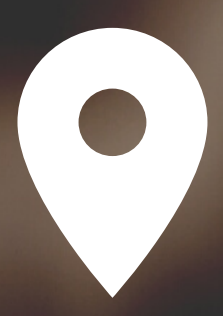




TURN YOUR IDEAS INTO REALITY



IKP EDEN Makerspace

IKP EDEN

IKP EDEN is a premium startup innovation hub in Bangalore. IKP EDEN is equipped with an in-house maker space that includes world-class equipment and machines.

The maker space is a great place to build and test your prototype, validate your business hypothesis by manufacturing in small batches and scale your production.

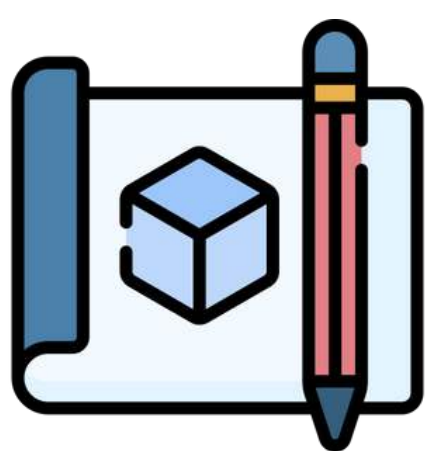
Our USP is in buidling products FASTER, at AFFORDABLE price.

OUR VISION

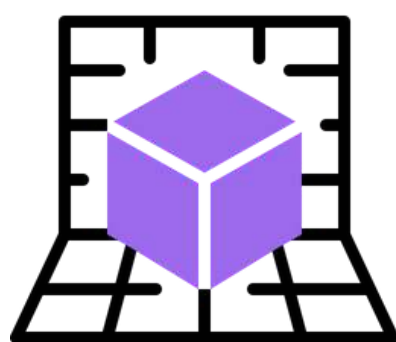
Help Startups Build World Class Products Faster



We help at every stage of your Journey



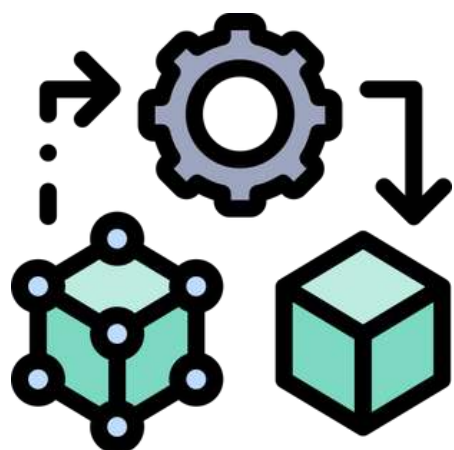
Concept
Generation



3D Modeling



Photo Real
Rendering



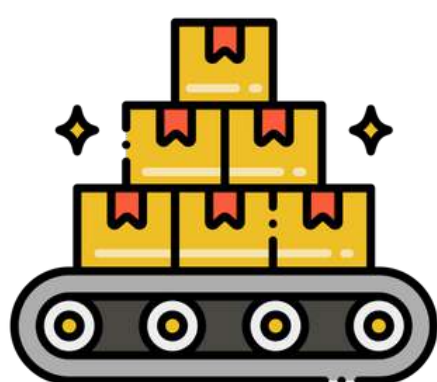
1st off
Prototype



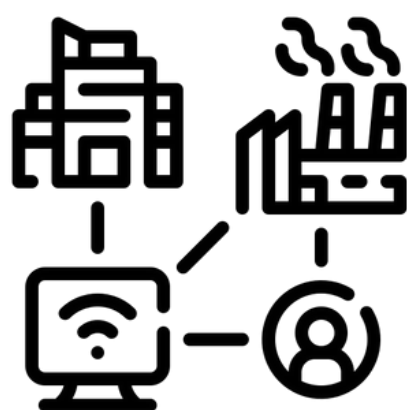
Manufacturing
Drawings



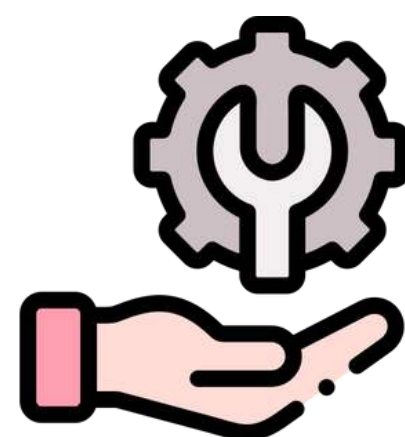
Analysis



Batch
Production



Production
Hand-off



On-going
Support



IKP
EDEN

Vertical Machining Center

Model: Haas VF-2 (4 axis)

Features:

- XYZ Stroke: 762*406*508mm
- Positioning Accuracy: +/-0.03mm
- Repeatability: +/-0.015mm
- Axes: 3 linear + 1 rotary
- Spindle Speed: 8000 rpm



Tools Available: End mills, Face cutter, Ball nose, T cutter.

Product Showcase





IKP
EDEN

CNC Turning Center

Model: BFW Orbitur+

Features:

- Chuck Dia: 165 mm
- Bed Length: 500 mm
- Positioning Accuracy: 10 microns
- Repeatability: 20 microns
- Spindle Speed: 40-4000 rpm

Tools Available: Turning tool,
Boring tool, Grooving tool,
Parting tool.



