

we build by breaking stereotypes

**NEW GENERATION**  
**MOBILE**  
**3D CONSTRUCTION**  
**PRINTER**  
**TRANSFORMER**



**3D**  
**plodder**

<http://3dplodder.com>



**3D PLODDER**  
intended for manufacturing  
residential and industrial buildings suitable  
for living and industrial exploitation  
for the manufacture of individual building blocks,  
structural elements of buildings of various  
destination, fixed formwork, small  
architectural forms for landscape design,  
fences, decorative elements, etc.

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**3D**

## **PRINTING METHOD.**

**Additive, layered and consistent application  
extruded construction mix  
(the thickness and width of the layer depends on the size used  
nozzles, and physico-chemical properties of the compositions  
used mixture).**



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**3D**



**Stuff 2 people.**  
**Installation time 45 minutes.**  
**Moving time to a new print start point is 5 minutes.**  
**Open source software.**  
**Maximum positioning accuracy.**  
**Highlighting the working area of the printer.**  
**Localization of the working area from environmental influences.**  
**Ability to work from autonomous energy sources.**  
**Service and technical support.**  
**Availability of spare parts in local markets.**  
**The ability to print by  
all known and available  
types of construction printing mixes. -**  
**Reduced construction time.**  
**The possibility of implementing the most daring architectural  
ideas and projects.**  
**12 months warranty.**



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**The choice of material, the formulation of ingredients, quality indicators, the quantitative proportions of the various components of the mixture for construction 3D printing are determined by the user of the equipment themselves, based on a rational approach to the choice of optimal technical solutions for obtaining the required physical, strength and other indicators of the final product.**

**It is allowed to use construction printed mixes based on:  
Portland and slag Portland cement, (grades from M200 to M500),  
Geo-concrete, Geopolymer concrete,  
Sand, (river purified, quartz),  
Gypsum, Clay, (refractory, kaolin, ceramic),  
Lime, Peat, Fly ash, water ash,  
Microsphere, Blast-furnace and coal slags,  
Tephra (volcanic ash), Pozzolana**

**With possible additions of fillers:  
Lignin, Cellulose, Microfiber  
Crusts (crushed technical hemp),  
Miscanthus, Wood sawdust,  
Plasticizers and stabilizers,  
Curing accelerators, Sea water,  
Ultrasonic activation of mixing water,**

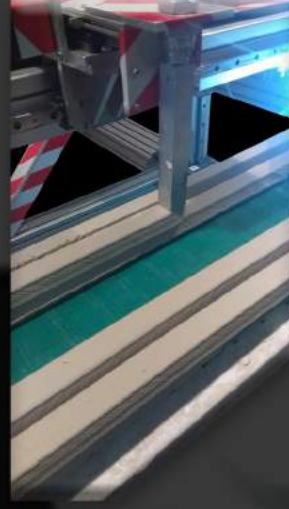


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TESTING PRINTING CONCRETE MIX AND GLAY



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# 3DPLODDER MODEL M



# 3DPLODDER MODEL S

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## TYPE 3D PLODDER



1.5x2x0.5



2x3x0.5



2x4x0.5



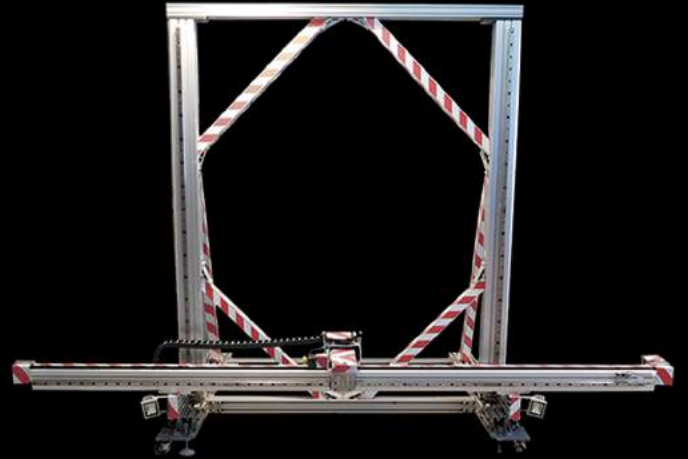
3.5x5x0.5



3.5x6x0.5



you size



## TYPE 3D PLODDER DUET



1.5x2x2



2x3x3



2x4x4



3.5x5x5



3.5x6x6



you size



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