

# Bravo.

pellet extruder

polylab

We've re-imagined technology, so **you** can reach further.



### Save more.

Get **50% more** out of your material with Archie



### Explore more.

Countless **materials** available in pellets



### Recycle more.

Print with **recycled** pellets and even your failed prints



### Print more.

No more filament runouts with Archie's **endless printing**



It's time to make the switch to pellets, upgrade with Archie.



### Quick & Easy installation

Be up and running within minutes



### Hot swap

Easily swap out extruder heads anytime



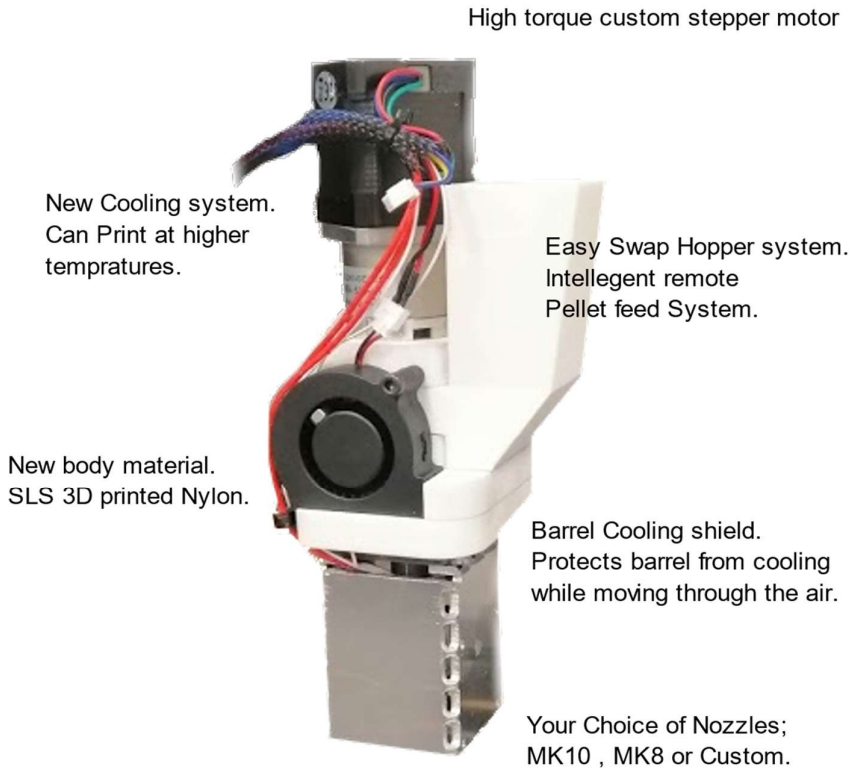
# Bravo



We've reimagined technology so you can reach further.

## Bravo

brings reliable, high performance and light weight pellet extrusion. Its bespoke screw and hopper design allows for a minimal footprint and lightweight construction, resulting in nimble and precise printing. Simply attach to your cartesian FDM 3D printer and enjoy the benefits of pellet 3D printing.



## What's in the box:

Upon receiving your pellet extruder, you will be greeted by:

- A fully assembled extruder head
- Power supply
- 2 x 0.8mm nozzles

## What you will need:

- 3D printer
- Basic tool kit



High torque geared motor to provide constant and concise torque



Custom 3 zone extrusion screw designed to compress and precisely extruded pellets up to 3mm in diameter



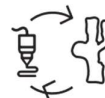
Advanced passive and active cooling for controlled and high temp extruding



High power heater for reliable and high temperature printing



Adaptive hopper for remote and local feeding



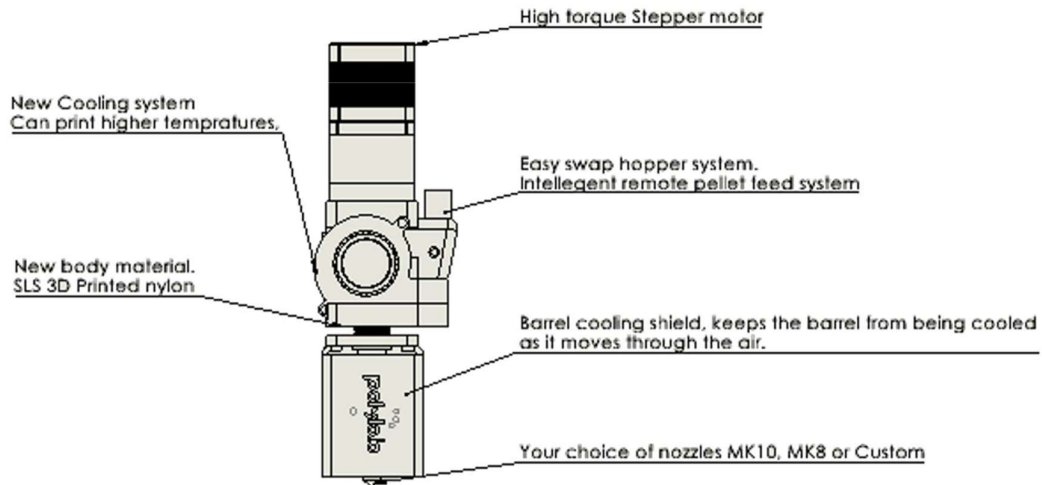
Swap extruder heads easily with our hot swap adapter



Endless printing. Just keep adding more pellets.

Contact us if you would like to find out more!

[Info@polylab.org](mailto:Info@polylab.org) | [www.polylab.org](http://www.polylab.org)



Parameter	Value	Units
Weight	0.950	kg
Flow rate	150	g/h
Compatible nozzle sizes	MK8 - MK10 - 0.2 to 3	mm
Max	300	°C
Max ambient temperature	80	°C
Power consumption	~100	W
Motor specs	17HS19-1684S-PG27	n/a