Product Showcase





IKP
EDEN

Metal Laser Cutting

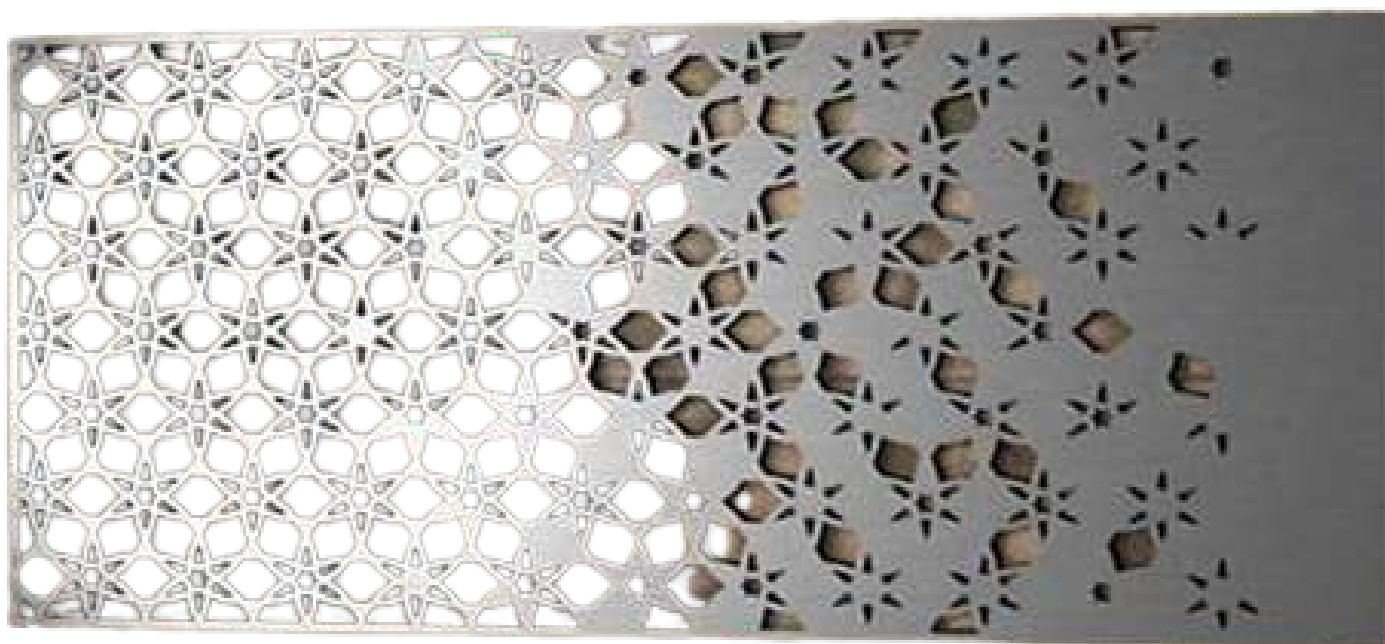
Model: Fiber Laser Cutter
CMA1325C-G-G

Features:

- Laser Power:
300~1000W
- Working size:
2500*1300 mm
- Max Sheet Thickness:
- Mild Steel - 6mm
- Stainless Steel - 3mm
- Aluminium - 1mm



Product Showcase





IKP
EDEN

Press Brake

Model: Siddhi Hydraulic

Features:

- Max Sheet Thickness: 6mm (Mild Steel)
- Max Sheet Width: 1300mm
- 60 ton capacity



Product Showcase





IKP
EDEN

DRO Milling Machine

Model: KRUTZ

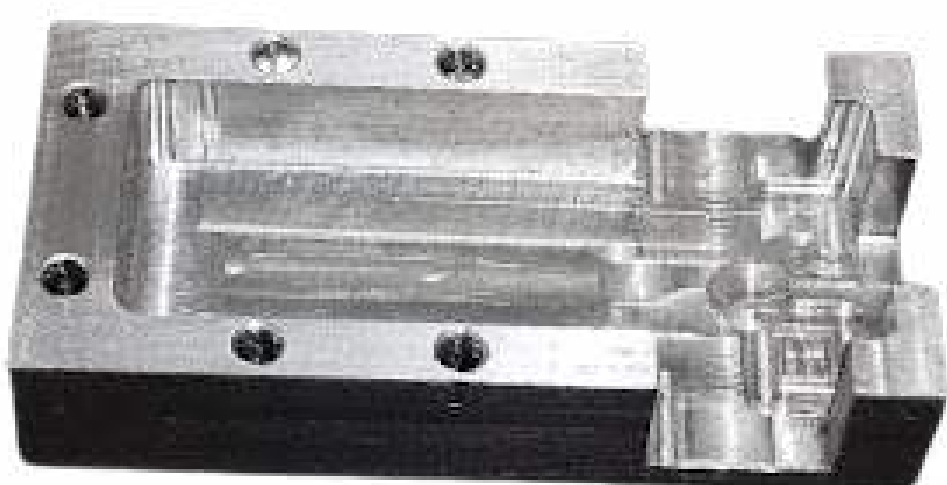
Features:

- Table Size: 230*1067
- XYZ Travel: 762*682*305mm
- Head Tilt (2 axis): +/- 45deg
- Spindle Motor: 3HP

Tools Available: End mills, face cutter, Ball Nose cutter.



Product Showcase





IKP
EDEN

Lathe

Model: Balaji Cone Pulley Light Duty

Features:

- Swing Over-bed: 425mm
- Max Length: 550mm
- Spindle Motor: 2HP

Tools Available: Facing tool, Turning tool, Boring tool, Drill Bits.



