

Makerbot vs Ultimaker vs Tripodmaker

SIDE BY SIDE COMPARISON SHEET

Thank you for downloading our comparison guide. We hope it will be useful in your printer comparison study or will help you to decide for a printer more easily. For more information about our product feel free to contact us through info@tripodmaker.com



PRINTER MODEL	Makerbot Replicator +	Ultimaker 2+ extended	Ultimaker 3 extended	Tripodmaker
Build area	29,5cm x 19, cm <input type="checkbox"/>	22.3cm x 22.3cm <input checked="" type="checkbox"/>	19,7mm x 21,5mm <input type="checkbox"/>	30cm dia (20cm dia with optional covers) <input checked="" type="checkbox"/>
Build height	16,5 cm <input type="checkbox"/>	30.5cm <input checked="" type="checkbox"/>	30cm <input type="checkbox"/>	45cm <input checked="" type="checkbox"/>
smallest layer height	100 micron <input type="checkbox"/>	20 micron <input checked="" type="checkbox"/>	20 micron <input checked="" type="checkbox"/>	75 micron <input type="checkbox"/>
nozzle dia	0,4mm <input type="checkbox"/>	0.4mm (0.25mm, 0.6mm, 0.8mm) <input checked="" type="checkbox"/>	0.4mm (0.25mm, 0.6mm, 0.8mm) <input checked="" type="checkbox"/>	0.4mm (0.8mm) <input checked="" type="checkbox"/>
Filaments	Proprietary filaments <input type="checkbox"/>	Open system <input checked="" type="checkbox"/>	Open system <input checked="" type="checkbox"/>	Open system <input checked="" type="checkbox"/>
Filament diameter	1.75 mm <input checked="" type="checkbox"/>	2.85mm <input type="checkbox"/>	2.85mm <input type="checkbox"/>	1.75 mm <input checked="" type="checkbox"/>
Travel speed	N <input type="checkbox"/>	300mm/s <input type="checkbox"/>	300mm/s <input type="checkbox"/>	450mm/s <input checked="" type="checkbox"/>
Dual nozzle upgradable	N <input checked="" type="checkbox"/>	N <input checked="" type="checkbox"/>	Y <input checked="" type="checkbox"/>	Y <input checked="" type="checkbox"/>
Open source slicer available	N <input checked="" type="checkbox"/>	Y <input checked="" type="checkbox"/>	Y <input checked="" type="checkbox"/>	Y <input checked="" type="checkbox"/>
Dedicated slicer	MakerBot Print Software <input checked="" type="checkbox"/>	Cura <input checked="" type="checkbox"/>	Cura <input checked="" type="checkbox"/>	Prisma <input checked="" type="checkbox"/>
Interface	LCD screen and USB-stick <input checked="" type="checkbox"/>	LCD screen and SD-card <input checked="" type="checkbox"/>	LCD screen and USB-stick <input checked="" type="checkbox"/>	LCD screen and SD-card <input checked="" type="checkbox"/>
Frame enclosure	no covers <input type="checkbox"/>	no covers <input type="checkbox"/>	no covers <input type="checkbox"/>	Optional <input checked="" type="checkbox"/>
Calibration	Automatic assisted - Screws <input type="checkbox"/>	Manual - Screws <input type="checkbox"/>	Manual assisted - Screws <input type="checkbox"/>	Fully automatic - No screws <input checked="" type="checkbox"/>
Max nozzle temperature	N <input type="checkbox"/>	260 deg C <input type="checkbox"/>	280 deg C <input type="checkbox"/>	295 deg C <input checked="" type="checkbox"/>
Heated bed	not heated <input checked="" type="checkbox"/>	100°C <input checked="" type="checkbox"/>	100°C <input checked="" type="checkbox"/>	95°C <input type="checkbox"/>
Print bed	Flex Build Plate <input checked="" type="checkbox"/>	Glass <input checked="" type="checkbox"/>	Glass <input checked="" type="checkbox"/>	Aluminium <input checked="" type="checkbox"/>
Technology	Cartesian <input checked="" type="checkbox"/>	Cartesian <input checked="" type="checkbox"/>	Cartesian <input checked="" type="checkbox"/>	Delta <input checked="" type="checkbox"/>
Resume print after power down	N <input checked="" type="checkbox"/>	N <input checked="" type="checkbox"/>	N <input checked="" type="checkbox"/>	Y <input checked="" type="checkbox"/>
full metal hot-end	N <input checked="" type="checkbox"/>	N <input checked="" type="checkbox"/>	Y <input checked="" type="checkbox"/>	Y <input checked="" type="checkbox"/>
Support	mechanically removed - printed from the same material as the model <input type="checkbox"/>	mechanically removed - printed from the same material as the model <input type="checkbox"/>	soluble support with dual nozzle <input checked="" type="checkbox"/>	mechanically removed - printed from the same material as the model /soluble support with dual nozzle option <input checked="" type="checkbox"/>
Price in EUR	2495	2495	3695	2495

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Waiting too long for expensive prototype parts to arrive? Having a hard time to visualize your product to a customer?

Tripodmaker enables you to iterate faster and speed up your design process while keeping it in-house and at a fraction of the cost. Sell more by visualizing your concepts and engaging your customer today with a 3D printed model. www.tripodmaker.com

