



SAHAJANAND LASER TECHNOLOGY LTD.

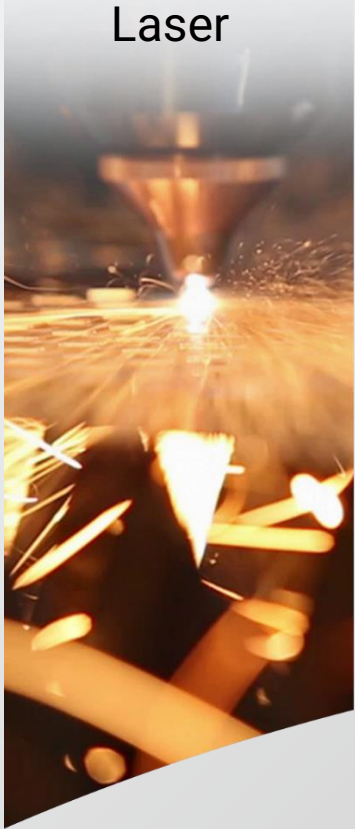
**PHOTONICS FOR DIVERSE APPLICATIONS
LEADING THE WAY TO INNOVATION**

Dr. Arvind Patel



GROUP TODAY

Industrial
Laser



Diamond
Processing



Medical
Devices



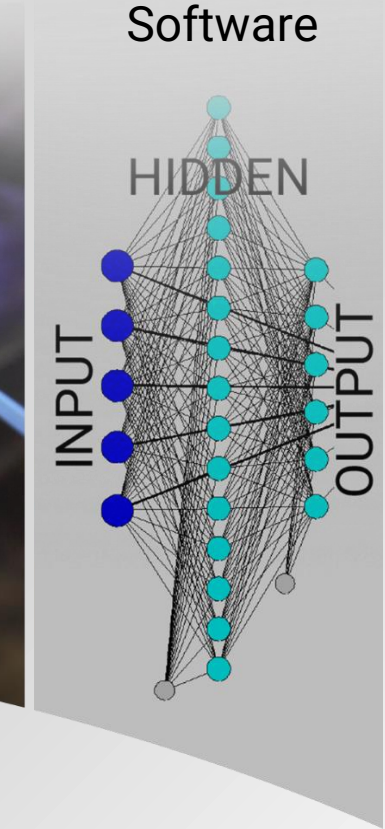
Defence &
Space



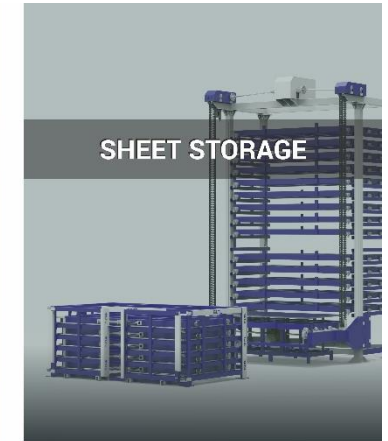
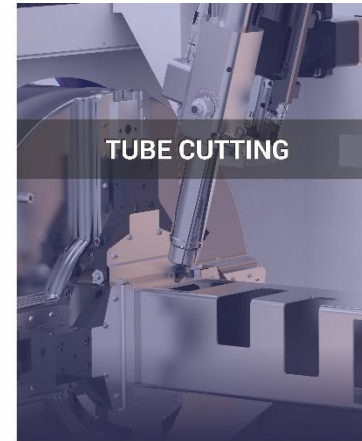
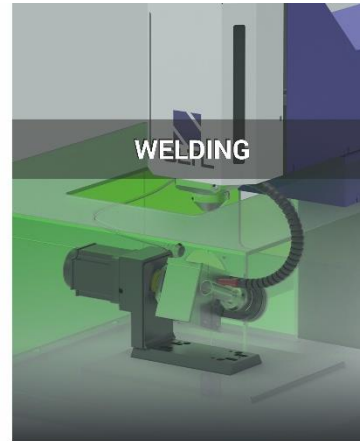
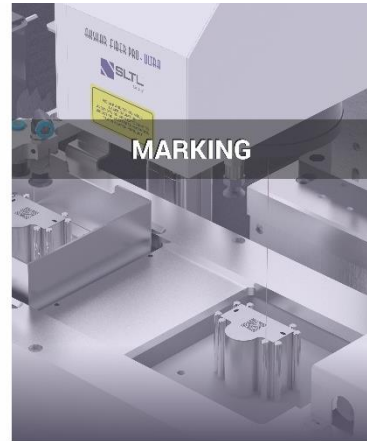
Renewable
Energy



