



**DIVIDE
BY
ZERO**

PROFESSIONAL **3D** PRINTERS

Infinite power of creation

about us



We are Divide By Zero Technologies and we are one of the leading 3D printer manufacturers and solution providers. Founded in 2013 and armed with our efficient machines and sound technology solutions, we are on a trajectory to becoming market leaders in the field of 3D printing.

With 3D printing taking the centerstage in the advancements in every field - architecture, medicine, academics, innovation, among many - it is only a matter of time when technology will have to be demystified and made accessible to a wider spectrum of users and innovators. We, with our mission to bring technology to everyone who needs it, are already a brand synonymous with efficiency, reliability and expertise.

One of our biggest assets is our team of experts with hands-on experience in the field of 3D printing technology. We not only manufacture lines of efficient 3D printers for your every need but also improvise on 3D printing technology in order to find better solutions for our existing and potential clients. We understand that every dimension of business is set on the path of progress and we are proud to be contributing to this movement.



WHAT IS 3D PRINTING?

3D printing is a process of synthesizing 3 dimensional objects under the control of the computer. With the right equipment, it is possible to 3D print objects of any size and shape very accurately and at a cheaper cost and quicker. Right from 3D printing automobile designs, architectural scale models to prosthetics and even human tissue, we have now reached a point that feels like a revolution. Also known as additive manufacturing, 3D printing is taking every field by storm as the prototyping and low volume production, and thus innovation, is now easier and more accessible.

OUR CONTRIBUTION

Divide By Zero is one of the forerunners in 3D printing technology printing in India. Our efficient and affordable machines are world-class in terms of quality and output. With our revolutionary and patented technology, we constantly aim to foster innovation in the 3D printing domain. We have been synergizing with numerous institutions and SMEs to enable innovation in the fields of academics, medicine, architecture, casting, packaging and automotive design, by making way for easier prototyping.

Aiōn 500

M A S S I V E S I Z E
U L T I M A T E P R E C I S I O N



"From prototyping to low-volume manufacturing, the AION 500 excels at any design application with impeccable accuracy and cost-effectiveness"

PATENTED TECHNOLOGY – AFPM

AFPM (Advance Fusion Plastic Modeling) printing with strength close to SLS.

PATENTED DESIGN

Sturdy and Stable build platform and moving gantry for unmatched precision

ENCLOSED AND RIGID BODY

Made up of 5 mm sheet metal, stabilizing chamber temperature.

HIGH SPEED PRECISION PRINTING

Up to 500mm/sec & auto bed leveling

MULTI MATERIAL COMPATIBILITY

High Strength AFPM Materials.

WIFI AND ETHERNET CONNECTIVITY

Multiple yet secure access to machine control software.

PRINT MONITORING SYSTEM

In Built Camera and Filament Sensor.

The revolutionary AION 500 is a high-performance 3D printers that offers professional quality of build volume of up to 500mm x 500mm x 500mm. Armed with our patented AFPM (Advance Fusion Plastic Modeling) technology, the printer renders a stronger and durable output – a prerequisite for large build sizes. Divide By Zero's proprietary Ultra H bot mechanism allows high speed printing of up to 500mm/sec. With multiple connectivity options, print monitoring mechanism and filament sensor, it is one of the most advanced 3D printers available in India. Large build size, ultra fast print speeds and unmatched precision, the AION 500 is designed for versatility.

TECH SPECS

MAXIMUM PRINTABLE AREA (DUAL EXTRUDER)

500mm x 500mm x 500mm (19.68in x 19.68in x 19.68in)

HEATED BED

HIGH PERFORMANCE HEATED BED 150W-230W

CONNECTIVITY

USB, SD CARD, WIFI, ETHERNET

XY PRECISION

POSITIONAL ACCURACY 16 MICRON USING HIWIN
PRECISION LINEAR GUIDE RAILS

RECOMMENDED MATERIALS

ABS, PLA, HIPS, PETG, CARBON FIBRE, AFPM ABS,
AFPM PLA , AFPM CARBON FIBRE

MAXIMUM PRINT SPEED

upto 500mm/sec.