Product Showcase





IKP
EDEN

Bench Drilling Machine

Model: Robin Punjab

Features:

- Spindle Motor: 0.5 HP
- Chuck Diameter: 0.75 inch
- 1 HP 3 Phase motor

Tools Available: Drill Bits



Product Showcase





IKP
EDEN

Welding Station (ARC& TIG)

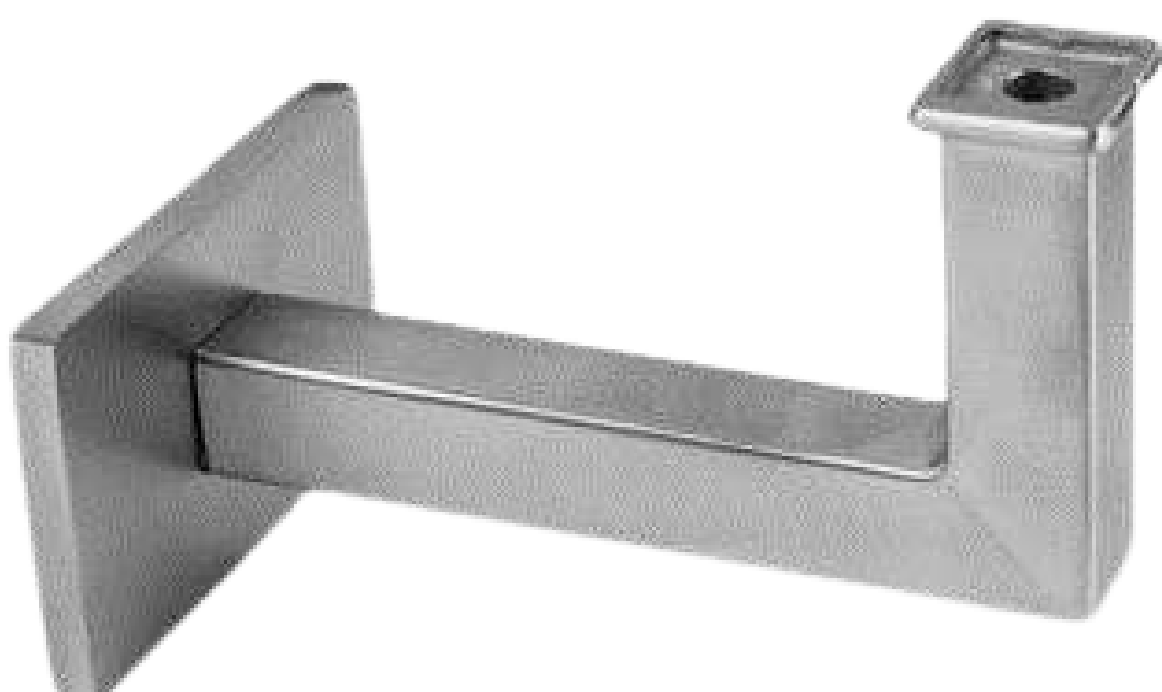
Model: ARC control 200

Features: Only Mild Steel and Stainless Steel

Tools available: Electrode for ARC welding, Tungsten rod for tig welding.



Product Showcase





IKP
EDEN

Injection Moulding

Model: Texwin/WIN40D

Features:

- Shot Capacity: 100g at 12 ton pressure
- Max Mould Size: 250*250mm
- Mould Thickness: 12 ~400mm
- Mould Opening: 130mm
- Daylight Gap: 400mm

Tools Available: Mould Fixtures



Product Showcase





IKP
EDEN

Vacuum Thermforming

Model: Trident Machinery

Features:

- Forming Area: 610*610mm
- Max Job Height: 305mm
- Materials: PC, Acrylic, HIPS, ABS, PP, PE, PVC, A PET, G PET



Tools available: Mould
Fixtures

Product Showcase





3D Printer (FDM)

Model: ZMorph Vx

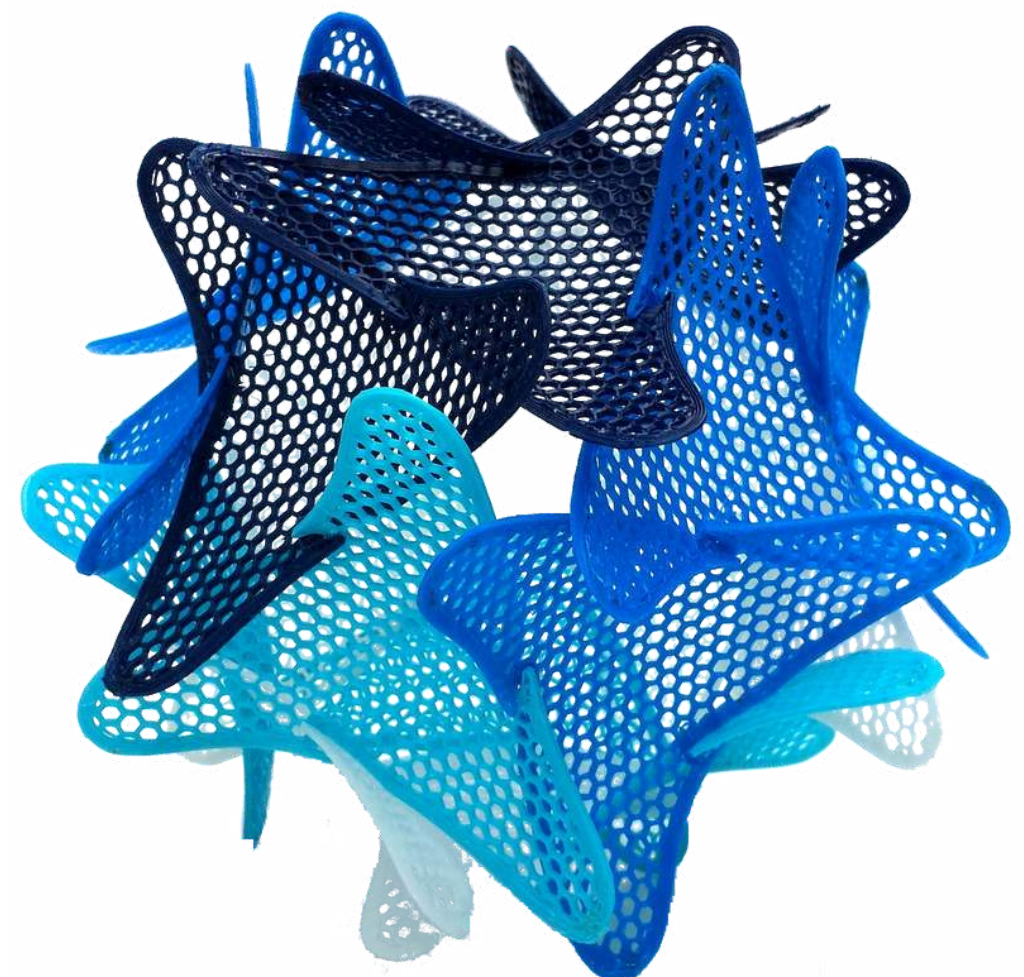
Features:

