

Industrial 3D printer for large forms

Industrial additive system AT1000 (3D printer) is designed to produce large-sized three-dimensional (3D) products from powder materials.

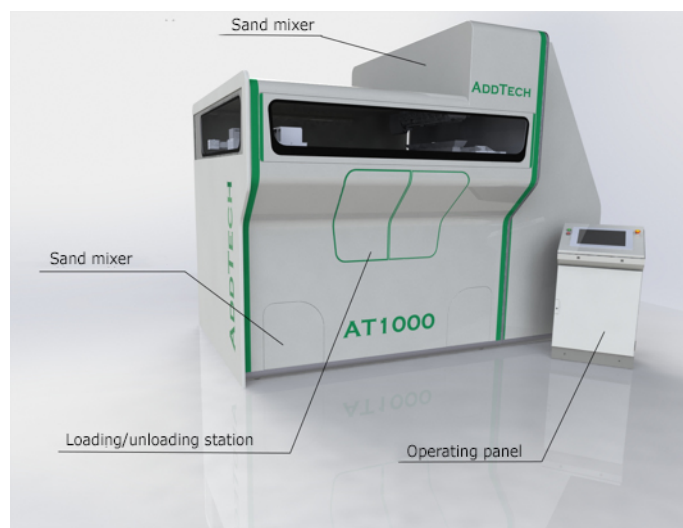
The system allows to obtain products of high-complexity and any configuration for various applications with a high speed: casting sand molds, ceramic molds for metal agglomeration, 3D plastic products for marketing and advertising.

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Core advantages:

- Application of various materials and technologies
- Possibility of obtaining products of any complexity
- High solidity of products
- Ability to quickly carry out scientific researches
- Economical efficiency
- Full automation of the process
- Ability to change modes in wide ranges
- Use of traditional casting materials
- Does not require any change in the foundry

Materials used:

- quartz casting sand
- silicate casting sand



TECHNICAL SPECIFICATIONS

Build volume (l x w x h)	1000 x 1000 x 500mm
Build speed	36000 - 90000cm ³ /h
Layer thickness	0,2-0,5mm
Print resolution	100 μm
External dimensions (l x w x h)	5000x2000x3000mm
Weight	3500kg
Electrical requirements	380V, 50Hz, power max 5kVA

Proprietary information

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