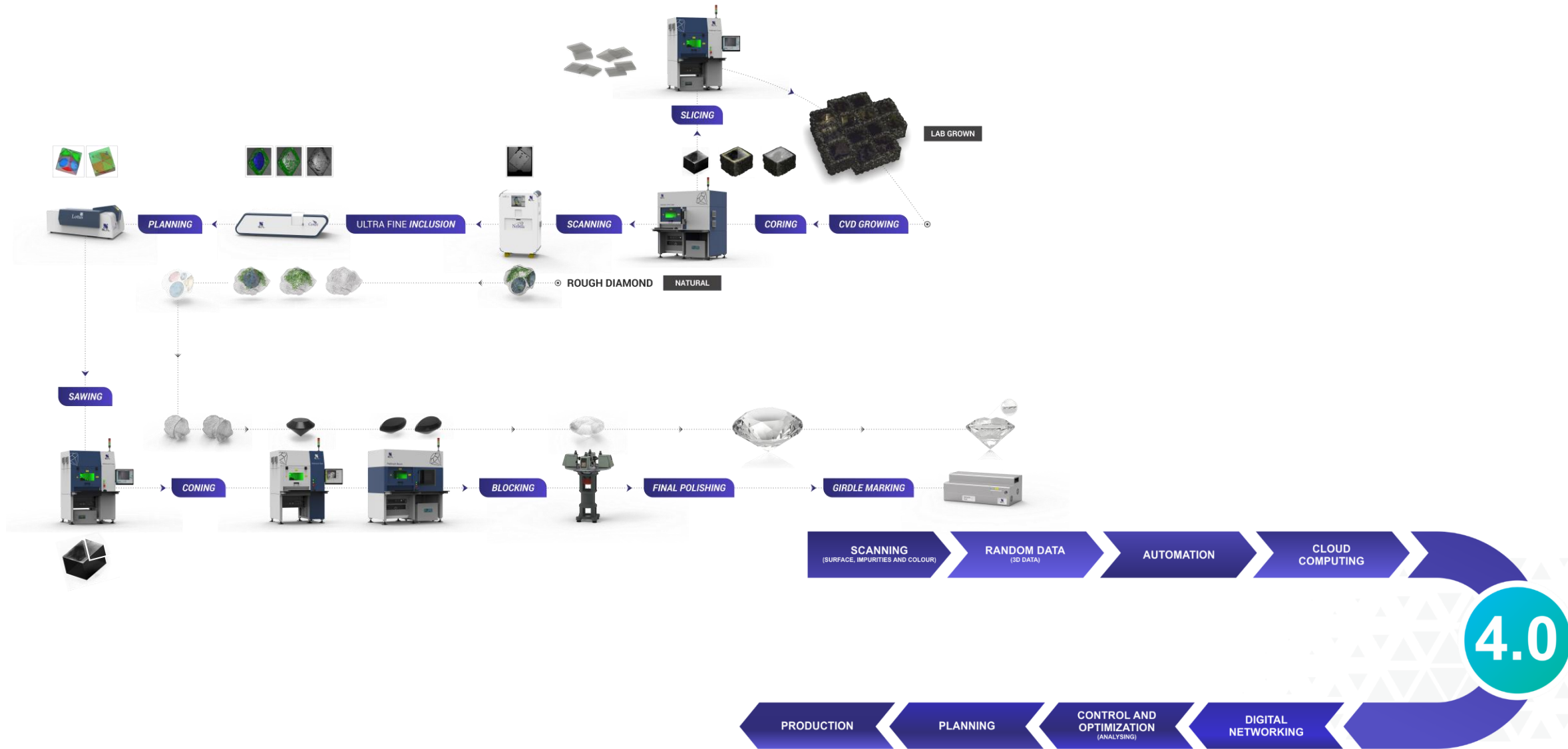
Hi-Tech
Software



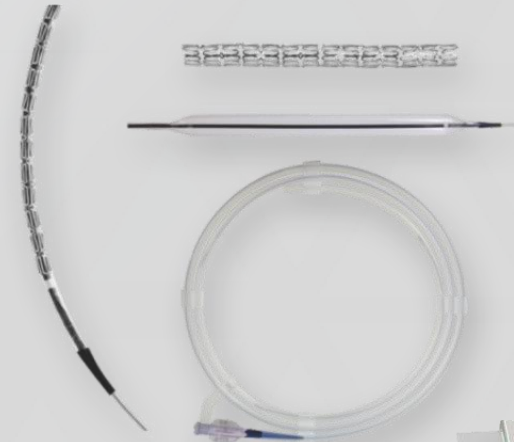
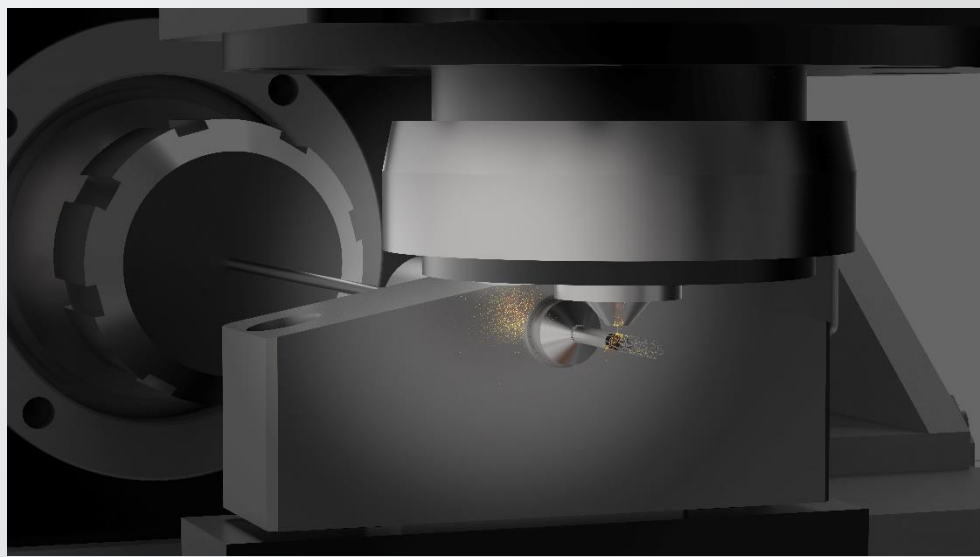
INDUSTRIAL SOLUTIONS