- Build volume: 250*235*165
- Layer Thickness: 0.2mm
- Materials: ABS and PLA
- Input file type: .obj or .stl

Tools available: Filaments



Product Showcase





3D Printer (SLA)

Model: Formlabs 2

Features:

- Build Volume: 145*145*175mm
- Layer Thickness: 0.025mm
- Material: Proprietary photo resin
- Input file type: .obj or .stl

Tools available: Resin



Product Showcase





IKP
EDEN

Melting Furnace

Model: Slicarb Aluminium
Melting cum holding furnace

Features:

- Power Source: Electrical
- Max Temperature: 900 deg.C 30kg capacity
- Control: Electronic
- Usage: Melting and Holding



Tools available: NA

Product Showcase





IKP
EDEN

Cutting Plotter

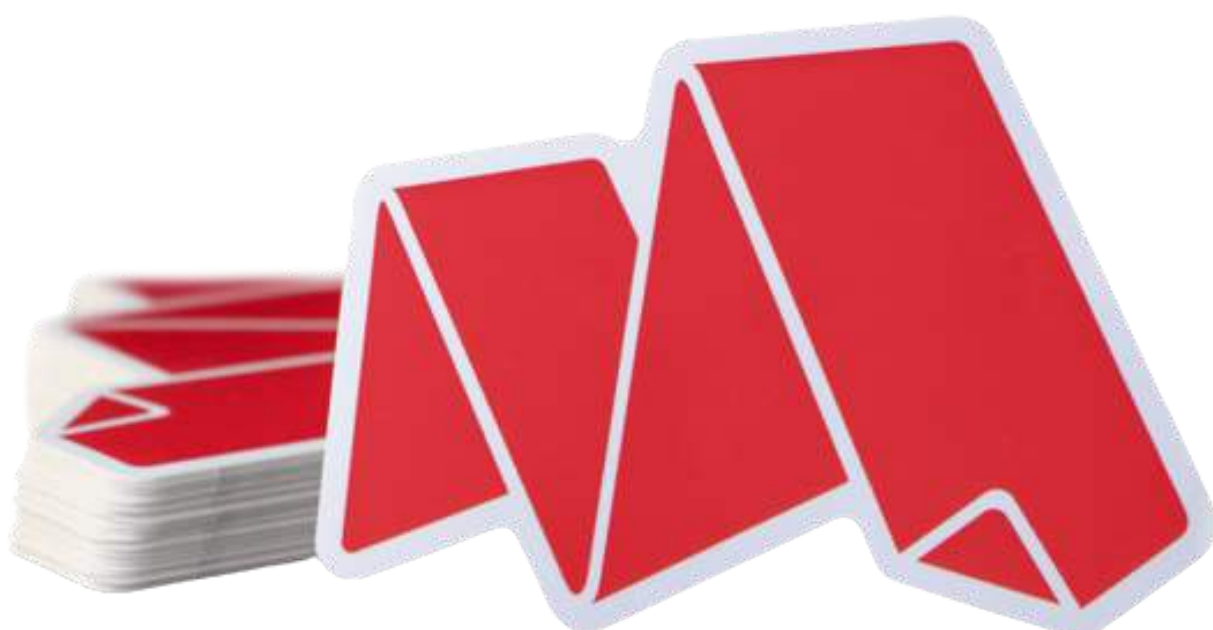


Model: CE6000-60

Features: 4 inches(2 ft) E-class cutting plotter with RS232C/ USB Interface

Tools available: Cutter

Product Showcase





CNC Router

Model: Ethereal Machines

Features:

- Max Working Area: 1000x1000mm
- Materials: Wood, Acrylic, Foam, Delrin, Nylon, PVC

• **Tools available:** End mill, Ball Nose, Drill bits



Product Showcase





Wood Station (Table Saw, Planer and Power Tools)

Tools Available:

- Table Saw Make: Bosch (Model: GTS 10J)
- Bench Top Planer Make: Makita (Model 2012NB)
- Orbital Sander Make: Bosch (Model: GEX 150AC)
- Professional Circular Saw Make: Bosch (Model: GKS 7000)
- Professional Radial Mitre Saw- MSM 1036
- JigSaw JSM1014



