

DREMEL® 3D40 IDEA BUILDER

A division of  **BOSCH**

Bring your **ideas** to
life with 3D printing

With the Dremel® 3D40 Idea
Builder, inspire hands-on learning,
problem solving and give students
the confidence to turn their
imagination into reality.



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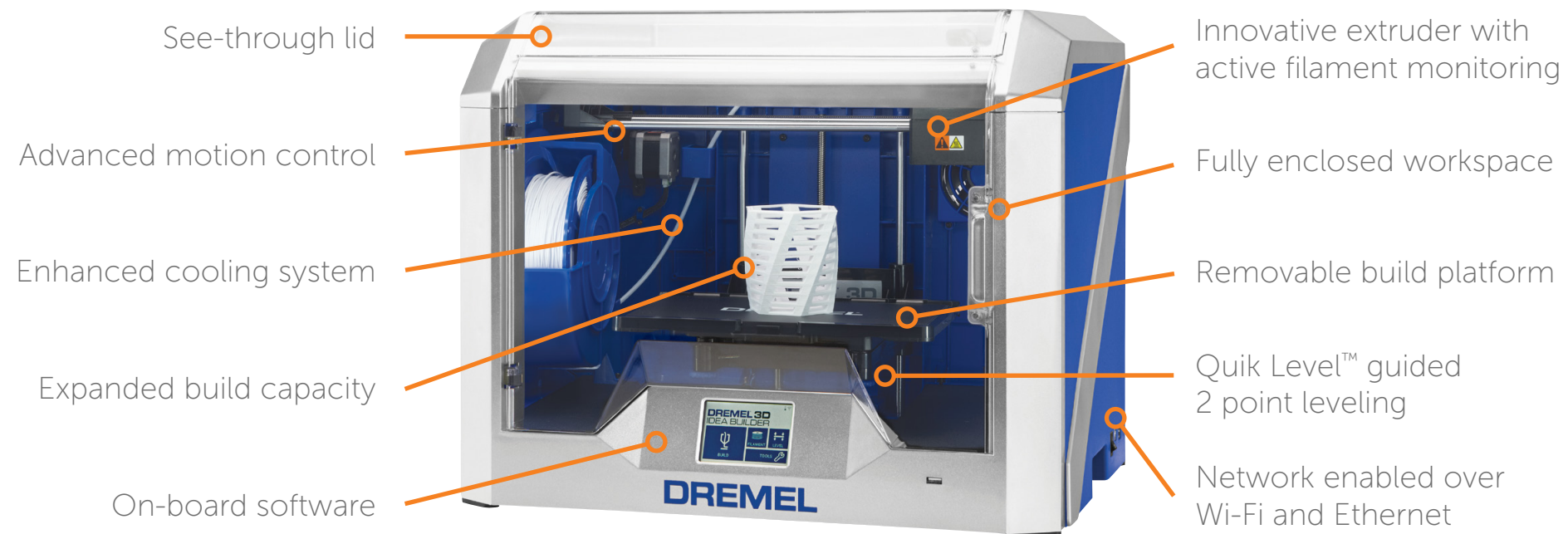


Meet the Dremel 3D40 Idea Builder

Key Features and Technical Specs

With the large build plate, assisted levelling feature and compatibility with various CAD software, the 3D40 Idea Builder has the power and flexibility to expand a student's creative horizons even further. This 3D solution is extremely easy to set-up and get started with straight out of the box with its plug and play technology.

SRP
£861.81
(ex VAT)



Key Features:

- Fast print speed of up to 120mm per second
- Compatible with PLA filament (wide range of colors available)
- Fine print resolution of 0.1mm
- 1 year warranty and after-sales care as standard
- IPS color touchscreen
- Built-in Wi-Fi compatibility and IPS color

Weight:

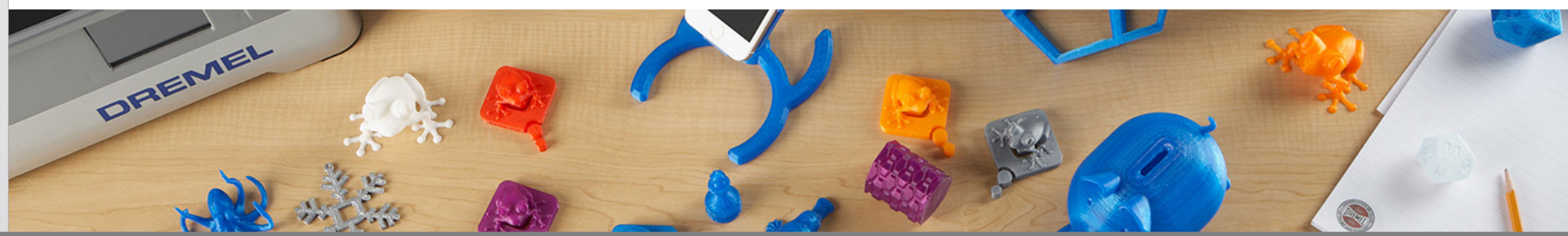
- (without spool) 16kg

Technical Specs:

- Extruder: Single extrusion
- Extruder temperature: Up to 230°C
- Operating Interface: 88.9mm full color IPS touch screen
- Max Build Volume: 255mm x 155mm x 170mm
- Layer Thickness: 0.10mm
- USB Stick: Up to 64GB
- Internal Storage: 4GB

Dimensions:

- 514mm H x 406mm W x 403mm D



A Closer Look at the 3D40

Easy to Use

It's easy to build objects with Dremel onboard software and colour touchscreen, which enables a preview of each model before it's built. Additionally, the Idea Builder comes equipped with an innovative clog-resistant extruder which is pre-installed. This makes setup as simple as plugging in a printer. With the easy-to-use software, start turning ideas into models in minutes!



Clean. Quiet. Contained.

The Idea Builder uses Dremel's own great (anti fumes) PLA filament within it's closable door that keeps out dust and prying fingers. This fully enclosed workspace also stabilizes the temperature for an optimal build and reduces noise so models and projects build quietly in the back. And it's UL Certified as well.



Touchscreen Panel

The Dremel 3D40 Idea Builder is fully operational even without hooking it up to a computer! With the full colour touchscreen, users can select models to build and control the print with the start, stop and pause buttons. The touchscreen display provides helpful information and makes it easy to use the printers connectivity and Wi-Fi abilities.



Easy to Set Up



1. Sign In

Create an account, log in and start exploring 3D models and projects.



2. Pick a Model

Download the 3D models to build.



3. Upload to Builder

Connect to upload a model via SD card or USB cable.



4. Build

Watch the model take shape as the Idea Builder builds layer by layer.



5. Enjoy

Open the door to a new creation.

Using Dremel 3D40 in the Classroom

The Dremel 3D40 Idea Builder is the best option for both school and home 3D printing; by combining this unique tool, with stellar service and curriculum, teachers can hope to catapult experiential learning for the next generation.

DREMEL'S PLEDGE:

We are continuously evolving our educational offering, to enable you—the educators, instructors, makers and builders to build upon your 3D printing skills.

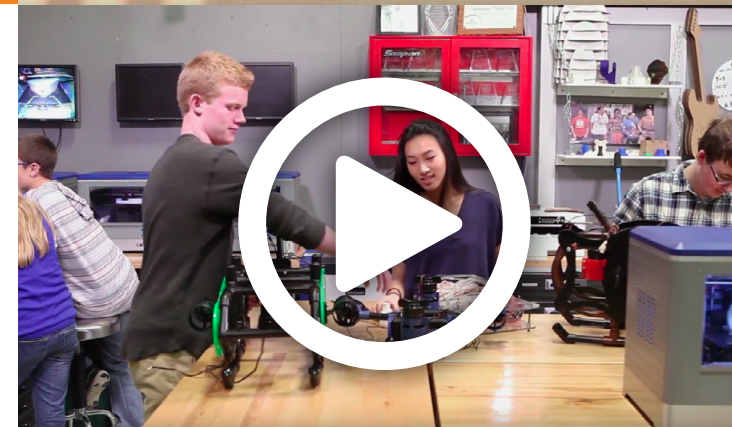


Dremel® Dreams 3D Specific Lesson Plans

Written by actual teachers and STEAM subject matter experts, Dremel 3D curriculum-based lesson plans are aligned with Common Core standards. These instructional guides will allow educators to get 3D printing integrated into classroom learning right out of the box.

All of the specially designed lesson plans and their corresponding 3D model kits come saved on the printer's SD card and can be saved to and printed from any computer.

[Learn more about the Dremel Dreams Program »](#)



[Listen to why students love 3D printing »](#)



Bring Designs to Life with Dremel PLA Filament

Dremel PLA filament has been designed and tested to work with the 3D Idea Builder and is simply the best filament to use with the Dremel 3D printer.

The Dremel Difference

Dremel PLA filament has been specifically engineered for optimal printing with the Idea Builder and is made using anti-fume technology. PLA is a thermal plastic that softens and melts when it's heated, building designs strand by strand and layer by layer. Dremel's PLA has been designed to melt at a temperature compatible with Idea Builder and can be recycled.

Using Dremel filaments ensures stable, strong objects with a high quality finish are created.



HOW MANY PRINTS CAN YOU GET WITH EVERY SPOOL?*

36 small models



OR

14 medium models



OR

3 large models



*Print amounts are approximate and based on moderate fill. Print amounts may vary based on quality and fill settings for each model.



PLANT-BASED

Dremel PLA filament is plant-based and recyclable.



HIGH QUALITY BUILD

Manufactured and tested to provide smooth and consistent building



VIBRANT COLORS

Dremel offers a wide array of dynamic colors to expand creativity.