# 3D Printer Models and Specifications

Average prices for 3D printers with dimensions of 100x100x125 mm are around $1000. Moving up to a build volume of 300x300x457 mm is up to around $5000. Prices are based on printers using FDM (fused definition modelling) technology. Layer by Layer. More cost efficient 3D printer designs are emerging and have seen printers as cheap as $300-$500 with a dimension of 100x100x125 mm.

SLA (Stereo-lithography) another printing tech. Benefits are even faster print times than FDM. Both methods have been around for 20-30 years although the FDM printers looks as though they may have been developed more. FDM printers appear to be far more cost efficient than SLA’s and achieving similar statistics.

Print times are based on size but more importantly the amount of detail.

# References:

3D printer models: <http://uk.rs-online.com/web/c/computing-peripherals/3d-printing-scanning/3d-printers/>

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Half duplex/full duplex. <http://www.dslreports.com/forum/r28539886-Hubs-always-work-in-half-duplex-mode-why>

3D printer hubs: <https://all3dp.com/make-money-3d-printing-networks/>