

*INDIA'S No. 1*

***Fastest Growing***

*Laser Machine Manufacturer*



 **DOLPHIN<sup>®</sup>**  
LASER MACHINE PVT.LTD

**WANT LASER ???  
ONLY DOLPHIN**



## Journey of Dolphin 2016 to Present

- Dolphin Founded on 14th January 2016, Dolphin Laser began its journey inspired by the vision of our Honourable Prime Minister Shri Narendra Modi ji's **"Make in India"** initiative.
- Today, with a state-of-the-art **1,00,000 sq. ft.** manufacturing facility in Ahmedabad, Gujarat, we deliver world-class laser solutions in cutting, welding, marking, engraving, cleaning, and automation — proudly serving industries across India and in **20+ countries** worldwide.

### Director's Message

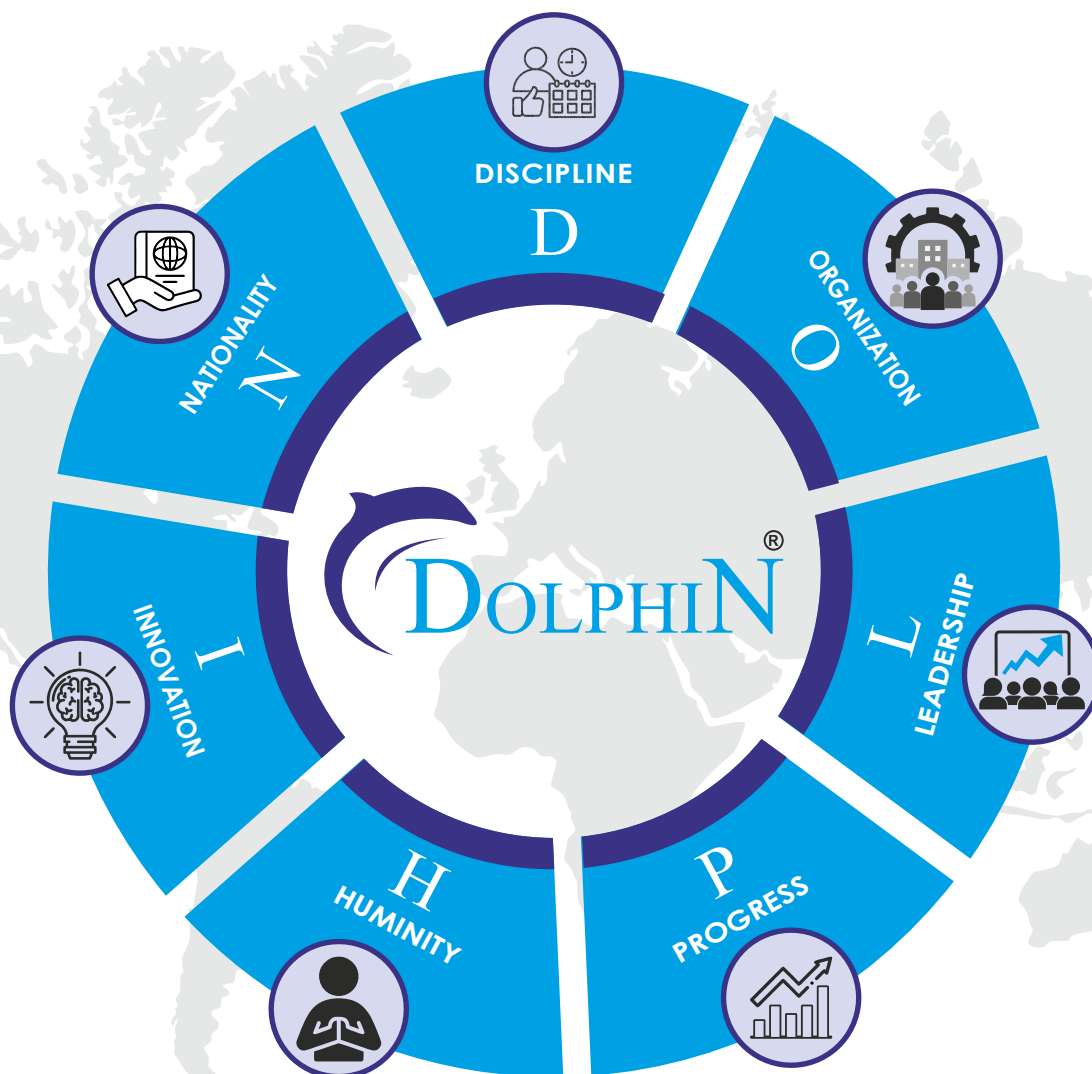
At Dolphin, our mission is to deliver advanced laser technology with unmatched precision and service excellence. Every milestone we achieve is a testament to the **hard work, innovation, and trust of our dedicated team and valued customers.** Together, we continue to build a brand that reflects excellence, reliability, and the true spirit of **"Made in India."**

**Viral Antala** Founder & CEO





## Core Value



FIBER LASER MARKING  
MACHINE Series...