DIAMOND – ONE STOP SOLUTION



MEDICAL APPLICATIONS



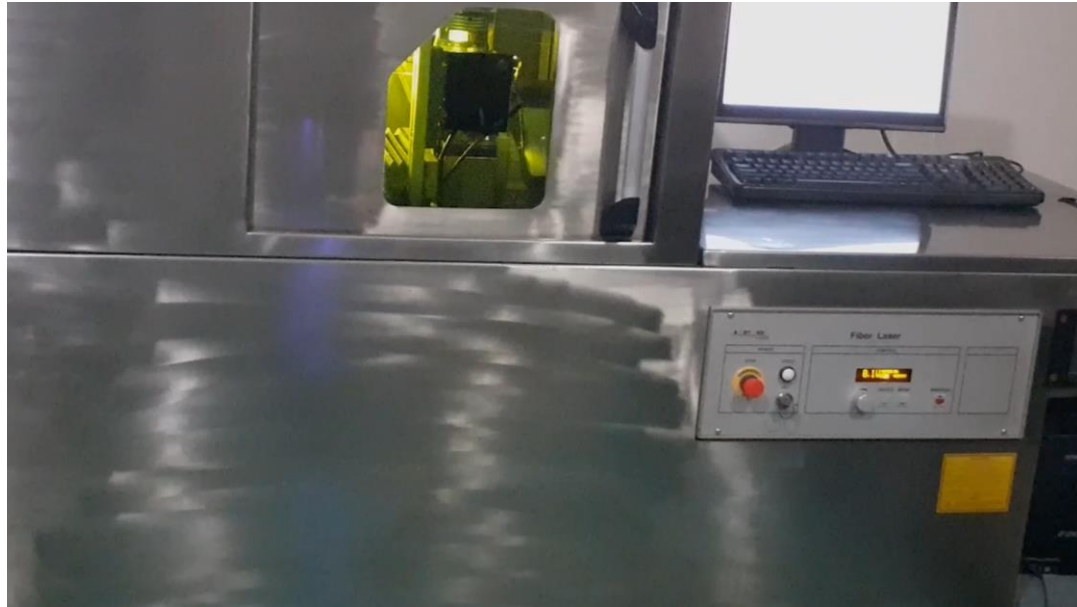
Balloon
Manufacturing



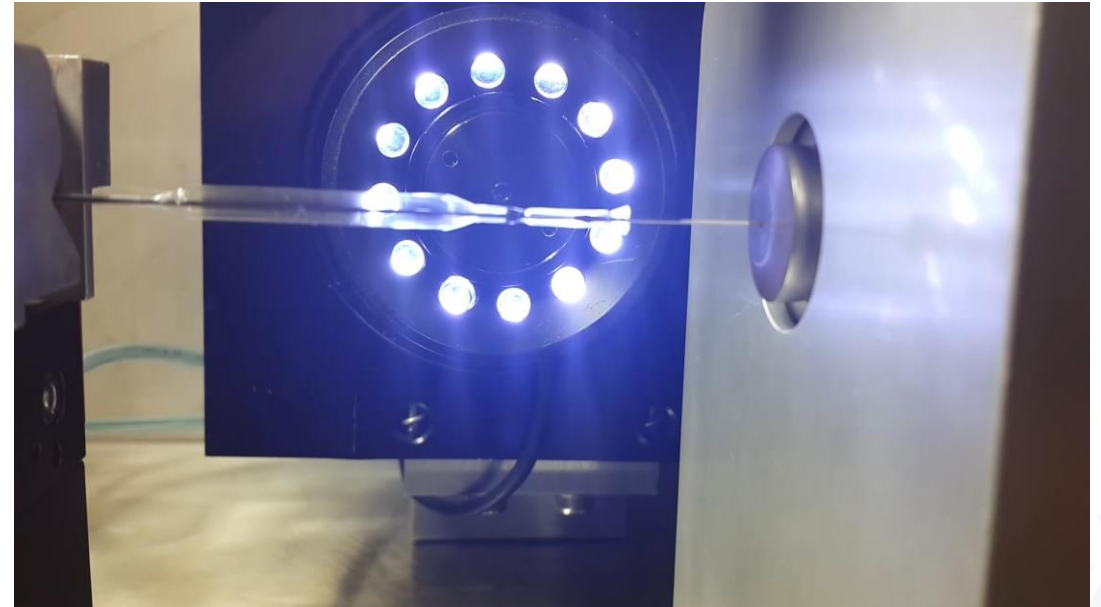
Stent Manufacturing

MEDICAL APPLICATIONS

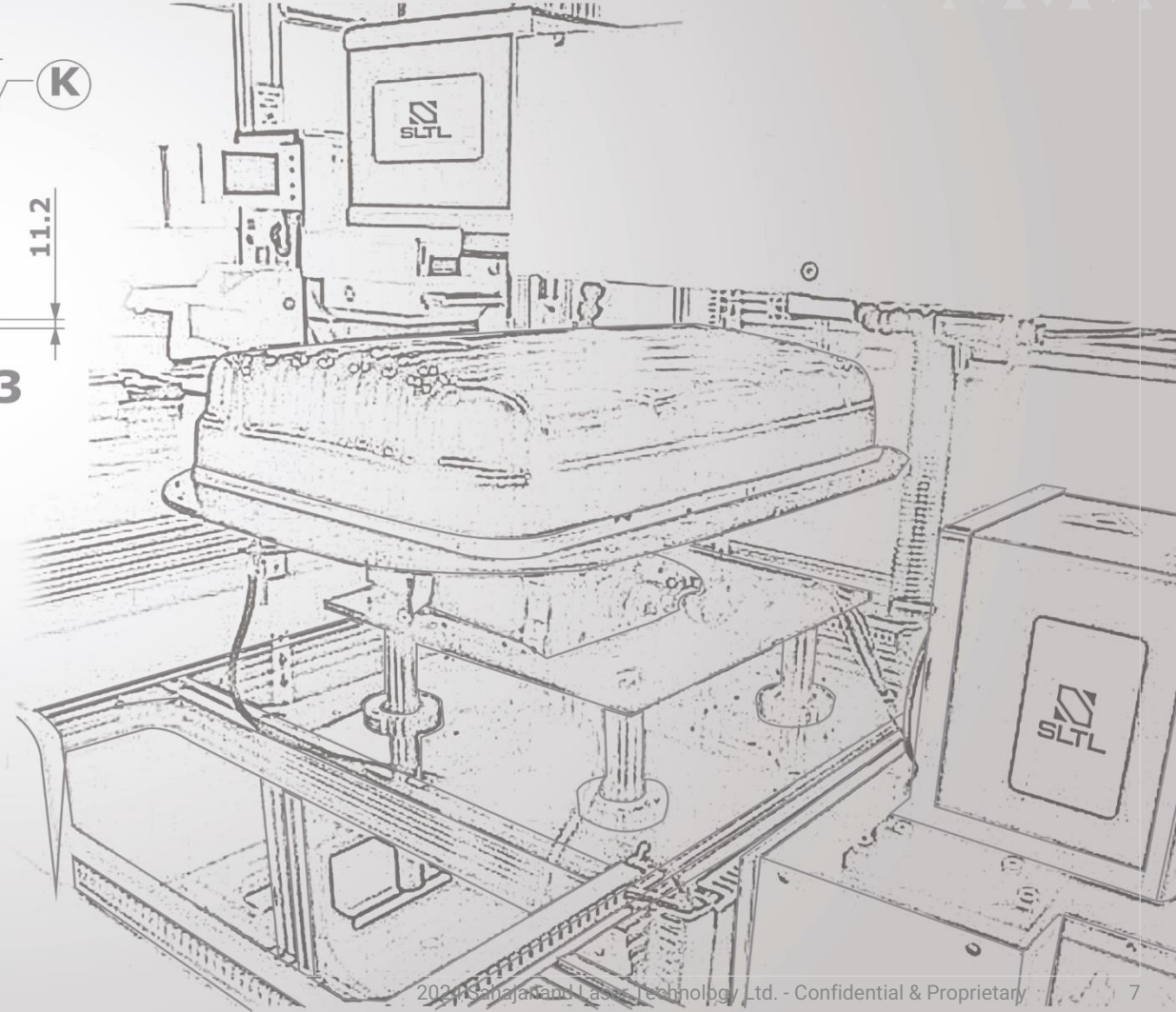
STENT CUTTING



BALLOON WELDING



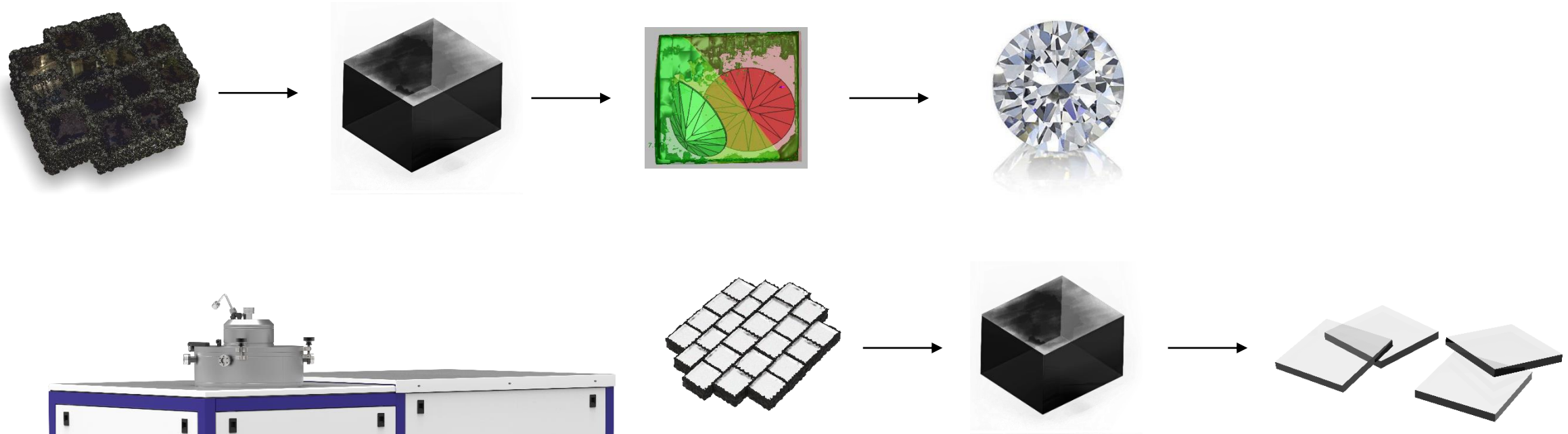
COMPOSITE CUTTING AUTOMATION



COMPOSITE CUTTING AUTOMATION



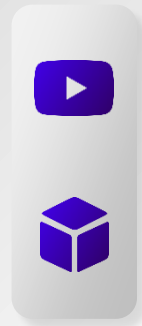
