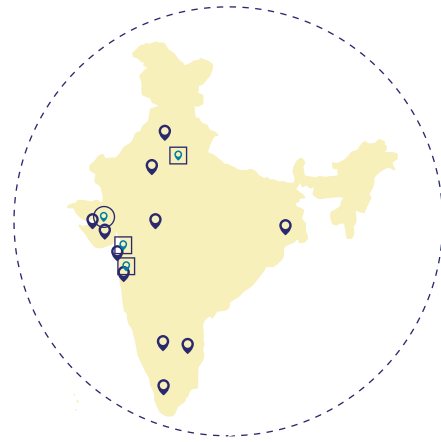


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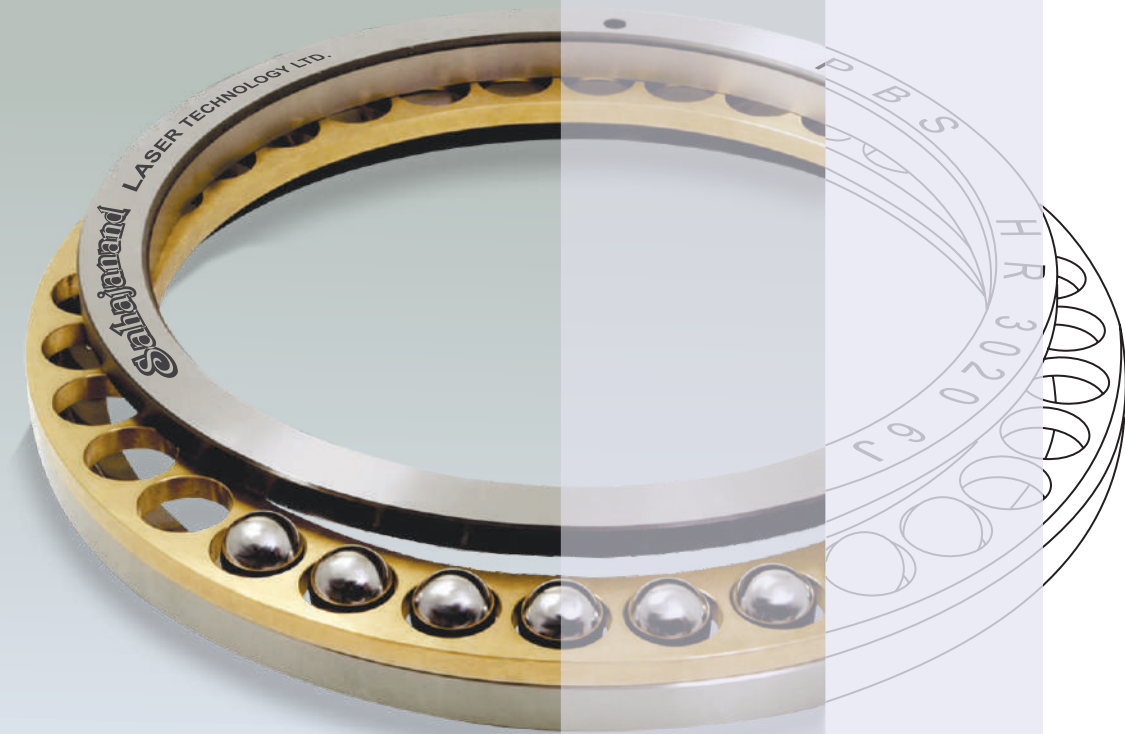
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Innovative Laser Marking System



