

Extruder Design for 3D Printing of Ceramic Materials

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This paper deals with the design and development of an extruder for printing ceramic materials including its control. The paper describes the experimental development of the extruder, divided into a mechanically extruded stack and the method of feeding the material into a print head equipped with a screw conveyor. The paper includes a computer model of the designed extruder. The aim of the paper is to demonstrate the proposed extruder and verify its functionality.

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