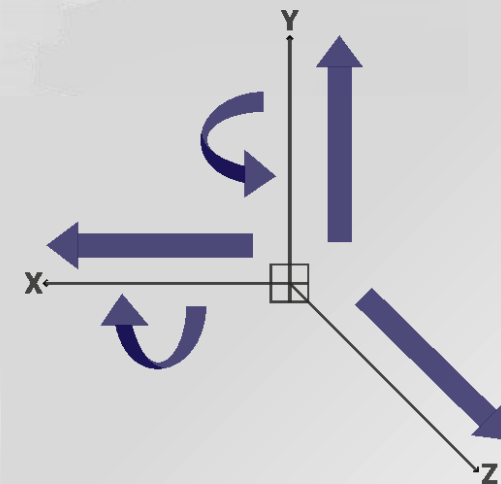
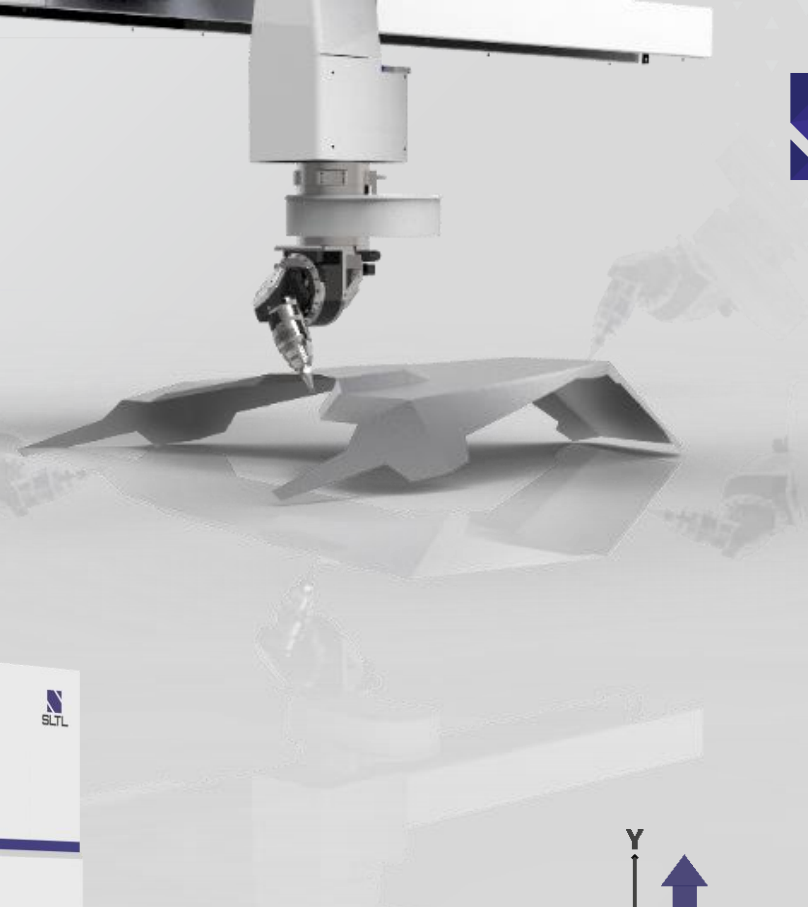
CVD GROWING



#LaserExperts | @SLTLGroup

X5 - FLEXIBLE LASER CUTTING SYSTEM

REDEFINING OPERATIONS





“
Dynamic beam 3D Laser cutting
& welding machine;
using Coherent
beam combining technology. ”

ON THE ROAD TO
VICTORY!

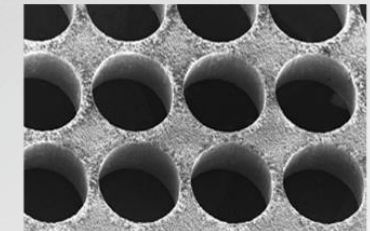
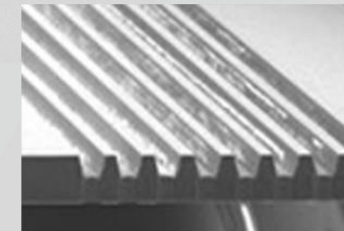
