

# Stratasys J4100

## Create large or small production tools and full-scale prototypes.

Maximize your productivity and quickly achieve ROI with the Stratasys J4100™ 3D Printer. Its multimaterial capabilities, substantial throughput and ultra-large build tray help get jobs done faster, smarter and with more precision. Driven by PolyJet Technology™, this powerful system enables engineers, manufacturers and designers to 3D print any design – no matter how complex or detailed.

Part size is no object: the J4100 is equally adept at printing large or small prototypes with no compromise on precision. In one build, print large parts over one meter in length, eliminating the need to split large files in CAD and bond parts later. Print many parts in one job and enjoy a competitively low cost per part.

Reliable and easy to use, the J4100 helps you build parts that are ready for use with little or no post-processing. Support material is quick to remove with a WaterJet, and for most applications the smooth, multi-material parts require no polishing or painting

### 3D Printer Specifications

|                           |                                                                                                                                                                                                 |                                                                                                                            |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Model Materials           | Neutral shades                                                                                                                                                                                  | Flexible materials                                                                                                         |
|                           | <input type="checkbox"/> VeroPureWhite™<br><input checked="" type="checkbox"/> VeroBlackPlus™<br><input checked="" type="checkbox"/> VeroBlue™<br><input checked="" type="checkbox"/> VeroGray™ | <input checked="" type="checkbox"/> Agilus30 Black<br><input type="checkbox"/> Agilus30 Clear                              |
|                           | Transparent materials                                                                                                                                                                           | Digital materials                                                                                                          |
|                           | <input type="checkbox"/> VeroClear™<br><input type="checkbox"/> VeroUltraClear™                                                                                                                 | <input checked="" type="checkbox"/> Digital ABS Plus™ Ivory<br><input checked="" type="checkbox"/> Digital ABS Plus™ Green |
|                           |                                                                                                                                                                                                 |                                                                                                                            |
| Support Materials         | SUP705™ (WaterJet removable)                                                                                                                                                                    |                                                                                                                            |
| Build Size                | 1000 x 800 x 500 mm (39.4 x 31.5 x 19.7 in)                                                                                                                                                     |                                                                                                                            |
| Layer Thickness           | Horizontal build layers range between<br>27 microns - 55 microns<br>(0.001 in. - 0.002 in.)<br>depending on the print mode.                                                                     |                                                                                                                            |
| Workstation Compatibility | Windows 7                                                                                                                                                                                       |                                                                                                                            |
| Network Connectivity      | LAN – TCP/IP                                                                                                                                                                                    |                                                                                                                            |
| System Size and Weight    | 1960 x 2868 x 2102 mm (77.5 x 113 x 83 in.)<br>2200 kg (4850 lbs.)                                                                                                                              |                                                                                                                            |
| Operating Conditions      | Temperature 18 – 25 °C (64 – 77 °F); relative humidity 30-70% (non-condensing)                                                                                                                  |                                                                                                                            |
| Power Requirements        | 230 VAC 50/60 Hz, 8A single phase                                                                                                                                                               |                                                                                                                            |
| Regulatory Compliance     | CE, FCC                                                                                                                                                                                         |                                                                                                                            |
| Software                  | GrabCAD Print™ with Advanced Slicer                                                                                                                                                             |                                                                                                                            |
| Build Modes               | High Speed: up to 3 base resins, 27 micron (0.001 in.) resolution<br>Super High Speed: 1 base resin, 55 micron (0.002 in.) resolution                                                           |                                                                                                                            |
| XY Resolution             | 300x600 DPI                                                                                                                                                                                     |                                                                                                                            |