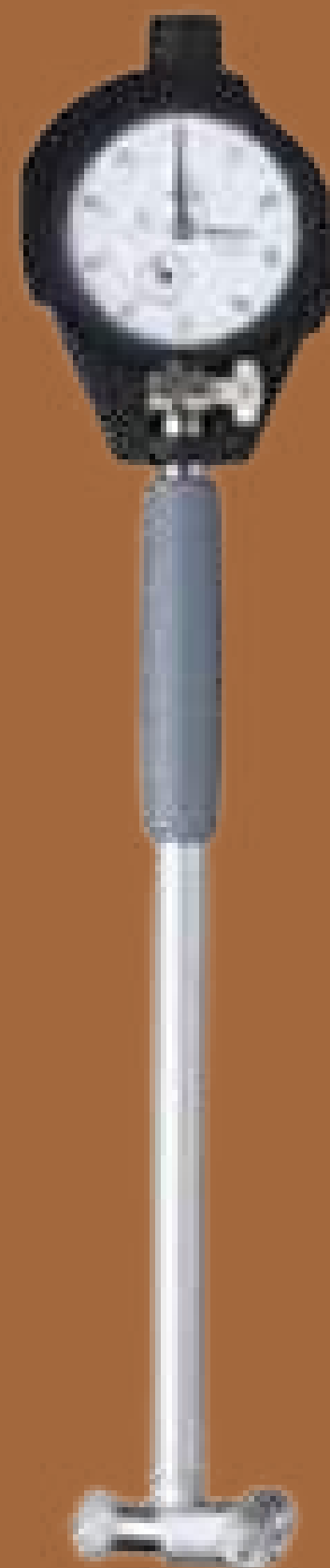
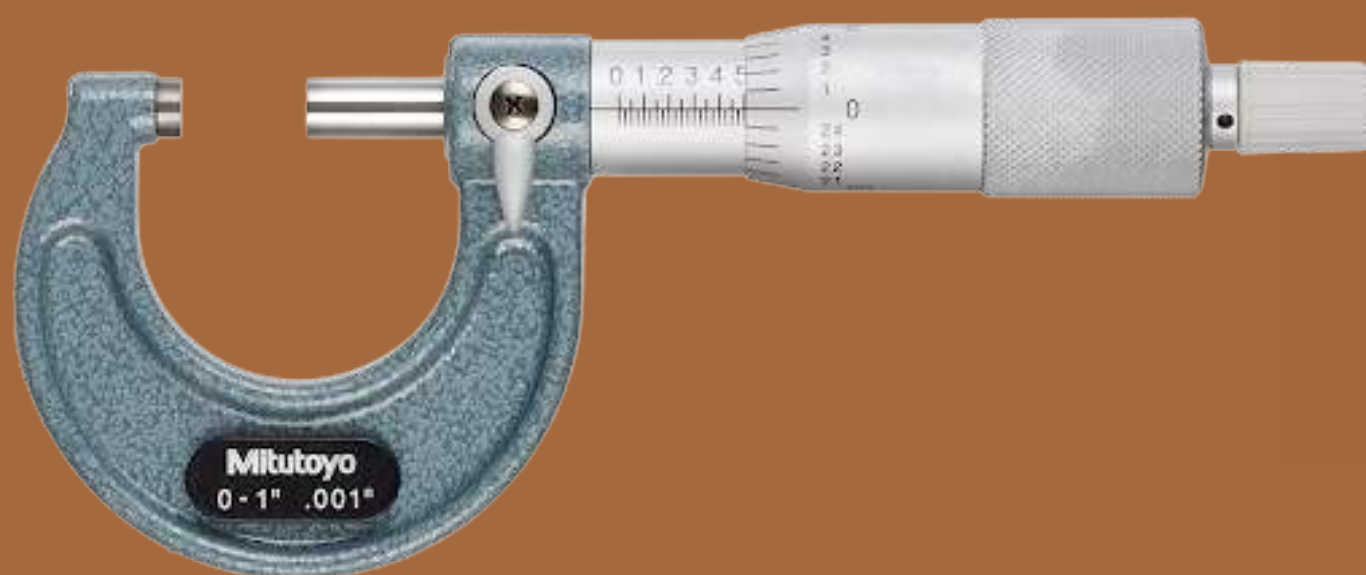


Surface Table & Measuring Instruments

Model: Mitutoyo

Tools available:

- Digital Vernier
- Micrometer
- Height Gauge
- Bore Gauge
- Bevel Protector





IKP
EDEN

SMT (Pick&Place Machine)

Model no: Neoden

Features:

- Placement Capacity: 5000CPH (vision off), 3500CPH (vision on)
- Placement Accuracy: $\pm 0.02\text{mm}$ (Repeatable Positioning Precision)
- Applicable Component: Min 0201, Max 30*30mm IC, BGA, QFN.
- Applicable PCB Size 310mm*1200mm / 350mm*400mm