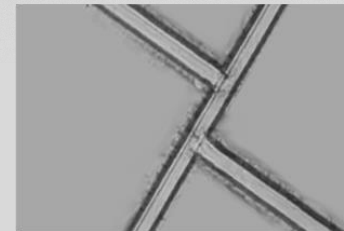
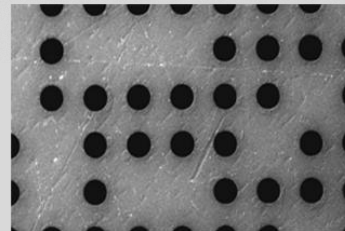
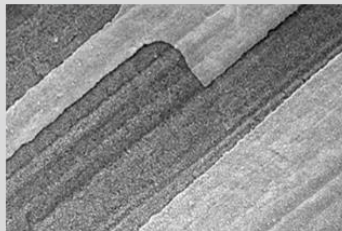
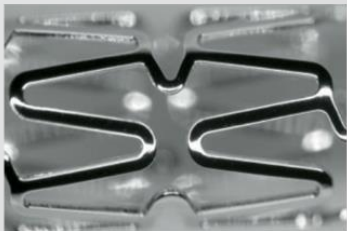
144kw

SLTL Group Developed

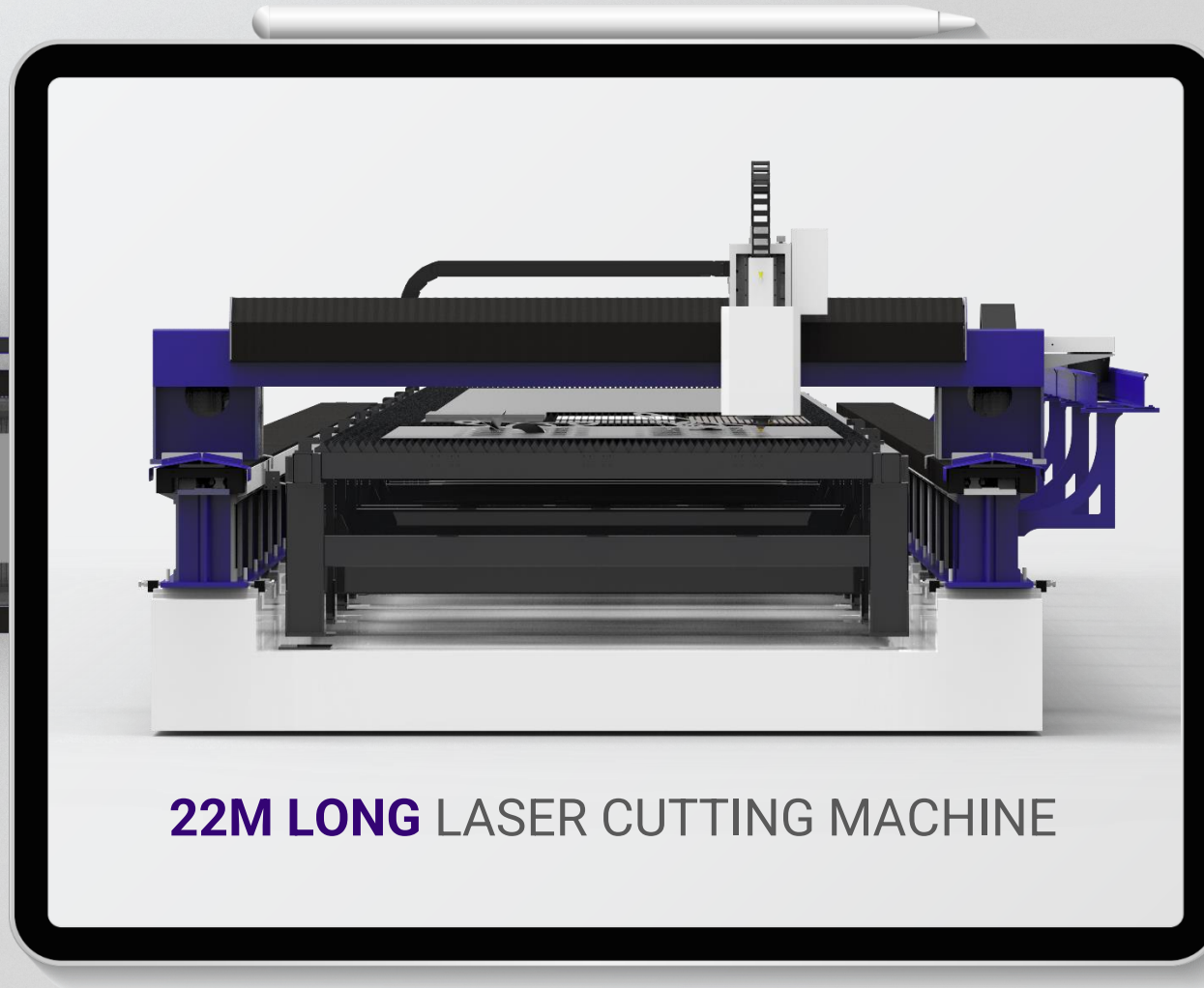


LASER MICROMACHINING & PRECISION SYSTEM

- ❖ Laser Micro Drilling
- ❖ Laser Micro Milling
- ❖ Laser Micro Cutting
- ❖ Laser Micro Patterning
- ❖ Laser Micro Scribing
- ❖ Laser Dicing