**DOLPHIN**<sup>®</sup>  
LASER MACHINE PVT.LTD



\*VECTOR DESIGN\*

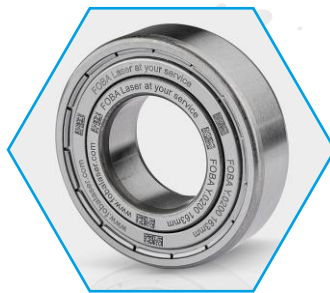


## WHICH MATERIALS YOU CAN MARK !!

SS, MS , ALUMINIUM , CAST IRON, PLASTIC,  
GOLD , SILVER,PLATINUM, COATED GLASS, BRONZE,  
TITANIUM, COPPER, BRASS & More...

## SPECIFICATION

|                  |                                                    |
|------------------|----------------------------------------------------|
| Working Area     | 100x100, 175x175, 220x220, 300x300 MM & Customized |
| Laser Type       | Fiber Laser                                        |
| Laser Power      | 30, 50, 60, 100, 200 W                             |
| Operating System | Windows 10                                         |
| Supported File   | PLT, DXF, BMP, JPG, GLF, PNG.                      |
| Working Volt     | Single Phase 220-230V/50HZ (Earthing Req)          |



## CUSTOMISE LASER MARKING MACHINE

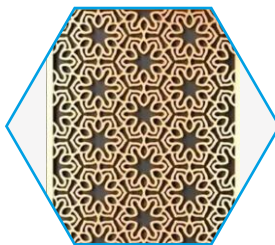
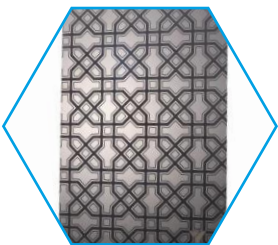