Product Showcase

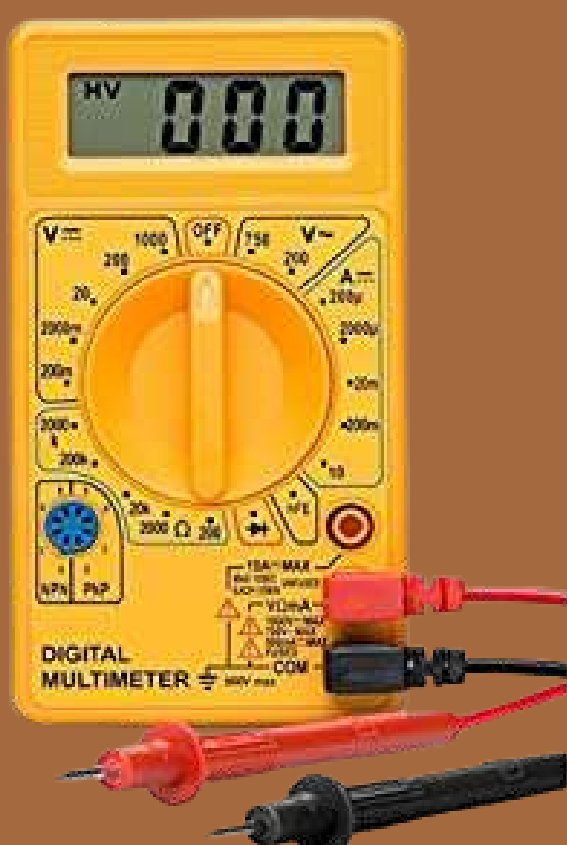
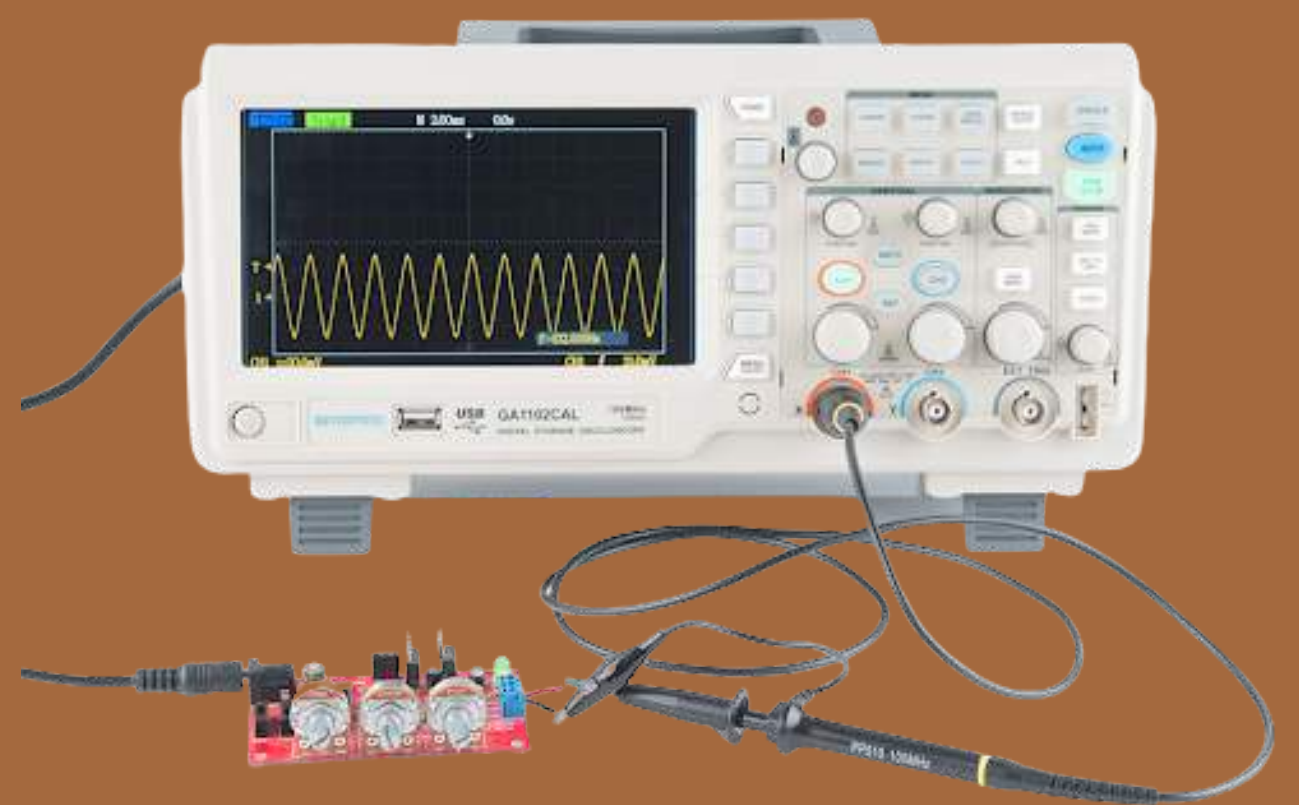




Electronics Instruments

Instruments Available:

- Oscilloscope
- DC Power Supply
- Function Generator
- Rework station
- Soldering station
- Digital Multimeter
- Clamp meter





Software Offering



- **Solidworks**- 10 Active on the server licenses to realize your idea into real world designs.



- **MATLAB**- 1 year free subscription and future discounts on licenses with which you can analyse data, develop algorithms and create models.



- **AWS**- 5000 USD AWS Credits to utilize Amazon's web server.



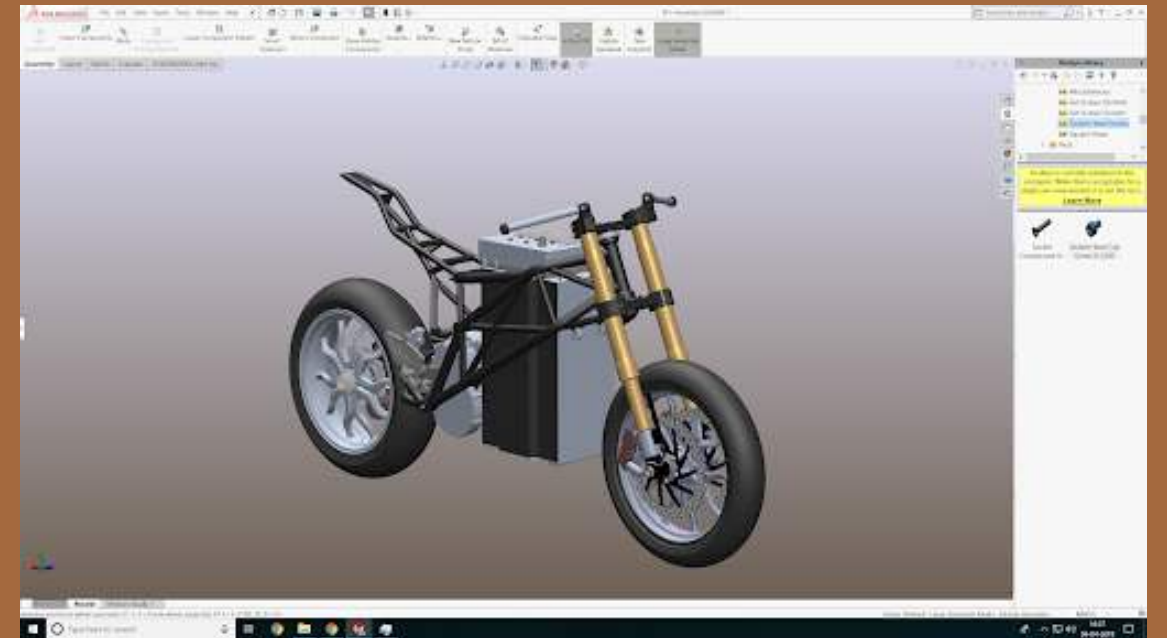
Success Stories

Emflux Motors

August 2016 – Varun Mittal and Ankit Khatri decide to build the Tesla of Super bikes