RAILWAYS RELY - ON SLTL



RAILWAYS RELY - ON SLTL

HIGH POWER LASER WELDING MACHINE

Faster. Stronger. Safer.
Train Coaches
WELDING QUALITY IS
ENSURED THROUGH



#LaserExperts | @SLTLGroup



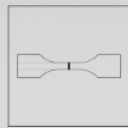
DYE PENETRATE
TEST



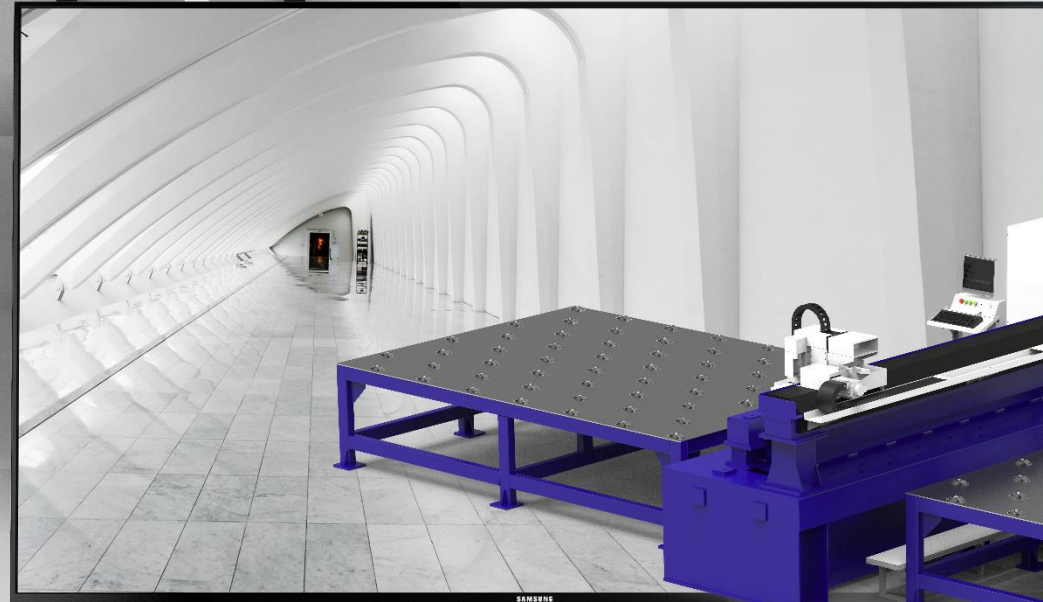
BEND
TEST



HARDNESS
TEST



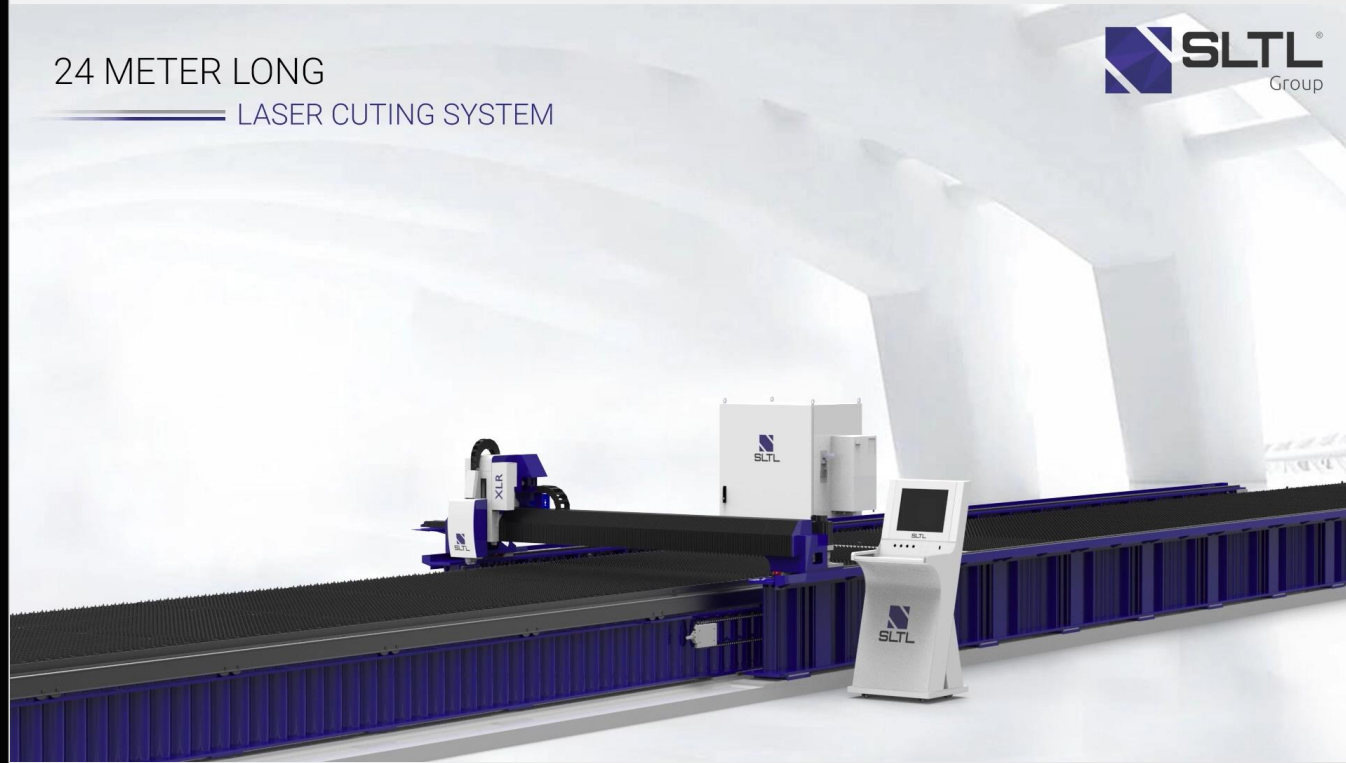
TENSILE
TEST



RAILWAYS RELY - ON SLTL



24 METER LONG
LASER CUTTING SYSTEM



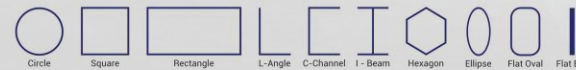
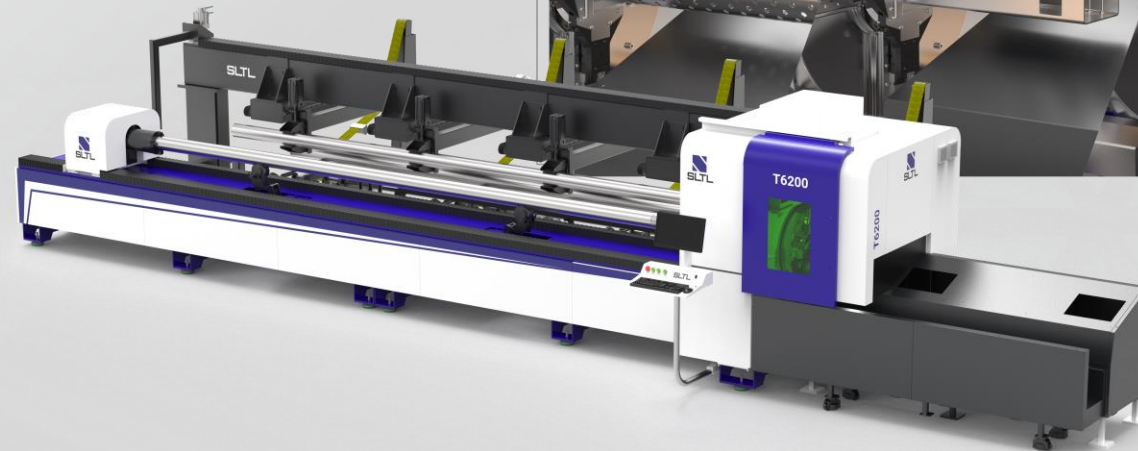
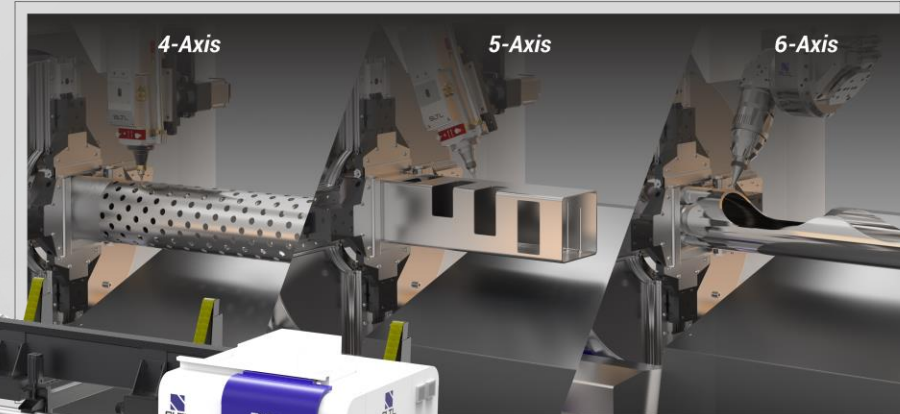
EMBRACING THE VERSATILE FIBER LASER TUBE CUTTING AUTOMATION

TO PROCESS ANGLES, OPEN PROFILES, AND SPECIAL SHAPED PIPES



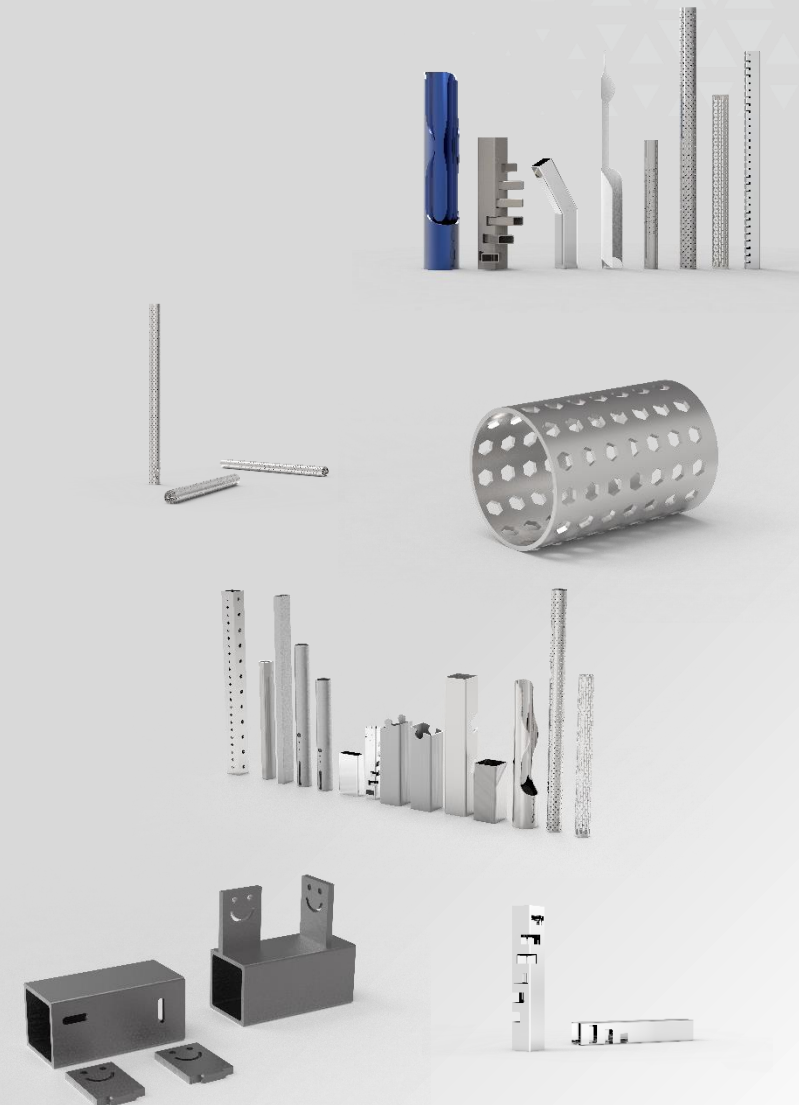
TECHNOLOGY ERA

Incorporating Internet of Things and Automations to Streamline Production Processes and Increase Operational Productivity