PRINT ACCURACY

0.10-0.35MM (0.004-0.014)

PRINT MONITORING SYSTEM

IN BUILD CAMERA WITH WIFI CONNECTIVITY

ENCLOSURE

POWDER COATED 5MM ALUMINIUM BODY

NUMBER OF EXTRUDER / MODEL OF EXTRUDER

DIRECT DRIVE ALL METAL DUAL EXTRUDER
UPGRADEABLE TO QUAD

SOFTWARE SUPPORTED

REPETIER, CURA, CUSTOM SOFTWARE FOR DBZ,
KISLICER, SIMPLIFY 3D

TRAINING AND WARRANTY

3 DAYS INTENSIVE TRAINING
AND 1 YEAR WARRANTY

FILAMENTS SENSOR

YES. (FILAMENT FLOW NOTIFICATION)

Z PRECISION

PATENTED PRECISION Z AXIS MECHANISM WITH
ELECTROMECHANICALLY SYNCHRONIZED FOUR
BALL SCRWS AND MOVING XY GANTRY

LAYER THICKNESS RANGE

1:0.10-0.15
2:0 15-0.25
3:0.25-0.3

i250D

Accucraft

THE POWER OF DUALITY

The hybrid Accucraft i250D industrial-grade 3D printers incorporates dual extruders and can easily handle a build volume of up to 200mm x 250mm x 200mm. High performance dual extruders ensure accurate print output, zero post processing time and empower you to simultaneously work with two types of materials and colors options, thus broadening design possibilities. Optimized for efficiency, the machine offers multi-material compatibility and is a great value-for-money proposition. Multiple connectivity options, including WiFi, empowers faster execution of design ideas and rapid prototyping.

UNMATCHED PRECISION

HIWIN precision series linear guides

ENCLOSED AND RIGID BODY

Made up of sheet metal stabilizing chamber temperature

LOW RUNNING COST

Rs. 4/gm.

MULTI MATERIAL COMPATIBILITY AND SOLUBLE SUPPORTS

Industrial 3D printing materials with soluble supports

WIFI AND ETHERNET CONNECTIVITY

Multiple yet secure access to machine control software.

PRINT MONITORING SYSTEM

In Built Camera for Monitoring prints.



"Harness the power of dual extruders to tackle complex design requirements with ultimate precision, reliability, and stability"

TECH SPECS

MAXIMUM PRINTABLE AREA

200mm x 250mm x 200mm

BUILD PLATFORM

HEATED BED, REMOVEABLE BUILD PLATE

CONNECTIVITY

USB, SD CARD, WIFI, ETHERNET

MODEL OF EXTRUDERS

ACCUCRAFT DIRECT DRIVE ALL METAL DUAL EXTRUDERS

PRINT ACCURACY

80-150 MICRONS (CAN GO UPTO 50MICRONS)

PRINT MONITORING SYSTEM

IN BUILD CAMERA WITH WIFI CONNECTIVITY

ENCLOSURE TYPE

SHEETMETAL

RECOMMENDED MATERIALS

PLA, ABS, HIPS, PET-G, CARBON FIBRE, WOODFILL, METAFILL, POLYCARBONATE, FLEXIBLE FILAMENTS ETC.

