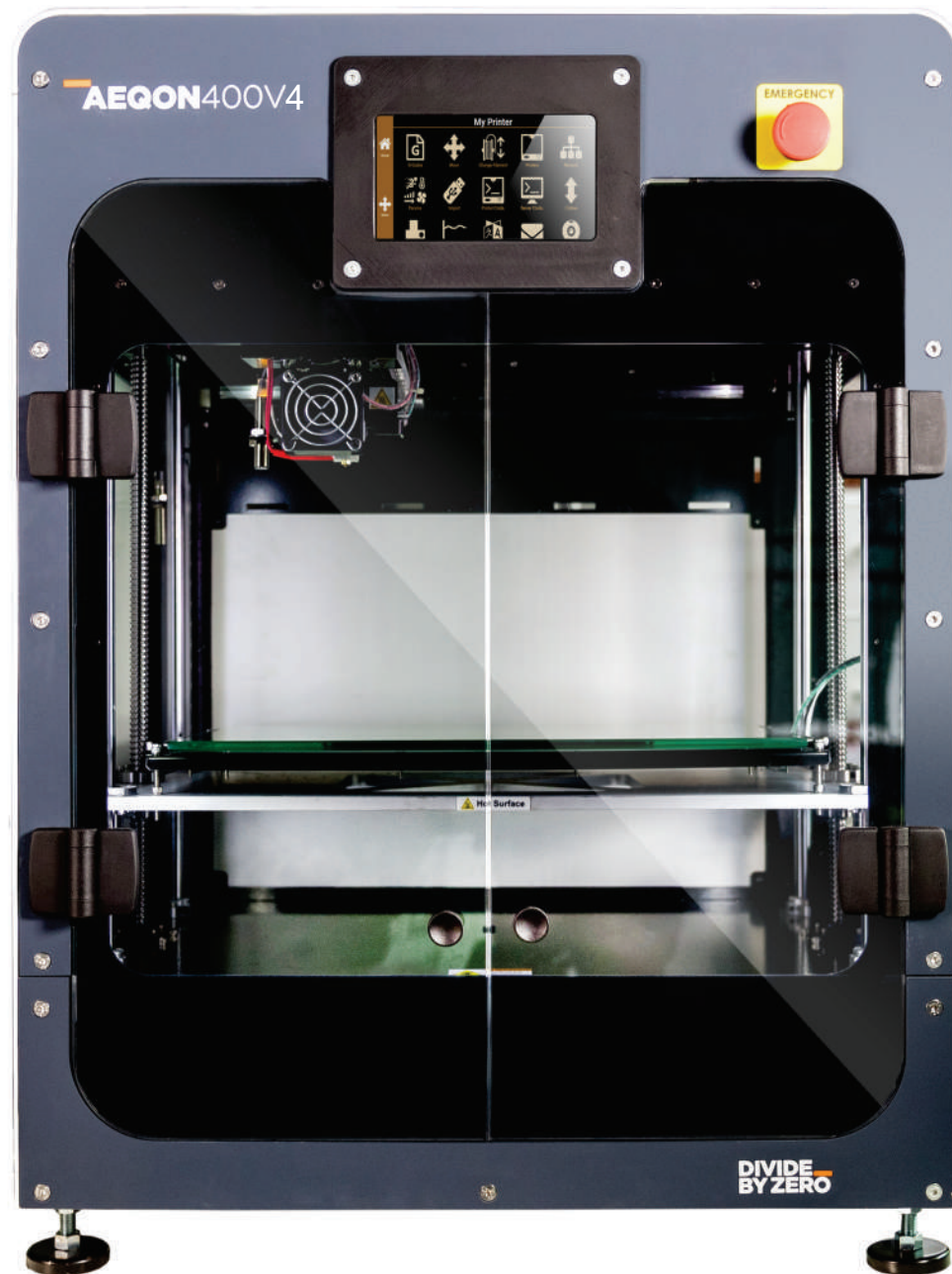


AEQON400V4

FOR EASY MID SIZE PROTOTYPING

INDIA'S FIRST MID SIZE SINGLE EXTRUDER 3D PRINTER WITH A UNIQUE GANTRY DESIGN FOR EASY 3D PRINTING OF MID SIZE PROTOTYPES.