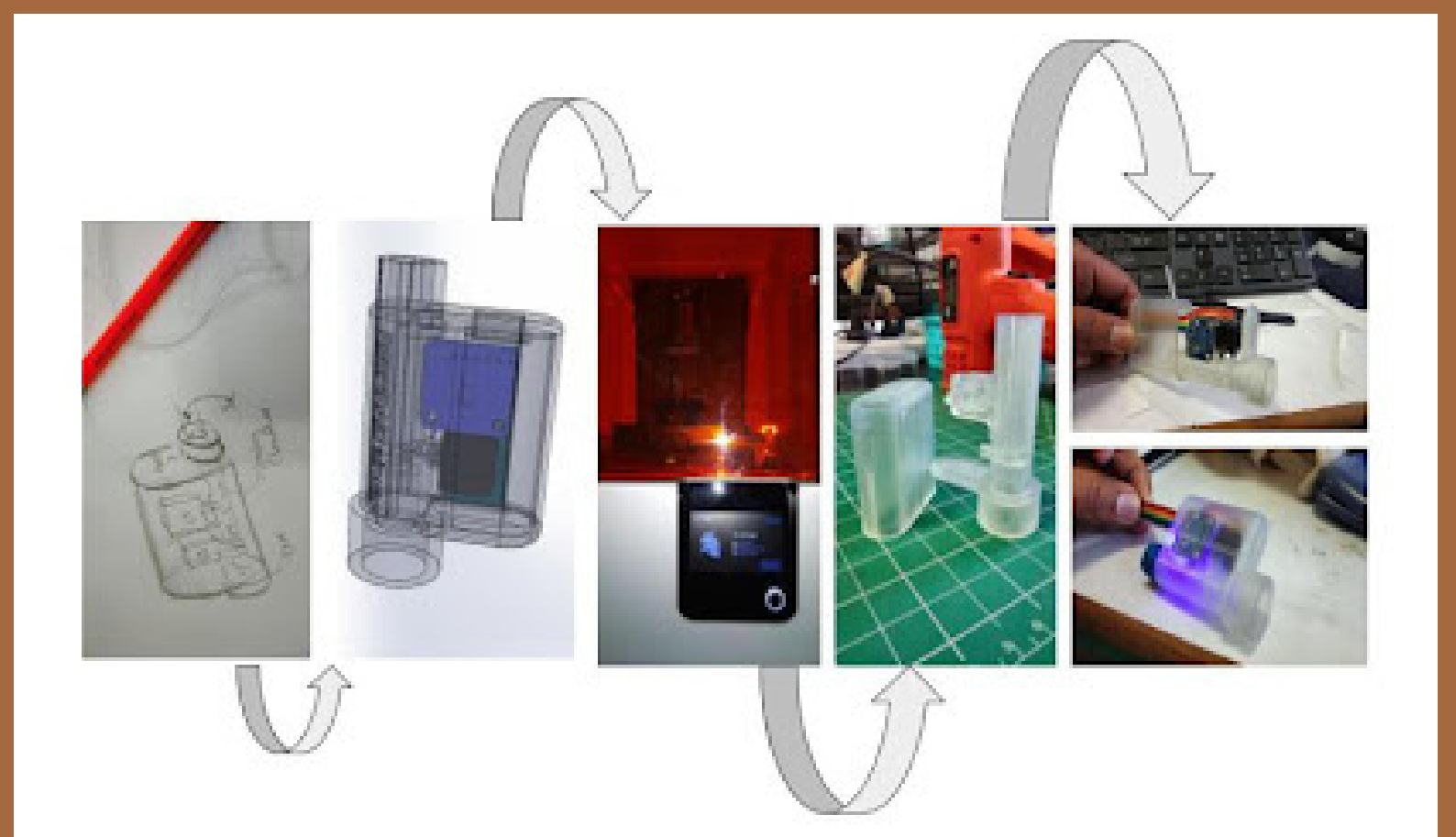
February 2018 –
The prototype debuts at Auto Expo Delhi

18 months from idea to prototype !



Biodesign Innovation Labs

From a thought and a hand sketch, to a working Proof of Concept Prototype in under 3 months.