Experts | @SLTLGroup

TUBE CUTTING SYSTEM



QUANTUM TECHNOLOGY POWERING THE FUTURE AXAYAH URJA GASIFIER



QUANTUM TECHNOLOGY POWERING THE FUTURE
PIONEERING THE GREEN ENERGY FRONTIER
WITH CONCENTRATED RADIANT ENERGY

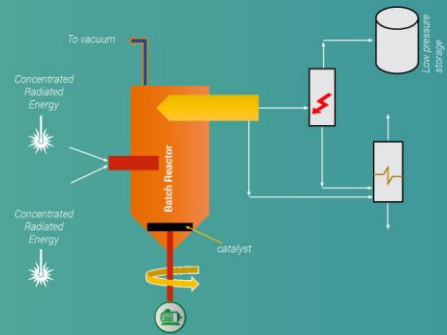
INDUSTRIAL
WASTE



AGRICULTURAL
WASTE



PHOTOLYSIS PROCESS



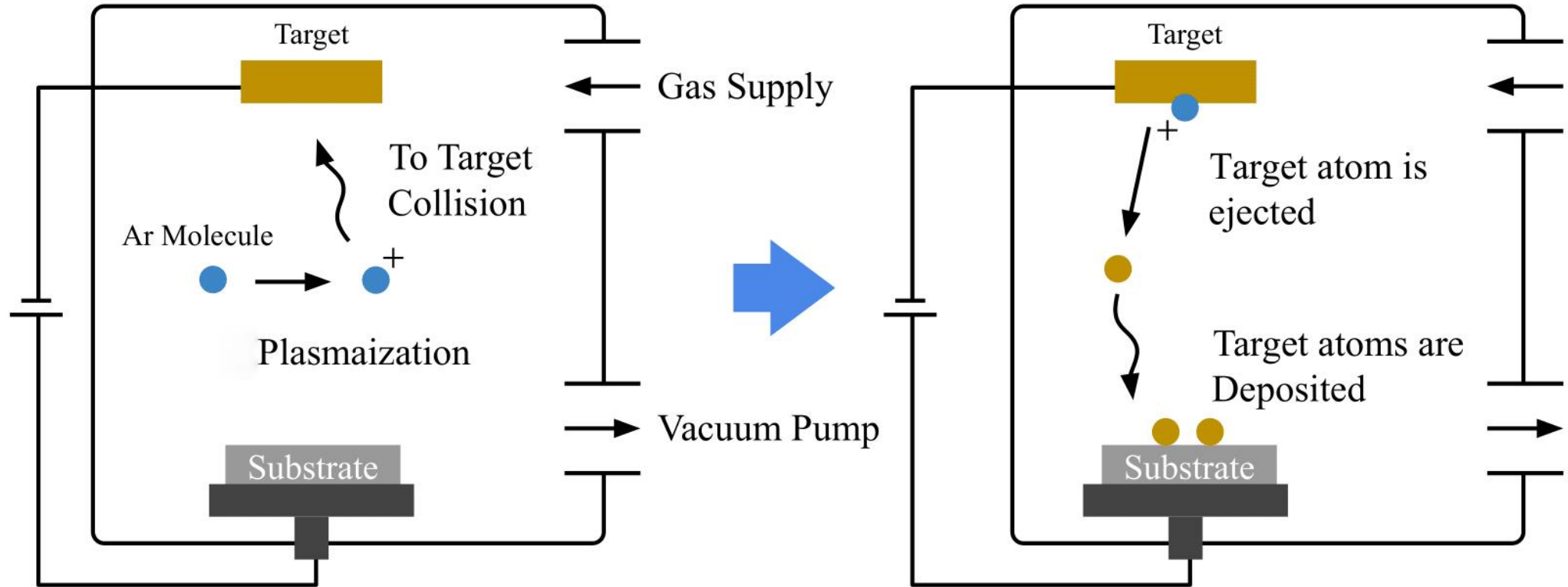
Axayah[®]



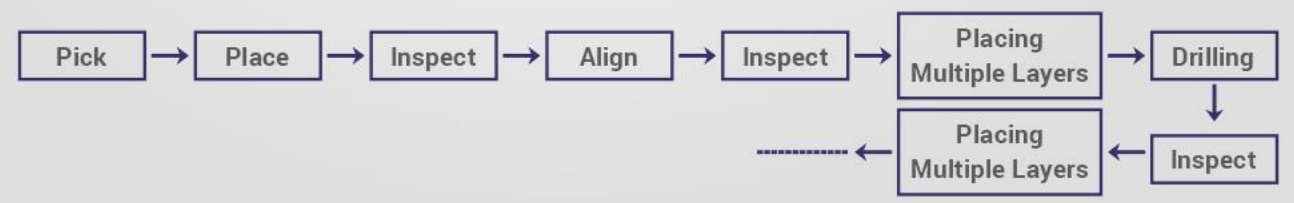
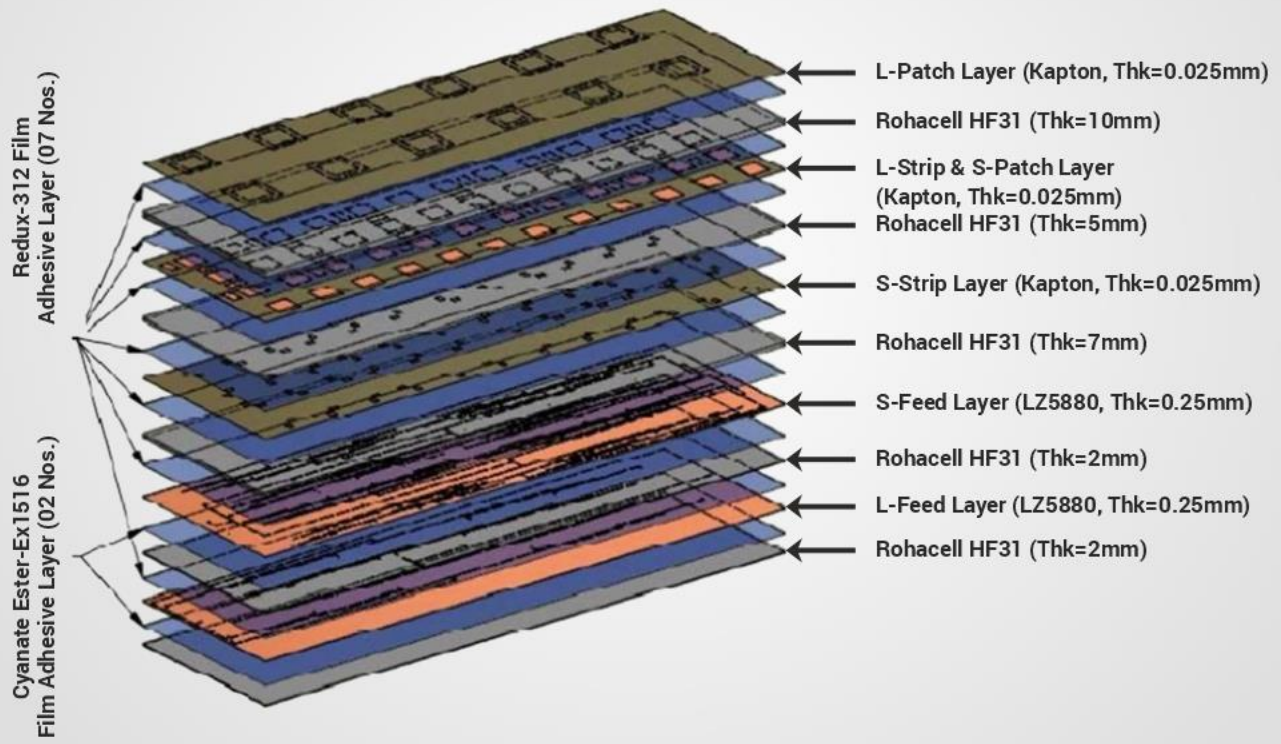
BIOGAS