Aeqon 400's low-noise operation, quick-load functionality, super-fast slicer and industrial-grade build quality ensure reliable print-cycles. With specially design high precision ball screws gantry along with print speed upto 200mm/sec, this 3D printer delivers unmatched precision and repeatability - a prerequisite in rapid prototyping and low-volume batch manufacturing. Superior features like USB and Wi-Fi allow seamless connectivity and the built-in camera allows remote monitoring of print batches. With a unique build volume and an easy-to-use interface, the Aeqon 400V3 is an ideal prototyping machine for product development applications.



1 FUTURE PROOF

Machine that grows with you. We call it "Start Small, Think Big" technology. One machine or multiple machines, all AEQON 400V3 machines can be connected through WI-Fi, Ethernet and USB and can be accessed through web browser on your desktop with access to live camera feed of the print and queue your next prints for your operator who has limited machine access if you want it.

2 FAST - 2X DEPOSITION RATE

Our advanced extruder design ensures minimum heat creep in the mechanism thanks to our unibody machined extruder that enables you to print with 2x deposition rates. Active filament sensor provides alert upon material flow interruption filament consumption, thus saving valuable time and material, ensuring uniform flow during part build.

3 35% - SMALL FOOTPRINTS

Save upto 35% space with unique design that lets you enjoy similar build platform with huge saving on machine foot prints

4 HIGH SPEED Z AXIS - DUAL BALL SCREW

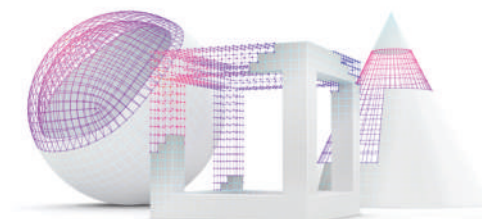
Our development team has come up with unique dual pre - loaded ball screw mechanism in Z axis to ensure vibration free high precision, high speed operation of the machine. It achieves 25% to 40% better speed without compromising on quality contrary to traditional cantilever gantry mechanism.

5 VERSATILE - MULTIPLE MATERIAL ON ONE MACHINE

Print materials like carbon fibre, ABS, Polycarbonate, Polyurethane on the same machine. Thanks to our advanced extruder mechanism design that can handle various abrasive materials, variable flow and temperature. You can print flexible, high strength, temperature resistant materials in the same machine with almost zero setup time.

6 AUTOMATIC MULTI POINT BED LEVELING CORRECTION

This feature improves the quality of printing and component bed adhesion by taking several measurements of the build platform surface and then adjusting all movement to follow the tilt or contours of the bed & along with unique ability to compensate for all the build surface height irregularities.



TECH SPECS

BUILD SIZE
400mm X 400mm X 400mm

NOZZLE DIAMETER
0.4mm - 0.8mm (optional)

EXTRUDER
Single (upgradeable to dual)

NOISE LEVEL
<55 dB

PRINTING SPEED
200mm/s Variable as per material profile)

MAX EXTRUDER TEMPERATURE
305°C

DIMENSIONS
L- 975mm X W- 666mm X H- 639mm

CONNECTIVITY
USB, Wi-Fi, Ethernet

ACCURACY
80-250 Micron

WEIGHT
113 Kg

INPUT POWER
220V - 4A - 50Hz

BUILD MATERIAL
ABS +, PLA, Metal fill, Carbon fibre, Polycarbonate, Polyurethane, ABS - PC.



