KYOCERA
ProJet 4500
3D PRINTER

A NEW DIMENSION
IN PRINTING

3D printers use a variety of additive manufacturing technologies, but they all have one thing in common, they create three-dimensional objects. 3D technology brings a limitless number of uses and benefits to users in any market.

The ProJet® 4500 gives you the power to make ready-to-use, flexible, strong parts, coloured pixel by pixel, with superior surface quality. This 3D printer is quick and efficient, and features intuitive operation controls, so you can ensure high productivity at all times.

Using ColourJet printing technology and the VisiJet® C4 Spectrum™ plastic material, the ProJet® 4500 allows you to quickly create true-to-life prototypes of your end product, accurately display vital features, and produce high-resolution, customised end-use products and prototypes.

The ProJet® 4500 generates minimal waste, prints require no supports and delivers ready-to-use, full-colour, functional parts and assemblies without post-processing or painting. This category-defining 3D printer completely shifts the paradigm for professionals engaged in architectural modelling, marketing communications, fashion design and more. Easy-to-use, sustainable to operate and fast to print, the ProJet® 4500 is economical and comes with fully integrated material recycling for greater yield and better total material usage.

The ProJet® 4500 printer features:

> High-resolution photo realistic CMY colour parts.

> Strong full-colour plastic parts.

> Fast printing.

> Provides instantly ready to use parts, post processing not necessary.

> Low part costs.

> No supports needed, this allows you to stack and nest parts in the build volume.

> Large build size (1625cm³)

COLOUR JET PRINTING (CJP)

CJP is an additive manufacturing technology in which core material powder is spread in thin layers over a build platform. Colour binder is then selectively jetted over the core material, and the part builds one layer at a time.

CJP is perfect for creating full-colour concept, architectural and demonstration models.

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Speed – Create parts faster, up to 2-5 times faster than FDM or Polyjet printers.

No post-processing - The ProJet® 4500 allows you to create a full-colour functional model in a single step.

Colour – ProJet® 4500 is able to create real plastic parts with almost 1,000,000 unique colours.

SOFTWARE

The ProJet® 4500 comes with two powerful software packages to prepare data for colour 3D printing

> **3DEdit Pro** checks your model to see if it is ready for printing, and helps you colour and even optimise your models to be printed using a ProJet® 4500.

> **3DPrint** then takes that prepared model, or models, and sends the data to the ProJet® 4500 to print.

3D Systems' also offer a free Print3D mobile application that lets you manage the ProJet® 4500 from anywhere:

> Start, stop, pause and monitor your build and printer throughout the entire process.

> Visual material status and build status.

> Set alerts for build completion, errors, etc.

COMPATIBILITY

Compatibility

Windows® 7 and Windows Vista

Supported Input Data Files: STL, VRML, PLY, ZPR

Build material – VisiJet® C4 Spectrum™

LOGISTICS

Weight – 340kg (boxed), 272kg (unboxed)

Dimensions (wxdxh)

190 x 122 x 172 cm (boxed)

162 x 80 x 152cm (unboxed)

3DSYSTEMS

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