



## ABOUT US

Lucan Techno is an Indian Proprietary company founded in 2019. We have excellent in-house production capacity and refined manufacturing processes that will deliver high - quality production parts at cost-effective prices. The Company is managed by qualified, experienced and technical professionals who strive to provide high quality products and services at competitive prices

## :: OUR SERVICES ::



**MPCVD  
Machine Parts**



**Diamonds  
Industry  
Spare Parts**



**Textile  
Industry**



**Automobile  
Industry**



**Laser  
Industry**



**Medical &  
Surgical  
Components**



**Robotics**



**General  
Engineering**

## Diamond Products :

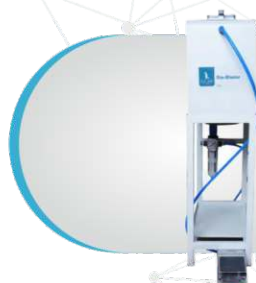
### Dia Blaster :

A Dia Blaster Diamond Machine is a specialized tool used in the diamond industry for cleaning and enhancing the surface of diamonds. It typically uses high-pressure air mixed with a blasting medium to remove impurities, polish facets, and improve the overall quality of the diamond. This process helps in achieving a more brilliant and cleaner finish, which is crucial for grading and market value.



### Smart Seed Polisher :

A smart diamond sheet polisher machine is an advanced tool designed for polishing diamond sheets efficiently. It integrates automation, precision control, and sensor technology to enhance the polishing process. This machine typically features computerized settings for pressure, speed, and polishing angles, ensuring consistent quality and reduced manual intervention. Smart features like real-time monitoring, adaptive adjustments, and safety mechanisms make it highly effective for achieving a smooth, high-quality finish on diamond surfaces.



### IR to Green :

An IR to green diamond machine is used in the diamond industry to detect and sort diamonds based on their characteristics. The machine typically uses infrared light to identify synthetic or natural diamonds, as well as to determine color and other properties. By analyzing the absorption or transmission of infrared light, the machine can differentiate diamonds and provide information that allows for further processing or classification. The data is used to enhance quality control, particularly in distinguishing treated or synthetic diamonds from natural green diamonds.



### Other Products :



### UV Bond :

Lucan's UV bond is a blessing for the diamond industry that allows for a much more aesthetically pleasing and cleaner finish diamond

### UV Light :

Using only the finest quality materials, our UV lights are made to exacting standards and individually tested to ensure a long and highly productive working life.



## Jewelry Products :

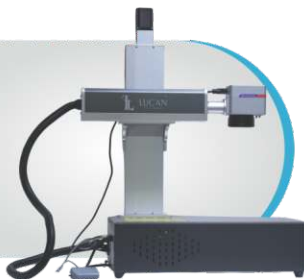
### 3D Scan :

A 3D scanning machine captures the physical dimensions of objects by collecting data on their shape, size, and texture. It uses various technologies like laser triangulation, structured light, or photogrammetry to create a digital 3D model.



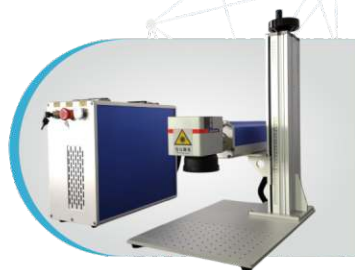
### laser Engraving :

A laser engraving machine uses a focused laser beam to engrave or mark materials like wood, metal, plastic, or glass. It operates by vaporizing a thin layer of the surface to create a permanent design, text, or (Image). These machines offer high precision, speed, and the ability to work with a wide range of materials, making them popular for personalization, manufacturing, and artistic applications.



### UV Laser Engraving :

UV laser Engraving machines are widely used in the jewelry industry for precision and high-quality marking. They allow for detailed engravings on delicate materials like gold, silver, platinum, and gemstones without causing damage. The technology enables customization, such as names, logos, or intricate designs, enhancing the uniqueness of jewelry pieces. UV lasers ensure non-contact marking, preserving the surface finish and integrity of the material. They are also efficient, eco-friendly, and ideal for creating durable, fade-resistant engravings.



## Other Products :

### Glass Media :

Glass beads and other forms of glass media are used in the jewelry industry for polishing and finishing delicate pieces. They are ideal for achieving a smooth surface and a shiny finish without damaging intricate designs.



### Zircon Media :

Zircon-based media, such as zirconia beads, are used for aggressive polishing and deburring. They are highly durable and effective for polishing harder metals and gemstones, making them suitable for precision work in high-end jewelry.





## VMC :

VMC (Vertical Machining Center) with a Mazak controller is a CNC machine used for precision milling operations. It allows automated control of tools for complex machining tasks like drilling, cutting, and shaping materials. The Mazak controller provides advanced programming, user-friendly interface, and high-speed processing capabilities, ideal for producing detailed parts in industries like aerospace, automotive, and manufacturing. It ensures accuracy, efficiency, and versatility in metalworking.



## CNC :

CNC machine with a FANUC controller is a computer-controlled machining tool used for precise manufacturing tasks such as milling, turning, and drilling. It operates by executing programs written in G-code to automate movements of tools based on the design specifications. FANUC controllers are known for their reliability, ease of use, and advanced features like high-speed processing. These machines are commonly used in industries like automotive, aerospace, and metalworking for mass production and complex parts.



## Company's Manufacturing :

Our job work service machine is equipment used in manufacturing or production industries to perform specific operations on a job or workpiece, often as part of a contract or outsourced service. It helps in executing tasks like cutting, shaping, assembling, or finishing, and is typically used for small batches or customized parts, providing flexibility and efficiency in production processes.



## WE OFFER WIDE RANGE OF SERVICES :



We deliver a wide-range of technology & machine manufacturing services including rapid proto-typing, rapid tooling, low volume manufacturing including plastic Injection moulding, CNC machining, silicone heat compression, aluminum pressure die casting, aluminum extrusion etc.

## WE OFFER ALL-IN-ALL SOLUTION :



We offer services from designing to manufacturing, supply to installation, commissioning to after-sales-service.

We believe in supporting our customers across the world.

***LET US COME ON YOUR EXCITING PRODUCT DEVELOPMENT  
JOURNEY AND BE YOUR PARTNER IN EXCELLENCE***

## :: SOLUTION ::

With an experienced team and a proven track record, we offer complete mechanical solutions that are both robust and cost efficient no matter what your development demands may be! We address customized needs of industry requirements for Diamonds, Textiles, Medical, Automobile, Robotics, Electronics, Startups etc..

Understand requirement

1

2

Discuss Internally for Customized Solutions

Designing & Proposal

3

4

Finalization & Order Placement

Production

5

6

Quality Check

Delivery

7



## Founder Statement

"GREAT THINGS IN BUSINESS ARE NEVER DONE BY ONE PERSON. THEY'RE DONE BY A TEAM OF PEOPLE"

- Rakesh Pansuriya  
Founder - Lucan Techno

### FEEDBACK FORM



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