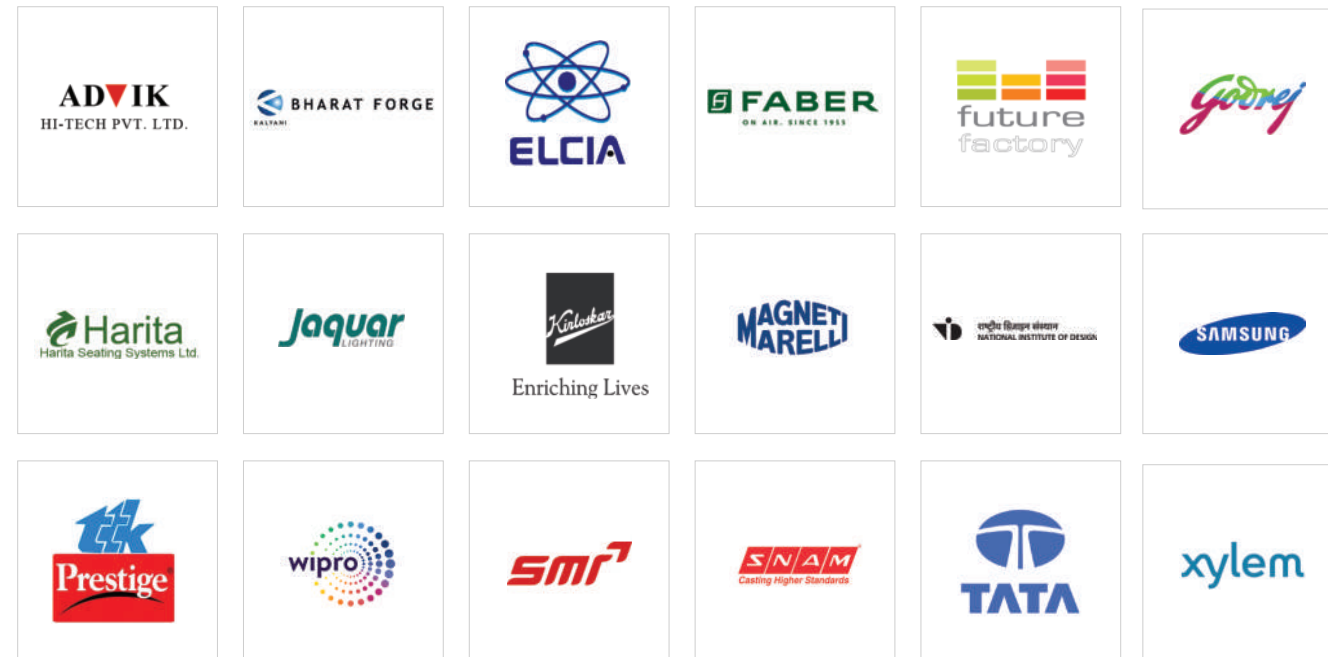
- Available with optional Packages
- Subject to alteration. Only specifications in our oer and order confirmations are binding.