PAUSE PRINT OPTION

YES

MAXIMUM PRINT SPEED

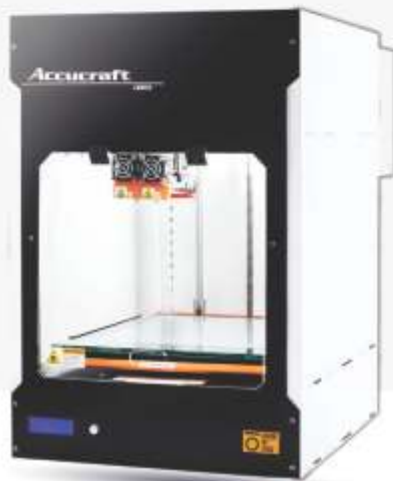
200mm/sec

SOFTWARE SUPPORTED

REPETIER, CURA, CUSTOM SOFTWARE FOR DBZ, KISLICER, SIMPLIFY 3D

TRAINING AND WARRANTY

2 DAYS INTENSIVE TRAINING AND 1 YEAR WARRANTY



i250+

Accucraft

THE FIRST STEP

Our Accucraft i250+ is your first step into the amazing world of 3D printing. This classic single extruder 3D printer can easily render a build volume of 300mm x 250mm x 200mm. Housed in a high-endurance sheet metal body, the unit is pre-assembled, calibrated and tested for easy 3D printing right out of the box. Quick load functionality, super-fast slicer, and support for commonly-used 3D file formats ensures faster print-cycles. Advance features like SD card, USB, Ethernet, Wi-Fi allow seamless connectivity and the built-in camera facilitates remote monitoring of print batches. The powerful Accucraft i250+ is built for accuracy, reliability, and affordability.



Take your first step towards visualizing your design ideas into tangible reality with speed and precision.

TECH SPECS

MAXIMUM PRINTABLE AREA
300mm x 250mm x 200mm

BUILD PLATFORM
HEATED BED, REMOVEABLE BUILD PLATE

CONNECTIVITY
USB, SD CARD, WIFI, ETHERNET

MODEL OF EXTRUDERS
ACCUCRAFT DIRECT DRIVE ALL
METAL SINGLE EXTRUDER

PRINT ACCURACY
80-150 MICRONS (CAN GO UPTO 50MICRONS)

PRINT MONITORING SYSTEM
IN BUILD CAMERA WITH WIFI CONNECTIVITY

ENCLOSURE TYPE
SHEETMETAL

RECOMMENDED MATERIALS
PLA, ABS, HIPS, PET-G, CARBON FIBRE, WOODFILL,
METAFILL, POLYCARBONATE, FLEXIBLE FILAMENTS ETC.

PAUSE PRINT OPTION
YES

MAXIMUM PRINT SPEED
200mm/sec

SOFTWARE SUPPORTED
REPETIER, CURA, CUSTOM
SOFTWARE FOR DBZ, KISLICER,
SIMPLIFY 3D

TRAINING AND WARRANTY
2 DAYS INTENSIVE TRAINING
AND 1 YEAR WARRANTY

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APPLICATIONS



When it comes to 3D printing, the applications are as limited as your imagination. 3D printing is proving to be an inevitable step for innovations, low volume manufacturing and rapid prototyping at low cost in lesser time. The field of automotive design is no stranger to encouraging technology. From better aesthetics to developing a workable prototype, Divide By Zero Technologies is empowering tomorrow's transportation

AUTOMOTIVE





PRODUCT DESIGN



MEDICAL

3D printing has contributed to the medical field by enabling 3D printing of perfect prosthetics, accurate pre-op models for medical students, and medical equipment, among other applications. It has also enhanced product development by enabling better adaptation to market trends, low turnaround time at lesser cost and at a lower risk. If this is not revolution, what is?

Needless to say, the journey of a blue print to a building is a complex one through the help of 3D Printing. Scale models with accurate perspectives are being developed unbelievably fast and at a low cost.