### SPECIFICATION

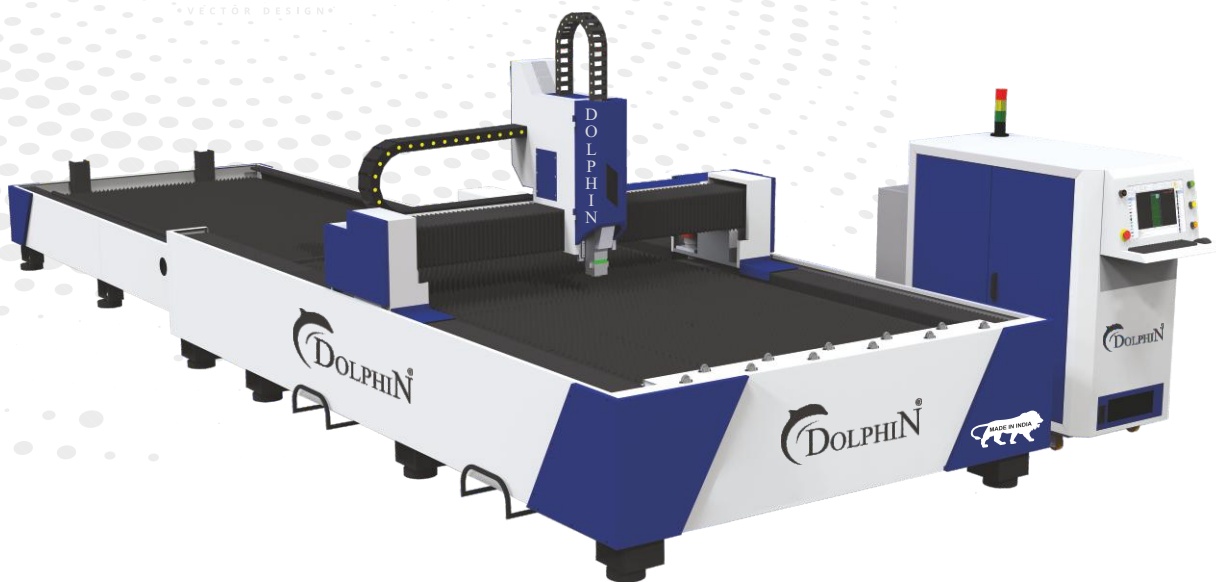
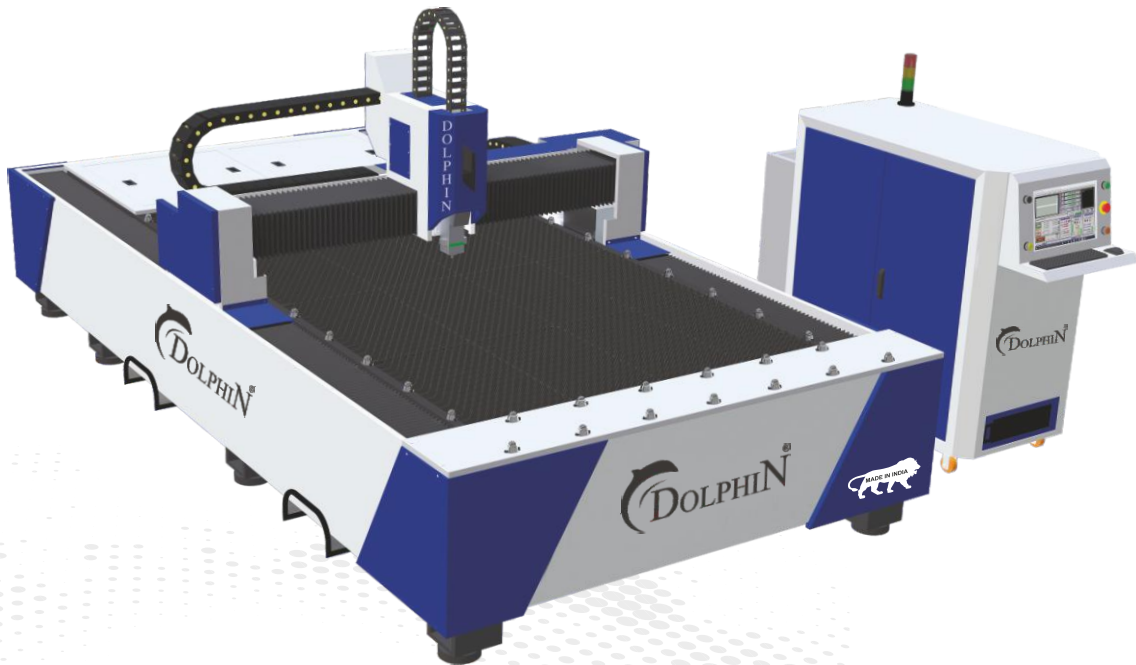
|                    |                                                                      |
|--------------------|----------------------------------------------------------------------|
| Laser Type         | Fiber Laser                                                          |
| Laser Working Area | 600×600 · 900×900 · 1200×1200 · 1300×2500 · 1500×3000 mm & Customize |
| Laser Power        | 30, 50, 100, 200 W                                                   |
| Pulse Repetition   | 1-1000 kHz                                                           |
| Pulse Width        | 2-500 ns                                                             |
| Cooling            | Air                                                                  |
| Continuous Marking | Encoder synced motion for stitching free large graphics              |

### Application

- Elevator sheets (SS304/316): branding, patterns, deep engraving
- Large signage & architectural panels
- Coating/oxide removal; glass surface cleaning



**FIBER LASER CUTTING  
MACHINE Series**



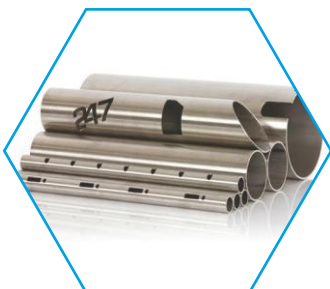
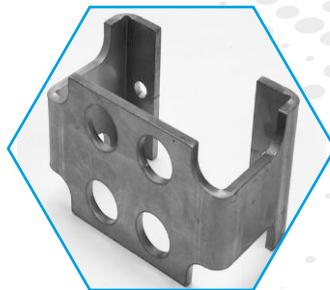
**Dual Pallet Machine**



## SPECIFICATION

### Close Body Machine

|                          |                                                             |
|--------------------------|-------------------------------------------------------------|
| Laser Type               | Fiber Laser                                                 |
| Working Area             | 1500x3000, 1500x4000, 2500x6500, 2500x13000 MM & Customized |
| Laser Power              | 1500, 2000, 3000, 6000, 12000, 20000 W                      |
| Laser Head               | Autofocus                                                   |
| Servo Motors             | Panasonic, Yaskawa                                          |
| Rack & Pinion            | YYC (Taiwan)                                                |
| Pneumatics Parts         | SMC (Japan)                                                 |
| Maximum Travelling Speed | 120M/Per Min.                                               |