3D PRINTING PIONEERS

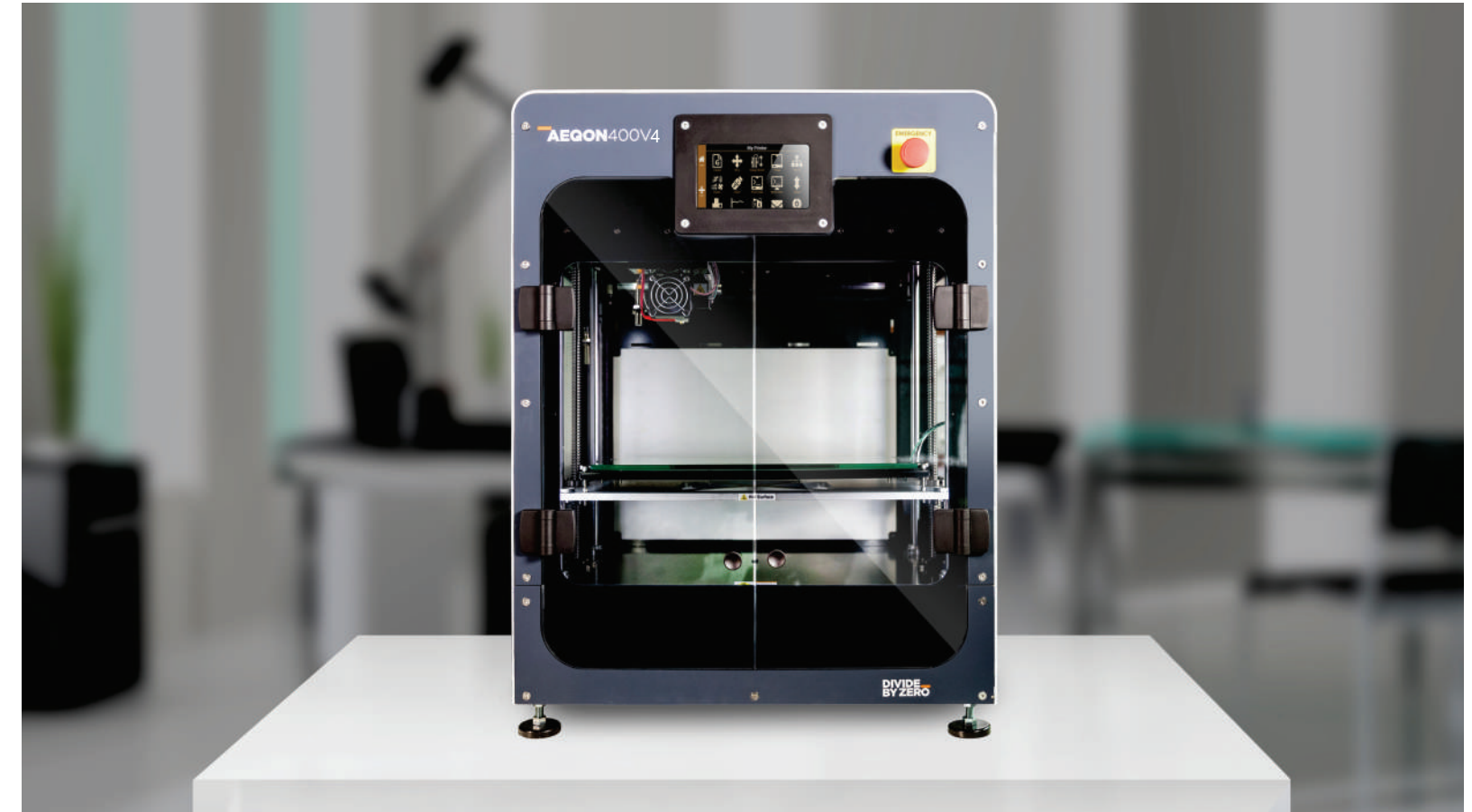
Divide By Zero Technologies is one of the pioneer companies to take 3D printing technology to SME sector in India purely because the machines are professional, affordable and adhere to international quality standards. Over the years DBZ has launched a range of high quality, Industrial 3D printers which already cater to various business, giving opportunities to engineers, designers, architects, educators, medical researchers and innovators to realise and visualise their ideas.

Our clientele is spread across the country with presence in cities like Mumbai, Delhi, Bangalore, Chennai, Pune, Ahemadabad, Rajkot, Coimbatore & other countries like Malaysia, Dubai and many more. DBZ works in a close loop with professionals and customers from various fields to improve on existing technology and providing the additional benefits of advance 3D printing technology to our existing and potential clients.

CLIENTS



AEQON400V4



RAPID PROTOTYPING MADE EASY

ADVANCED MANUFACTURING
DIVIDE BY ZERO
ISO 9001-2015 CERTIFIED

SIM TECHNOLOGIES PVT LTD
3rd Floor, Mamanjee Centre,
S7-A, Thiru-Vi-Ka Industrial Estate,
Guindy, Chennai – 600032
+91 87 5444 7021 | marketing@simtek.in

SIMTEK
Real Time. Real Results
Authorized Reseller