AKSHAR FIBER PRO -ULTRA

AKSHAR FIBER PRO -ULTRA

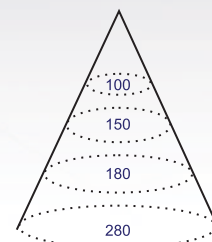
Features

Applications



Specification

MACHINE MODEL	AKSHAR FIBER-PRO			
CLASS	F10	F20	F30	F50
OUTPUT POWER (W)	10	20	30	50
WAVELENGTH	1060 - 1070 nm			



MARKING AREA

SUPPLIED MORE THAN 10000 SYSTEMS

Akshar Fiber-pro is the world's latest marking system using most advanced laser pumping technology. With a sharp beam structure, it is best suited for fine and small graphic and character marking application. These machines are the best combination of speed, accuracy and versatility. Taking into consideration ergonomics of application, the machine is designed aesthetically for optimum utility. With varied applications in the industry, Akshar Fiber-pro holds its own in affordability, adaptability, comfort in usage, power efficiency, stability and in-house software. Performance of Akshar Fiber-pro makes your factory its next home.

Optional Accessories

- Panel A.C.
- Fume suction
- Rotary Device
- X-Y axis manual / motorized
- Actuator motorized
- Automations
- Indexing table
- Conveyor belt
- Pick & place
- CE Compliant

Software

The software - MARK PRO for laser marking has been developed completely in-house.

- ADVANCED PLATFORM GUI (Graphical User Interface)
- Serial Number Marking
- Circular Marking
- DXF, PLT, BMP, JPG Compatible
- 1D & 2D Barcode marking
- Support of Automation
- Integrable with ERP System

- Extremely sharp beam profile for superficial and deep marking.
- Motorized axis for faster focusing.
- Ergonomically designed for faster production speed.
- Compact in size.
- High speed engraving and marking.
- User friendly software Mark-pro.
- Laser safety window.
- Color Marking.

Para Vault

A new generation feature where-in virtual vault is created for storing the best laser marking parameters of previously marked materials. With a single click, machine will fetch the past data and automatically focuses the surface and sets the laser parameter for marking. This not only saves lot of time in the set-up trials but also maintain consistent quality of the marking.

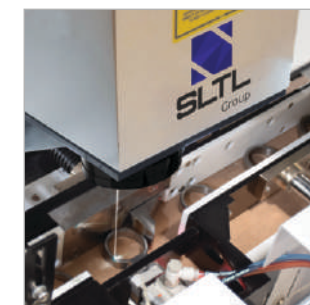
Para Matrix



Para matrix helps in determining the best laser marking result on any given material. In this, the operator evaluates the para matrix and selects the best one. Then laser parameters are fetched by the software for that particular option. This feature helps even those who have very less knowledge about laser marking machine operation.

- Accessories
- Automotive components
- Clocks & watches
- Jewellery hallmarking
- Electric Appliances
- Glass frames
- Logos
- Communication equipments
- Graphical patterns
- Electrical components
- Medical instruments
- Machine tools
- PVC pipes
- Construction materials
- Plastic buttons
- Precision equipments
- Integrated Chips

Automation



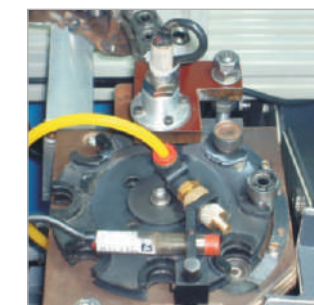
BEARING

- Loading / Unloading conveyor
- Positioning and centering device for marking
- Oil slusher unit
- Storage conveyor
- Rotary indexing for periphery marking on top surface
- Cone measurement



PISTON RING

- Single / Dual feeder mechanism
- OD / ID sensing mechanism
- Automatic OK / NOT OK segregation
- Ring collecting & aligning unit



NOZZLE & AUTO ANCILLARY

- Rotary indexing mechanism
- Vibro feeder for auto loading
- Pick N Place mechanism
- 1D & 2D Barcode marking & reading



IMAGE SENSING

- Measurement / Inspection of piston rings OD / ID, Liner / cylinder, piston, etc.
- Bearing inspection system
- 3D object mapping / scanning / measurement system
- Auto Inspection & Segregation System