## PIPE LASER CUTTING MACHINE



### SPECIFICATION

|                   |                                             |
|-------------------|---------------------------------------------|
| Length x Width    | 6000 x 200 mm                               |
| Chuck size        | 220 mm (110, 350 mm & Optional)             |
| Y-Axis Travel     | 6000 mm                                     |
| X-Axis Travel     | 500 mm                                      |
| Pipe Type         | Round, Reacta, Square, i Channel, C Channel |
| Position Accuracy | 0.03 mm/m                                   |
| Transmission Type | Dual Rack and Pinion                        |

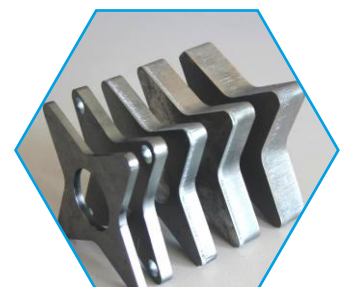


## SHEET + PIPE LASER CUTTING MACHINE



### SPECIFICATION

|                               |                                                            |
|-------------------------------|------------------------------------------------------------|
| Laser Type                    | Fiber Laser                                                |
| Working Area                  | 1500x3000, 2000x4000, 2000x6000, 2500x6500 MM & Customized |
| Laser Power                   | 1500, 2000, 3000, 6000, 12000, 20000 W                     |
| Laser Head                    | Autofocus                                                  |
| Servo Motors                  | Panasonic, Yaskawa                                         |
| Rack & Pinion                 | YYC (Taiwan)                                               |
| Pneumatics Parts              | SMC (Japan)                                                |
| Maximum Travelling Speed      | 120M/Per Min.                                              |
| Chuck Diameter Rang (mm)      | 20 - 220                                                   |
| Working Area (LengthxWidth)   | 6000x200 mm                                                |
| Y-Axis Travel                 | 6000 mm                                                    |
| X-Axis Travel                 | 500 mm                                                     |
| Position Accuracy             | 0.03 mm/m                                                  |
| Repeated Positioning Accuracy | 0.02 mm/m                                                  |



## FIBER LASER WELDING MACHINE

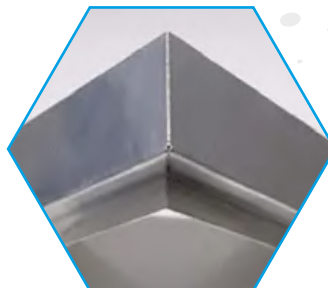
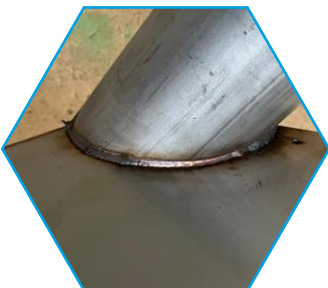


### WHICH MATERIALS YOU CAN WELD !!

STAINLESS STEEL, MILD STEEL, ALUMINUM

### SPECIFICATION

|                         |                                                               |
|-------------------------|---------------------------------------------------------------|
| Laser Power             | 1500, 2000, 3000, 6000 W                                      |
| Operational Power       | 1 Phase (230V-50Hz), 1500, 2000 W, 3 Phase (440V-50Hz) 3000 W |
| Wobble Weld Width       | 0.5 to 5 mm (Optional 10 mm)                                  |
| Material Weld Thickness | 0.5 to 10 mm                                                  |
| Wire Feeder Type        | Single, Double, Four Wire                                     |
| Fiber Cable Length      | 10 Meters                                                     |
| Parameter Presets       | 100 +                                                         |
| Cooling Style           | Water Cooling                                                 |

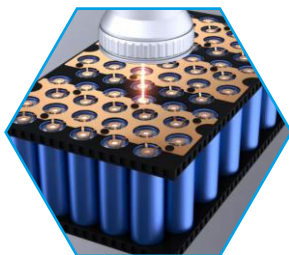
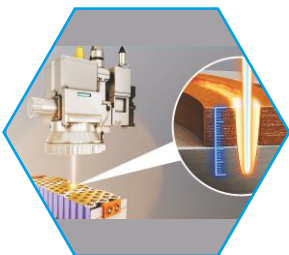


