



TECHNICAL SPECIFICATIONS

GENERAL INFORMATION

| | |
|----------------------------|----------------------------------|
| Build volume | x 2000 y 2000 z 1500 (mm) |
| Print speed | Up to 600 (mm/s) |
| Layer height | Between 1.0 - 7.0 (mm) |
| Highest movement speed | 750 (mm/s) |
| Printing method | Fused Granular Fabrication (FGF) |
| Accuracy of linear modules | 0.001 (mm) |
| Accuracy of material flow | Material specific |
| Max weight of printed item | 1000 (kg) |
| Dimensions of printer | x 3500 y 2800 z 3300 (mm) |

EXTRUDER OPTIONS

| | | Medium | Large | |
|---------------------|-------|---------|----------|--------|
| Nozzle size | | 2.0-8.0 | 8.0-14.0 | (mm) |
| Material output | Up to | 14.0 | 30.0 | (kg/h) |
| Number of extruders | Up to | 2 | 2 | (pcs) |

MATERIAL OPTIONS

| Approved Materials | Standard Grade | Special Grade (Additives) |
|--------------------|----------------|---------------------------|
| | ABS | PP with glass fibers |
| | PLA | PP with glass balls |
| | Nylon | ABS with wood fibers |
| | | ABS with carbon fibers |
| | | PE |
| | | PLA with wood fibers |
| | | PLA with copper powder |
| | | TPU |
| | | TPE |

Other Materials

All thermoplastics can be tested



THE BOX

LARGE

THE BOX Large är en standard-maskin med utskriftsarea av 2000mm x 2000mm med utskriftshöjd av 1500mm. Den kan levereras med upp till två extruderings-sprutor av storlekama Medium eller Large. Alla BLB maskiner använder granulat av industristandard via metoden FGF (Fused Granular Fabrication). Granulat sänker materialkostnaden och bidrar till ett bredare urval av material att tillgå.

THE BOX Large kan användas såväl till prototyp tillverkning som fullskalig massproduktion.



