

2020

BRUTUM® CONCEPT

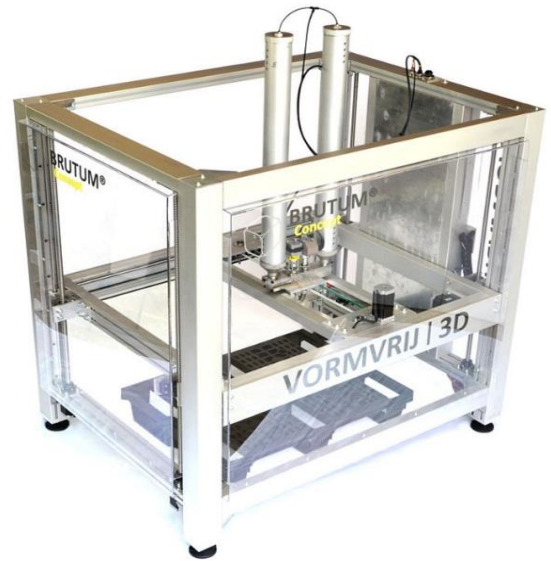
LARGE CLAY PRINTER

An **Industrial 3D Clay printer Concept** is now available. Depending on configuration and options it is equipped with **2, 4 or 6 Stainless Steel Extruders**.

It has an easy access interior for custom adjustments and removal of the print with a (hand)pallet truck. Printing is done directly on a removable Pallet holding the Printbed or Kiln shelf.

The printer is equipped with a **32 bit electronics system** with Wifi access and a **7" touch screen** for manual control.

This machine is perfect for printing large ceramic structures or high volume printing of smaller pieces.



BRUTUM® CONCEPT SPECIFICS

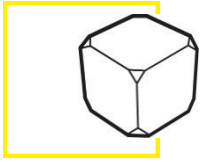
- HIGH VOLUME STAINLESS STEEL EXTRUSION SYSTEM
- ROBUST DUAL 6000cc CARTRIDGE CLAY DELIVERY SYSTEM
- PRE-INSTALLED SECOND AIR VALVE FOR SECOND EXTRUDER
- ROBUST MECHANICS WITH AC OUTLET, EMERGENCY STOP BUTTON, AIR PRESSURE AND SAFETY CUT-OUT VALVES

- RUNS ON A 32BIT, 36v AND 24v SYSTEM AND HAS A CONVENIENT 7" EXTERNAL TOUCH SCREEN FOR MANUAL INTERVENTION
- CAN PRINT A VARIETY OF GROGGED CLAYS UP TO 25% 0.2MM
- HAS A BUILD ENVELOPE SIZE 430x700x820 - XYZ ON REMOVABLE PALLET PRINT BED

TECHNICAL SPECIFICATIONS

		current version	1.3
Technology:	LDM, 32 bit electronics, 24v,36v,48v	Extruders:	2x 18/10 Stainless steel Extruders
Printing volume:	430x700x820mm LBH	Standard:	nozzle diameter 3mm
Nozzle diameter:	variable	Leveling:	auto bed leveling
Layer resolution:	min 3mm - max 10mm	Operating systems:	DUET wifi v2
Max speed:	150mm / s with accelerated velocity printing.	Slicing:	SLic3r (recommended) - Simplify 3d - Cura
Materials:	earthenware, stoneware, refractory, clays etc.	File type:	.gcode
Tolerance:	Print bed deviation 1 mm over max distance	Interface:	Wifi, USB
First layer:	0.3mm / 100mm	Physical dimensions:	110x140x120 cm
Subsequent layers:	0.2mm / 400mm	Printer weight:	150kg
Extrusion output:	depending on clay, needs manual intervention	Air compressor:	Not included

