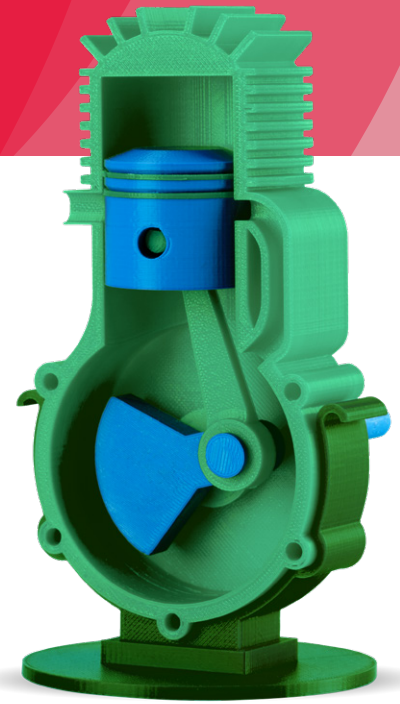


3D PRINTING DESIGNED FOR EDUCATION

YSoft be3D eDee is a 3D printing solution that combines a fast 3D printer with easy-to-use features to create a unique hands-on, immersive learning experience. The solution includes:

- Fully enclosed 3D printer
- DeeControl 3D layering software
- YSoft SafeQ® 3D Print Management software
- be3D Academy online 3D lesson plans
- Certified filament and accessories



2-stroke engine model by Ray73 is licensed under the Creative Commons – Attribution license. <https://www.thingiverse.com/thing:2744707>



SAFE BY DESIGN

eDee's 3D printer is enclosed and remains locked until the job owner retrieves the finished model or interrupts the printing. Student and teacher credentials (username/password, ID card or both) unlock the printer providing access. This ensures printer use is safe and that the model cannot be taken by others.



IMMERSIVE LEARNING TOOL

3D printing in the classroom increases student engagement and holds their interest. It encourages creative thinking because students actively learn through discovery.



SIMPLE TO USE

Mastering 3D printing requires no additional skills other than typical computer use. eDee's intelligent software provides step-by-step instruction and provides alerts and previews. It has never been easier to bring one's ideas to life through 3D models.



MEETS SPECIFIC EDUCATION NEEDS

We worked with educators to design eDee with lockable doors for managed access and 3D print management software for tracking 3D print activity and costs.

BE3D ACADEMY

be3D Academy is an online collection of 3D lesson plans designed to make it easy to teach in 3D. 3D lesson plans are teacher-tested projects that use 3D printing to bring the subject matter to life. Each 3D lesson plan offers educators a variety of tools including 3D model files, videos, student worksheets, and presentations in order to introduce the project to students. Each lesson indicates the science, technology, engineering, mathematics or design concepts that the project explores. be3D Academy also includes video tutorials and other 3D model files that can be printed using the eDee 3D printer.

Explore be3D Academy at be3dacademy.ysoft.com

A COMPREHENSIVE 3D PRINTING SOLUTION

Compared to stand-alone 3D printers, YSoft be3D eDee offers a complete 3D printing solution. With secure access to 3D printers, schools can easily manage their 3D printers, ensuring the safe and successful use of 3D technology in the classroom.

| Features | Stand-alone 3D Printer | YSoft be3D eDee 3D Printing Solution |
|---|------------------------|--------------------------------------|
| Ability to manage secure access to the printer for students and faculty | No | Yes |
| Door locks during printing for safety and to secure the finished 3D project | No | Yes |
| Network enabled | No | Yes |
| Built-in pay-for-print system, with an optional payment machine | No | Yes |
| Fact-based reporting on 3D printer usage | No | Yes |
| Comprehensive administrative control | No | Yes |
| Extendable print management features for 2D (paper) fleet | No | Yes |

YSOFT BE3D EDEE – 3D PRINTER SPECIFICATIONS

| | |
|---------------------------------|---|
| Product | 3D printer |
| Model | eDee |
| Trade name | YSoft be3D eDee |
| Printing technology | FFF (Fused Filament Febrication) |
| Printing area | 150 × 150 × 150 mm |
| Nozzle diameter | 0.4 mm (expected lifetime 1,500 h) |
| Print pad type | Glass, removable with optional bendable plastic sheet |
| Calibration | Automatic |
| Safety elements | Door locks, print bed sensor |
| Total dimensions | 496 × 414 × 397 mm |
| Weight | 27.5 kg (shipping weight: 31 kg) |
| Recommend operations conditions | 15–30°C (59–86°F), max.60% humidity |
| Supply voltage | External source 24 V/3.75 A (90 W, input 230 V/110 V) |



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