## BATTERY WELDING LASER MACHINE



### TECHNICAL DATA

|                |                                         |
|----------------|-----------------------------------------|
| Laser Power    | 3000 W, 6000 W                          |
| Wavelegth      | 1070 $\pm$ 10 nm                        |
| Working Field  | 600 x 600 / 900x900 / 1200x1200/ Custom |
| Spot Size      | 0.3-1.0 mm                              |
| Max Scan Speed | up to 8 m/s.                            |
| Repeatability  | $\leq 20$ $\mu$ rad                     |
| Cooling        | Water - Cooled                          |
| Interfaces     | Ether Cat, XY2- 100, I/O                |



### Application

- EV Battery Tab & Busbar Welding (Cu/Al)
- Dissimilar Metals (Al-Cu)
- Electronics: Connectors, Fuses, Terminals

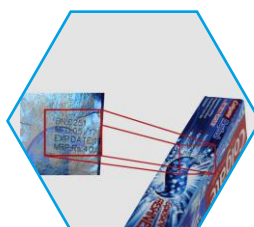
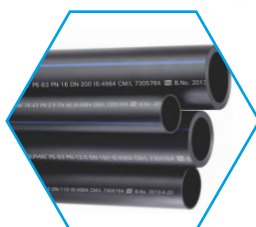


## Applications

- PVC PIPE, UPVC PIPE, HDPE PIPE
- AGRO PIPE, IRRIGATION PIPE
- PVC GARDEN PIPE
- DRIP IRRIGATION PIPE
- LDPE IRRIGATION PIPE
- AGRICULTURAL PIPE
- WIRE, PETBOTTLE, FMCG...

## SPECIFICATION

|                |                                                                        |
|----------------|------------------------------------------------------------------------|
| Laser Type     | Fiber Laser, Co2 Laser, UV Laser                                       |
| Laser Power    | 30 W (Optional 60, 100 W), 30 W (Optional 60W), 5 W (Optional 10/15 W) |
| Supported File | PLT, DXF, JPG, PNG                                                     |
| Marking Speed  | 1 to 300 Min / Meter                                                   |
| Working Volt   | Single Phase 220-230V/50HZ (Earthing Req)                              |



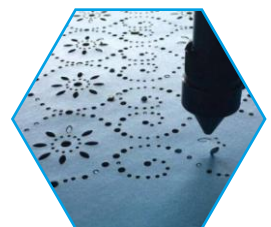
## Applications

- Acrylic Cutting
- MDF Cutting
- Gift Artical
- Leather Cutting
- Stone Engraving
- Fabric Cutting
- Rubber Engraving
- Trophy
- Sign Board



## SPECIFICATION

|                |                                                                               |
|----------------|-------------------------------------------------------------------------------|
| Cutting Area   | 600x900, 1300x900, 1400x1000, 1600x1000, 1300x1300, 1300x2500 MM & Customized |
| Laser Tube     | 80, 100, 130, 150, 200 W                                                      |
| Laser Source   | Sealed Glass Co2 Laser Tube                                                   |
| Cooling System | Water Cooling                                                                 |
| Working Table  | Strip / Honey Comb                                                            |
| Optional       | Camera (CCD)                                                                  |
| Interface      | Udisk, Usb, Ethernet                                                          |
| Supported File | PLT, DXF, BMP, JPG, GLF, PNG.                                                 |
| Working Volt   | Single Phase 220-230V/50HZ (Earthing Req)                                     |



## Co2 Laser Engraving Machine



### SPECIFICATION

|                      |                                           |
|----------------------|-------------------------------------------|
| Engraving Area       | 150x150, 300x300 MM & Customized          |
| Laser Power          | 30, 60, 100 W                             |
| Laser Source         | Metal Tube With Air Cooled                |
| Power Adjustment     | 1 To 100%                                 |
| Engraving Accuracy   | <0.01                                     |
| Operating System     | Windows 10                                |
| Interface            | Udisk,Usb,Ethernet                        |
| Supported File       | PLT,DXF, BMP, JPG, GLF, PNG.              |
| Working Volt         | Single Phase 220-230V/50HZ (Earthing Req) |
| Optional Attachment  | Rotary Device                             |
| Dimension (LX W X H) | 3 x 2 x 4 Feet                            |
| Weight               | 125kg                                     |



## UV Laser Marking Machine



### Applications

- Mobile Accessories
- Electronic Components
- Cosmetic Industries
- Sensitive Material
- Glass Engraving
- Crystal Engraving
- PCB Engraving
- Semi Conductor
- Ceramic Engraving
- Paper Board
- Polymer Material
- Coating Film



