



VormVrij 3D LUTUM® Compare Sheet

	unit of measurement	LUTUM® 4M	LUTUM® 4.5	LUTUM® 4.5 PRO	LUTUM® 5	BRUTUM® CONCEPT
Arduino		✓	✓	✓		
DUET RRP3					✓	✓
wifi					✓	✓
32 bit electronics					✓	✓
8 bit electronics		✓	✓	✓		
LDM		✓	✓	✓	✓	✓
LCD Screen		✓	✓	✓	✓	✓
USB/SD card		✓	✓	✓	✓	✓
nozzle diameter		1,4 -3mm	1,2 - 7mm	1,2 - 7mm	0.8 - 8mm	✓
Extra powerful motor + driver				Y	YZ	XYZ
Quality HIWIN linear rails		XZ	XZ	XYZ	XYZ	XYZ
Max accelerated velocity printing	mm/s	100	100	150	150	150
Printing Volume	Liter	25	100	100	95	247
Layer thickness (min-max)	mm	1-feb	0,5-2,5	0,5-4	0,5-4	0,5-10
Layer deviation	mm/100mm	0,025	0,025	0,025	0,025	0,05
Printbed layer deviation	mm/100mm	0,3	0,3	0,3	0,3	0,3
18/10 Stainless steel Extruders			✓	✓	✓	✓
Printbed		Steel	Steel	Stainless Steel	Stainless Steel	Custom
Tolerance		1 mm over max distance printbed				
Extrusion output		Depends on clay				
Materials		Earthenware, stoneware, refractory, clays etc.				
slicing		Slic3r/Simplify 3D/Cura				
File type		.gcode				
COMES WITH						
Instruction manual		✓	✓	✓	✓	✓
Standard nozzle pack			✓	✓	✓	✓
All necessary tools			✓	✓	✓	✓
1 year / 1000h warrenty		✓	✓	✓	✓	✓
USB cable			✓	✓	✓	✓
Powercable		✓	✓	✓	✓	✓
External Control unit			✓	✓	✓	✓
7" touch screen + browser interface					✓	✓
Printbed		Plaster	Plaster	Plaster	Plaster	Plaster+pallet
Metal cartridge set Small		1	1	1	2	
Metal cartridge set Large			1	1	1	2
Metal cartridge set XL						4
Extra metal cartridge sleeve			1xS	1xS	1xL	
Extra PolyCarbonate sleeve		1xS	2xS	2xS	5xS and 5xL	8xXL and 4xL
spare seals for Auger and motor		1	9	9	9	15