ARCHITECTURE



PACKAGING

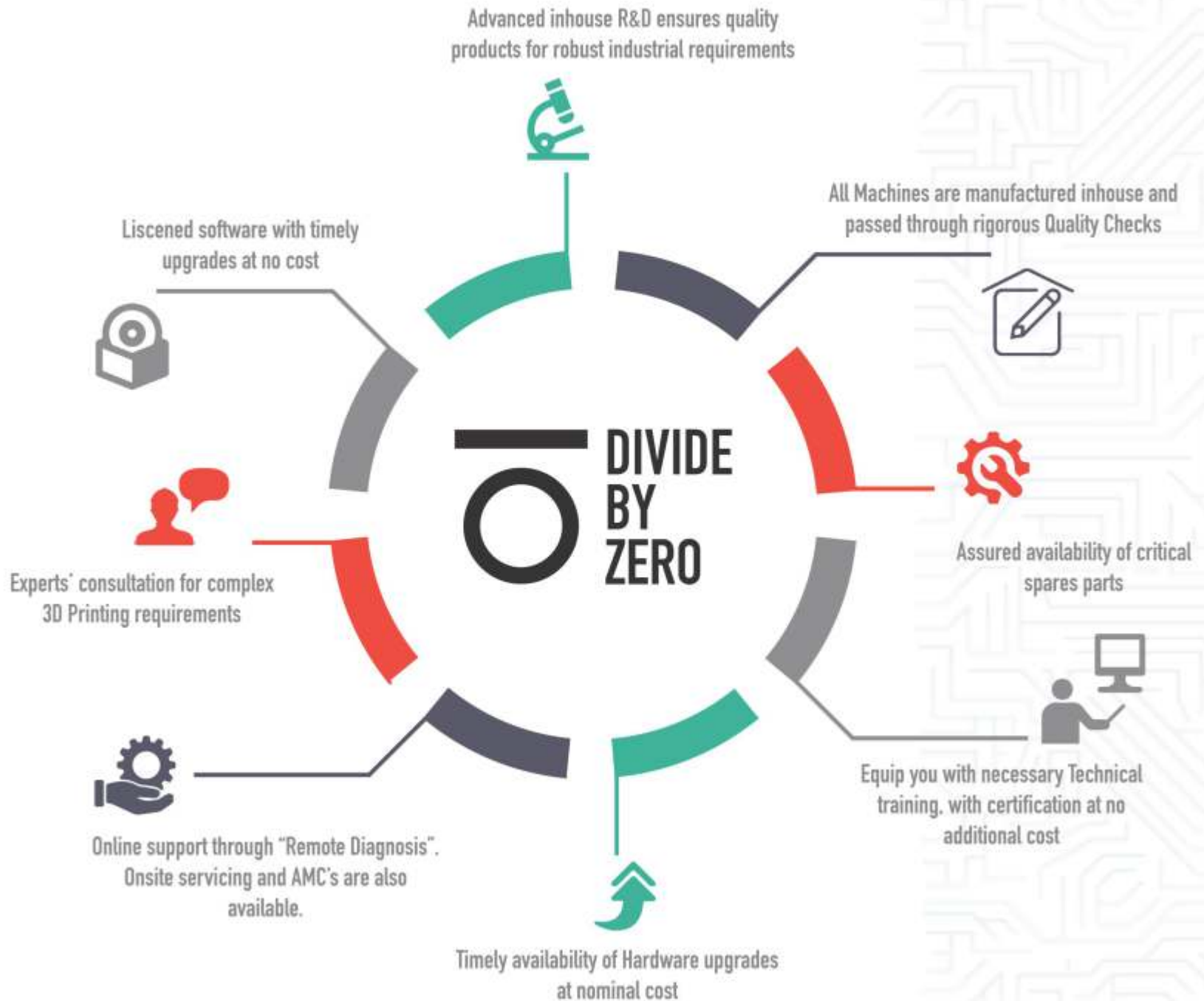
Casting is probably one of the most important steps in the production process. Equally important is the packaging stage. 3D printing not only lends itself to an accurate and more agile tooling and pattern cast-making process but also contributes to more ergonomic and precise packaging solutions. 3D printing technology helps cut the labor, cost and required time to a great extent.



CASTING



OUR STRENGTHS



CLIENTELE

"No amount of advertising can triumph real-time clients with their success stories. Here are all the prestigious clients we work with."



LUMAX MANNOH ALLIED TECHNOLOGIES



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