### SPECIFICATION

|                       |                                           |
|-----------------------|-------------------------------------------|
| Working Area          | 100x100, 175x175, 300x300 MM & Customized |
| Laser Power           | 5, 10, 15 W                               |
| Supported File        | PLT, DXF, JPG, PNG.                       |
| Working Volt          | Single Phase 220-230V/50HZ (Earthing Req) |
| Dimension (L X W X H) | 3 x 4 x 4 feet                            |
| Weight                | 150kg                                     |



## 3D Engraving



### SPECIFICATION

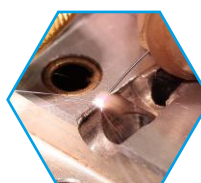
|                  |                                   |
|------------------|-----------------------------------|
| Laser Type       | Fiber Laser                       |
| Laser Power      | 60 W Optional 80 W, 100 W         |
| Working Area     | 100x100 mm                        |
| Supporting Files | PLT, SVG, DXF JPEG, BMP, PNG etc. |

## Die Mould Welding



### SPECIFICATION

|                       |                        |
|-----------------------|------------------------|
| Laser Type            | 400 W                  |
| Laser Wavelength      | 1064 NM                |
| Power Adjusting Range | 1~200 A                |
| Working Table Size    | 600x600 mm & Customize |
| Electric Requirement  | Three Phase            |



## Jewellery Cutting Machine

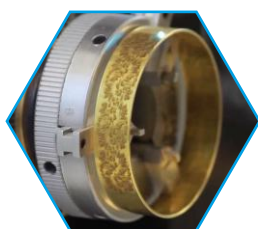


0%  
LOSS  
FOSS



### SPECIFICATION

|                     |                                           |
|---------------------|-------------------------------------------|
| Laser Type          | German Source                             |
| Cutting Size        | 100x100 MM & Customized                   |
| Cutting Depth       | 0.01 Micron - 1.5mm                       |
| Optional Attachment | Rotary / Fume Extractor                   |
| Working Volt        | Single Phase 220-230V/50HZ (Earthing Req) |



## Jewellery Soldering Machine



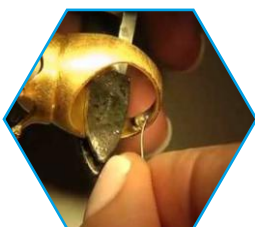
### One Stop Solution for Jewellers

- NEW CREATIVE MAKING JEWELLERY
- FASTER PRODUCTION
- SAVES MAN POWER TIME
- NO RISK JEWELLERY DAMAGE



### SPECIFICATION

|                      |                                           |
|----------------------|-------------------------------------------|
| Laser Type           | ND Yag Pump Lamp                          |
| Laser Power          | 200 W (100, 400 W)                        |
| Solder Joint         | 0.2 - 2mm                                 |
| Optional Attachment  | CCD                                       |
| Working Volt         | Single Phase 220-230V/50HZ (Earthing Req) |
| Dimension (LX W X H) | As per Customized                         |



## Applications



**Automobile**



**Pump**



**Valve**



**Bearing**



**Engineering**



**Utensils**



**Hardware**



**Pharma**



**Surgical Instrument**



**Tool & Toolings**



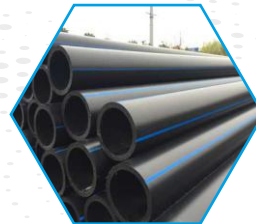
**Led**



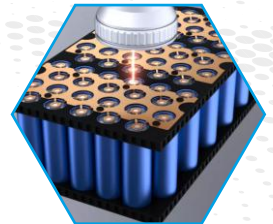
**2D & 3D Die**



**Cable & Wire**



**Pipe**



**Battery Welding**



**Jewellery & Imitation**



**Pipe Fittings**



**Optical**



**Mobile Accessories**



**FMCG**



**Sheet Metal**



**Elevators**



**Gift & Article**



**Advertising**



**Fabric**

Dolphin Family



Production



**DOLPHIN**<sup>®</sup>  
LASER MACHINE PVT.LTD

www.dolphinlasermachine.com

22



Note....

\*VECTOR DESIGN\*

## Our Network



➤ **5500+**  
Installed  
World Wide



➤ **150+**  
Indian  
Government  
Installed



➤ **20+**  
Exports  
Countries



 **DOLPHIN**<sup>®</sup>  
LASER MACHINE PVT.LTD



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