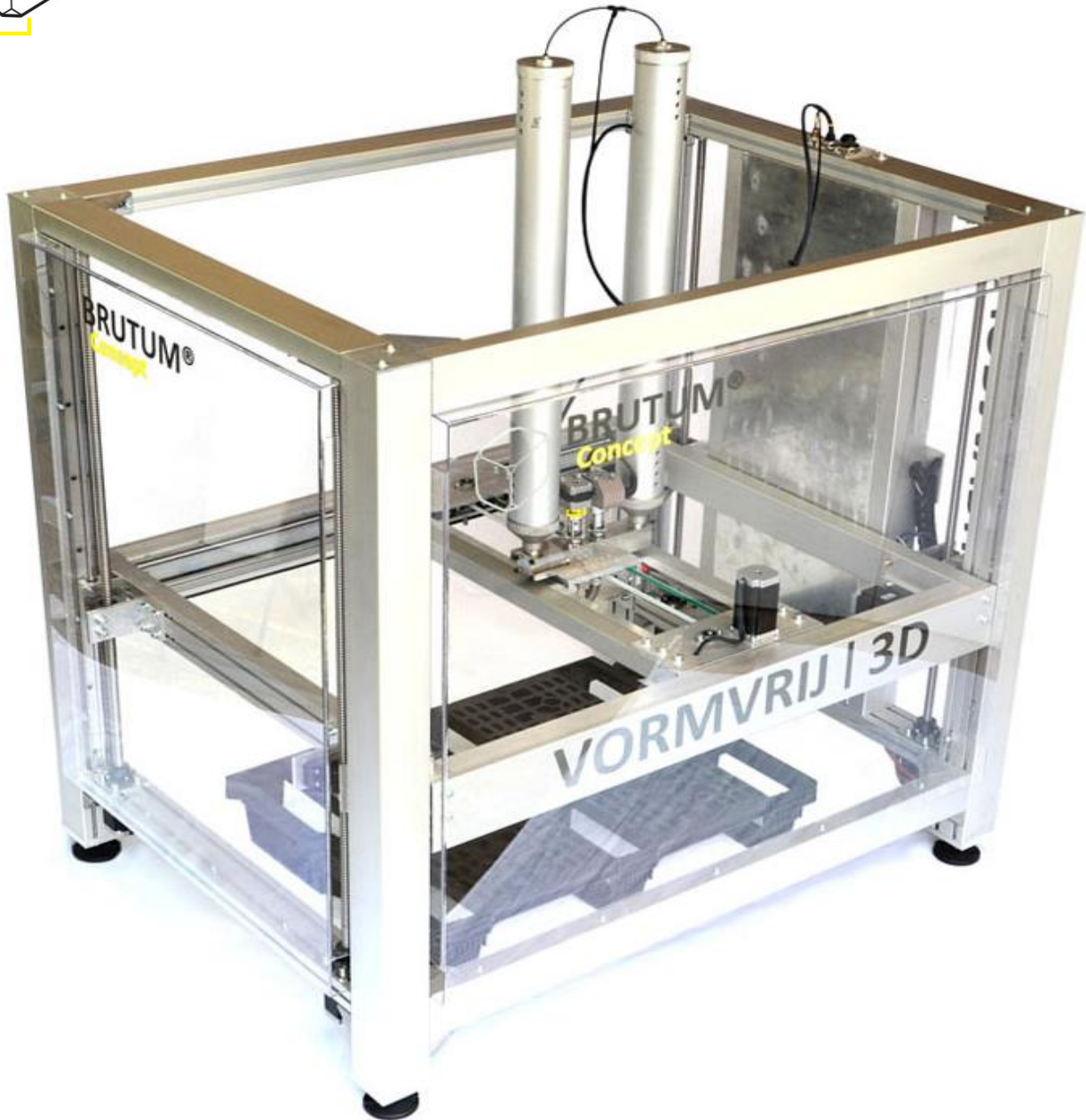




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LARGE CLAY PRINTER



INCLUDED WITH THE BRUTUM 3D CLAY PRINTER

- standard BRUTUM nozzle pack
- 7" touch screen + wifi access
- 4 metal cartridge sets XL (3000cc)
- 2 metal cartridge sets L (1400cc)
- 1 year / 1000h limited warranty
- 8 extra PET sleeve sets size XL
- 4 extra PET cartridge sleeve sets size L
- 2 sets spare pressure seals for Auger
- plastic pallet & plaster printbed
- USB cable, power cable
- all necessary tools
- instruction manual

