



VormVrij 3D LUTUM® Compare Sheet

	LUTUM® 4M	LUTUM® 4.6	LUTUM® 5M	LUTUM® 5	BRUTUM® 1
technology Marlin 1.1x	✓				
technology RpRap 3.x		✓	✓	✓	✓
wifi		✓	✓	✓	✓
32 bit electronics		✓	✓	✓	✓
8 bit electronics	✓				
LDM	✓	✓	✓	✓	✓
Screen size and typen	128x64 LCD	5" touch	4" touch	7" touch	7" touch
file transfer	SD	wifi	wifi	wifi	wifi
nozzle diameter	1,4 -3mm	1,2 - 7mm	1,4 -3mm	0.8 - 7mm	3 - 10mm
Extra powerful motor or driver			YZ	YZ	X Y Z
Quality HIWIN linear rails	X Z	X Z	X Y Z	X Y Z	X Y Z
Max accelerated velocity printing, mm/s	70	100	150	150	150
Printing Volume, Liter	25	100	25	95	247
Layer thickness (min-max), mm	1 - 2mm	0,5 - 2,5	1-2mm	0,5 - 3mm	0,5-10
Layer deviation, mm/100mm	0,025	0,025	0	0	0,05
Printbed layer deviation, mm/100mm	0,3	0,3	compensated	compensated	compensated
18/10 Stainless steel Extruders		optional	✓	✓	✓
Printbed	Steel	Steel	Stainless	Stainless Steel	Custom
Tolerance	1 mm over max distance printbed		na	na	
Extrusion output	Depends on clay				
Materials	Earthenware, stoneware, refractory, clays etc.				
slicing	Slic3r/Simplify 3D/Cura				
File type	.gcode		.gcode		
COMES WITH					
standard extruder	eco extruder	eco extruder	v10 extruder	v10 extruder	BRUTUM v1
Instruction manual	✓	✓	✓	✓	✓
Standard nozzle pack		✓	✓	✓	✓
full tools pack			✓	✓	✓
1 year / 1000h warrenty	✓	✓	✓	✓	✓
USB cable		✓	✓	✓	✓
Powercable	✓	✓	✓	✓	✓
External Control unit		✓		✓	✓
storage	4GB sd card	16GB	16GB	32GB	64GB
Printbed	Plaster	Plaster	Plaster	Plaster	Plaster+pallet
Metal cartridge set Small	1	2	2	2	
Metal cartridge set Large			1	1	2
Metal cartridge set XL					4
Extra metal cartridge sleeve		1*L	1*L	1*L	
Extra PolyCarbonate sleeve	1*S	2*S	5*S and 5*L	5*S and 5*L	8*XL and 4*L
spare seals for Auger and motor	1	9	9	9	15

