtained trademarks certificates from China, United States and the European Union. We pursue core technology research and development, and have obtained software copyrights, invention patents, utility model patents, appearance design patents, and the title of national high-tech enterprise. At present, our 3D printing solutions have been applied to aerospace, automotive, petrochemical, medical, dental and electronics manufacturing.