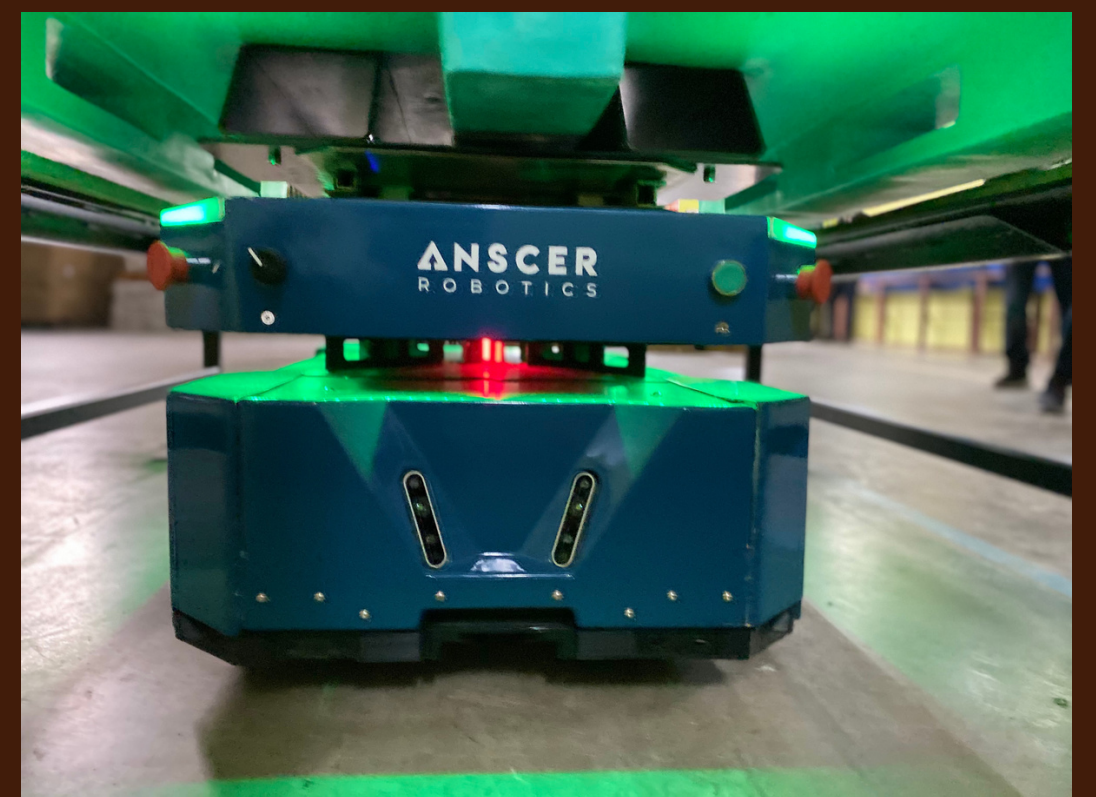
Working at the Hub, BioDesign made this gas sensing module that has the potential to save millions of lives.



Success Stories

ANSCER Robotics

ANSCER Robotics is building and designing World Class Autonomous Mobile Robots which optimizes mobility and ergonomics in indoor environments.



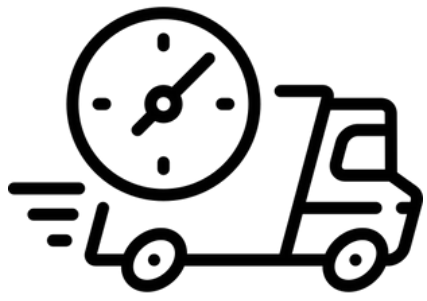
Upciti Private Limited

Upciti is building- Niya, which allows charging of an EV battery pack using any of the millions of USB-C power adapters just like your laptops and phones resulting in truly universal charging.





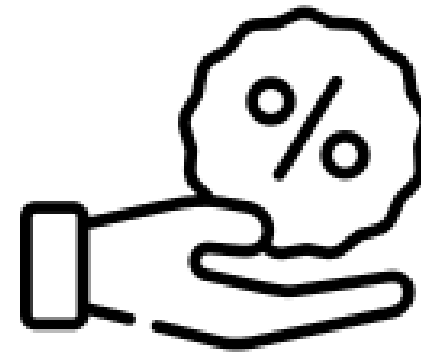
Why us?



Fastest in Industry



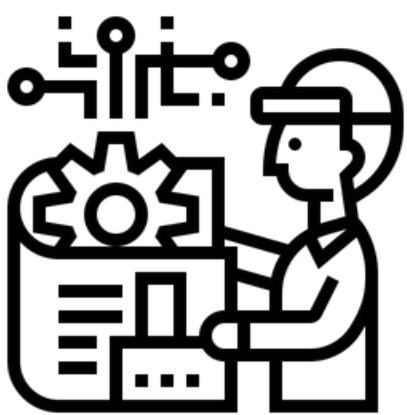
High quality upto
20 microns



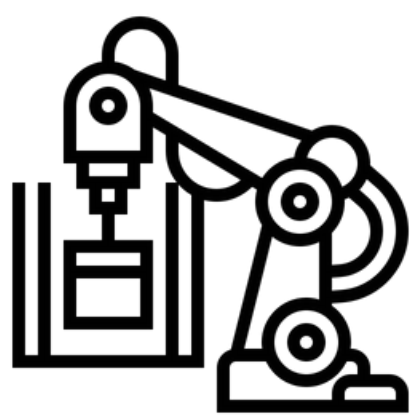
Competitive Pricing



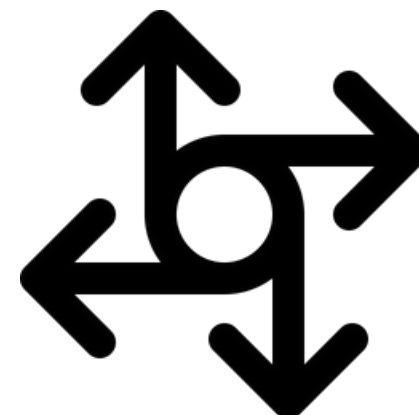
Standard Operating
Procedures



Expert Guidance
& Mentorship



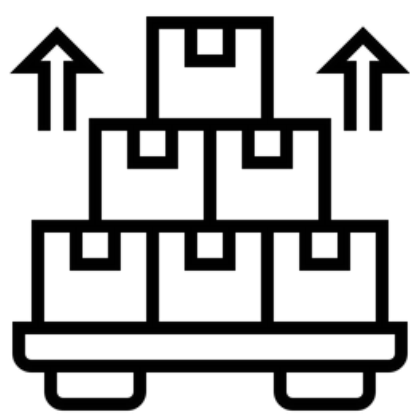
Best in Class
Equipments



Versatility
(Material/Product/Quantity)



Vendor Connect



Place order for any
quantity

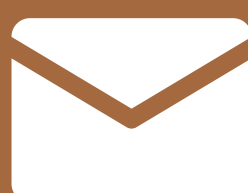


Quality Assurance

Contact us



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www.ikpeden.com