

Cultivate3D Pty. Ltd.
Live chat available though our website
Cultivate3d.com
admin@cultivate3d.com
+61 7 5646 4577

V2 The Beast

“A kit build, large scale, full featured 3D Printer which is infinitely customisable and upgradable. “

Key Features :

Kit Build : Build Time : As little as 1 day* (longer depending on experience).

Print Area* : 500x500x690mm (Size dependant on specific configuration).

Layer resolution : 100 - 800 Microns

Nozzle Sizes : 0.15mm - 1.2mm Available

Enclosure : Fully Enclosed

Heated Bed : Included - Max 150 Deg C

Multimaterial Support : Yes - Optional

Multimaterial Mixing Support : Yes - Optional

Print with Dissolvable support : Yes with Multimaterial option

Print with Flexible Material : Yes with direct drive option.

Number of Extruders : 4 Max

Synchronous Support : Yes - Optional Up to 4x

Max Printing Temperature : 300 Deg C Standard. 400 Deg C (with optional extra).

Auto Bed Leveling : Yes

Dimensions : 755x755x1080mm

Weight : 47Kg

Auto Distortion correction : Yes

Filament Out Detection : Yes

Wifi : Not supported

Print from Laptop : Yes via USB

Print from SD Card : Yes

Display : Multiline Monochrome

Build Manual : Yes - Full Illustrated PDF and Videos

Support : 12 Months Free Phone, Email, Live Chat, Skype



Prices / Product Options

All Prices are in AUD.

Base Unit Price (Single Titan Bowden Extruder) : \$3599 AUD RRP

Other Product Options :

Direct Drive Single Extruder : \$199 AUD

Multimaterial - 2 In 1 Out : \$249 AUD

3x Diamond (Color Mixing) : \$399 AUD

Up to 4x Synchronous : \$499 AUD

4x Kraken Hotend : \$599 AUD

Gantry Configurations

Running the Printer in Synchronous configuration is a great way to speed up the printing of repetitively printed parts. Each configuration has its own set of pros and cons (Highlighted below) which should be considered prior to making a choice as to which configuration is best for you.

Single Hotend OR Multi Extrusion



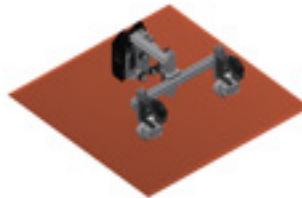
- | | |
|---|--|
| Pros | Cons |
| <ul style="list-style-type: none">• Allows for largest Prints• Easy to assemble• Full distortion mapping• Less Hotends = Less Maintenance• Fastest Possible Single Print Speed• Can be either Multimaterial or Single Hotend | <ul style="list-style-type: none">• No Sync Printing |

Dual Hotend AND / OR Multi Extrusion



- | | |
|--|--|
| Pros | Cons |
| <ul style="list-style-type: none">• Allows for large prints• Up to 2 identical objects at the same time• Can be Multimaterial or Single Hotends• Second hotend can be easily removed to free space• flexible• Easy to wire• Bed• Limited distortion mapping | <ul style="list-style-type: none">• Max print XY S halved• more maintenance than single hot |

3x Synchronous (Tri).



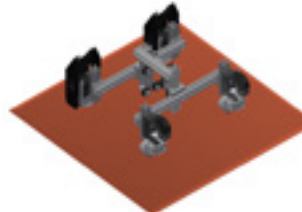
- | | |
|--|---|
| Pros | Cons |
| <ul style="list-style-type: none">• Up to 3 identical objects at the same time• Hotend 2/3 can be easily removed for single hotend (max bed size) or multimaterial printing• Relatively easy to wire | <ul style="list-style-type: none">• Bed size can be compromised• More hotends, more maintenance than Dual or Single• Limited distortion mapping |

3x Synchronous (Inline).



- | | |
|---|---|
| Pros | Cons |
| <ul style="list-style-type: none">• Up to 3 identical objects at the same time• Relatively easy to wire• Full Bed Available on Y Axis | <ul style="list-style-type: none">• Bed size can be compromised• More hotends, more maintenance than Dual or Single• Limited distortion mapping |

4x Synchronous (Quad).



- | | |
|---|---|
| Pros | Cons |
| <ul style="list-style-type: none">• Up to 4 identical objects at the same time• 4 x square build areas | <ul style="list-style-type: none">• Bed size can be compromised• More hotends, more maintenance than Tri, Dual or Single• Limited distortion mapping• Most Difficult to wire |

4x Synchronous (Inline).



- | | |
|---|---|
| Pros | Cons |
| <ul style="list-style-type: none">• Up to 4 identical objects at the same time• Full bed space available on Y Axis | <ul style="list-style-type: none">• Bed size can be compromised• More hotends, more maintenance than Tri, Dual or Single• Limited distortion mapping• Most Difficult to wire |



Our current plan for upgrades and product development.

Projects currently in the pipeline :

- An upgrade kit for V1.x printers to increase reliability and functionality.
- A laser cutting / engraving feature as an option for upgraded V1 and all V2 units.
- A second independant hotend, capable of moving off the build area when not in use. This will allow for more efficient multimaterial printing.

Available by Pre Order Only

The Beast V2 is sold on on a pre order basis only. This allows us to keep the cost of the unit as low as possible as parts can be reliably ordered in bulk and warehousing costs are minimised. This also allows us time to focus on product development during non production periods, producing upgrades for current and legacy units.

Pre Order opportunities open and close at various times throughout the year. Contact us to find out when the next round of Pre Orders becomes available.

Typical Lead time for pre orders is 2-3 months.

About Cultivate3D and The Beast V2.

Cultivate3D was founded by Josh Mamo in 2009 retailing 3D Printer components, In 2015, we opened our proiduction factory in NSW, Australia after releasing our first internally designed product The Beast V1.x on Kickstarter .

In 2018, our second flagship product The Beast V2 was released through kickstarter. Our R&D / production facility was then moved to QLD Australia.