RF SPUTTERING



11 AXIS SYSTEM DESIGNED FOR EXTREME PRECISION

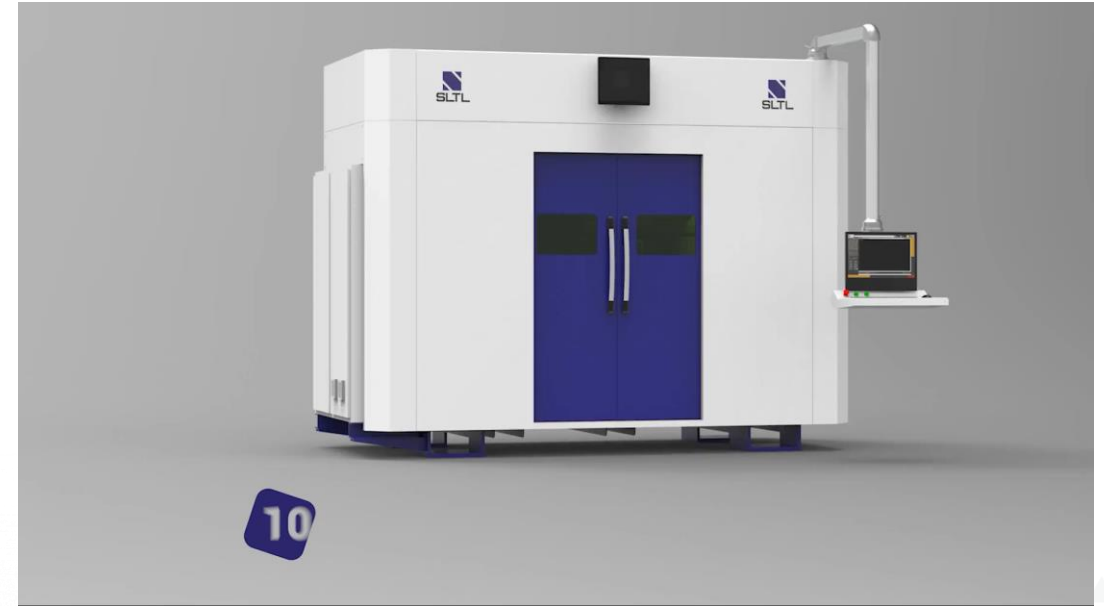
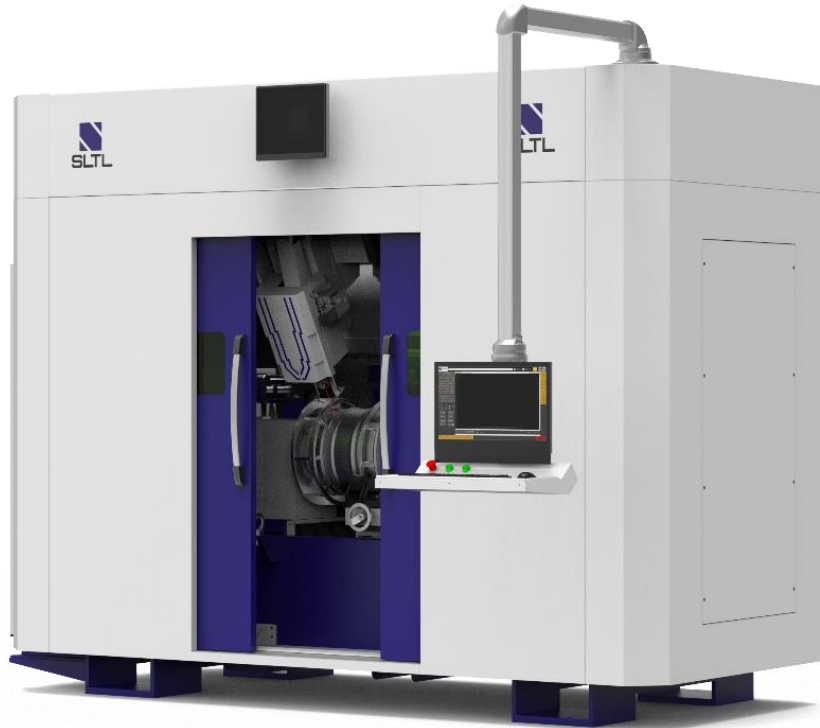


**TYPE OF MULTILAYER PRINTED
ANTENNA ASSEMBLY**

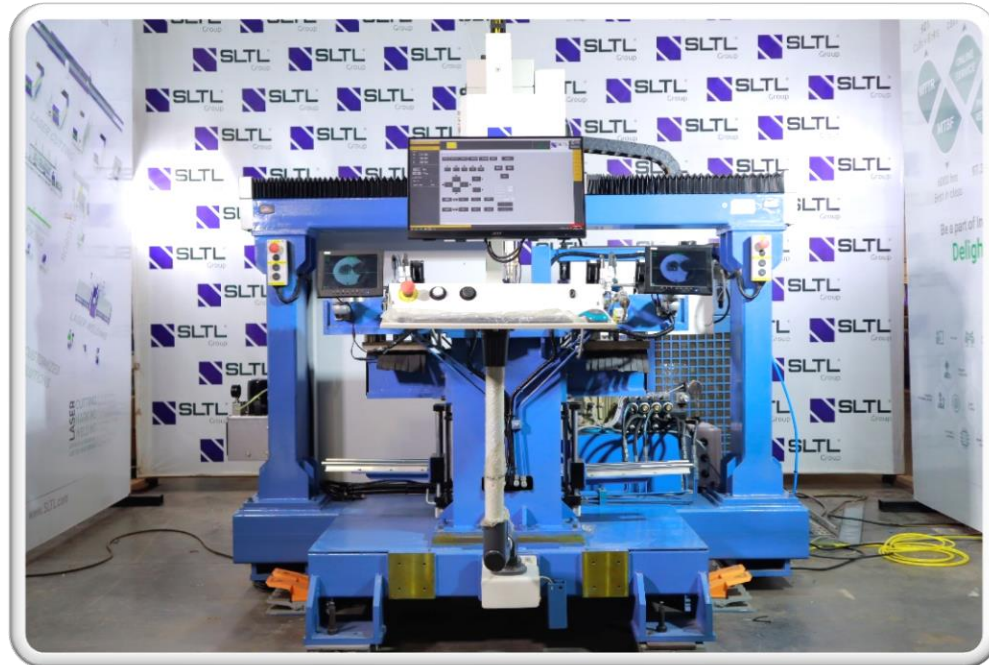
FABRIC CUTTING



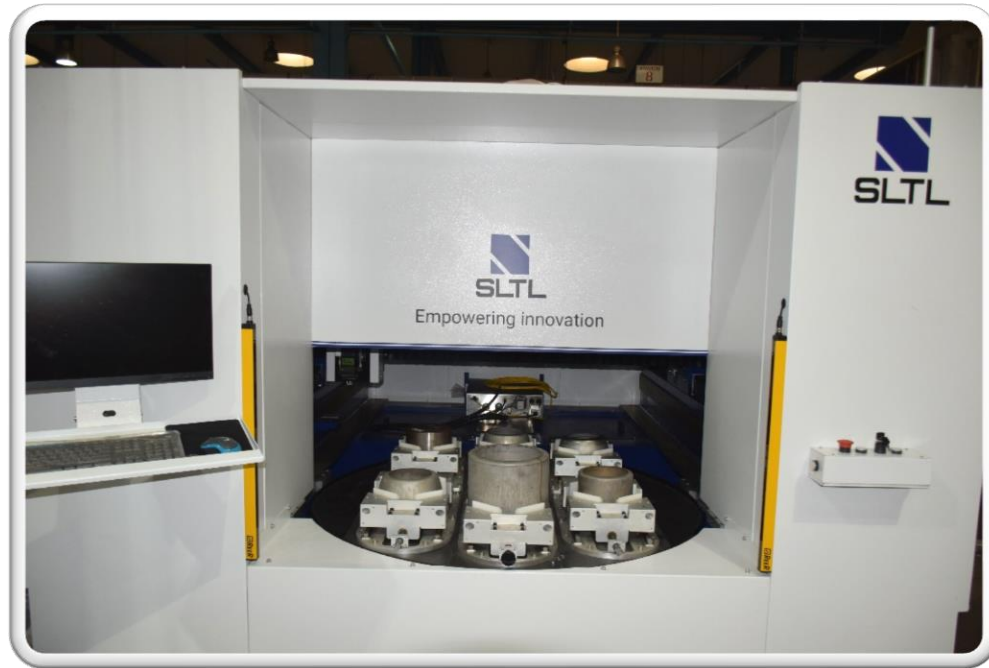
DRUM WELDING



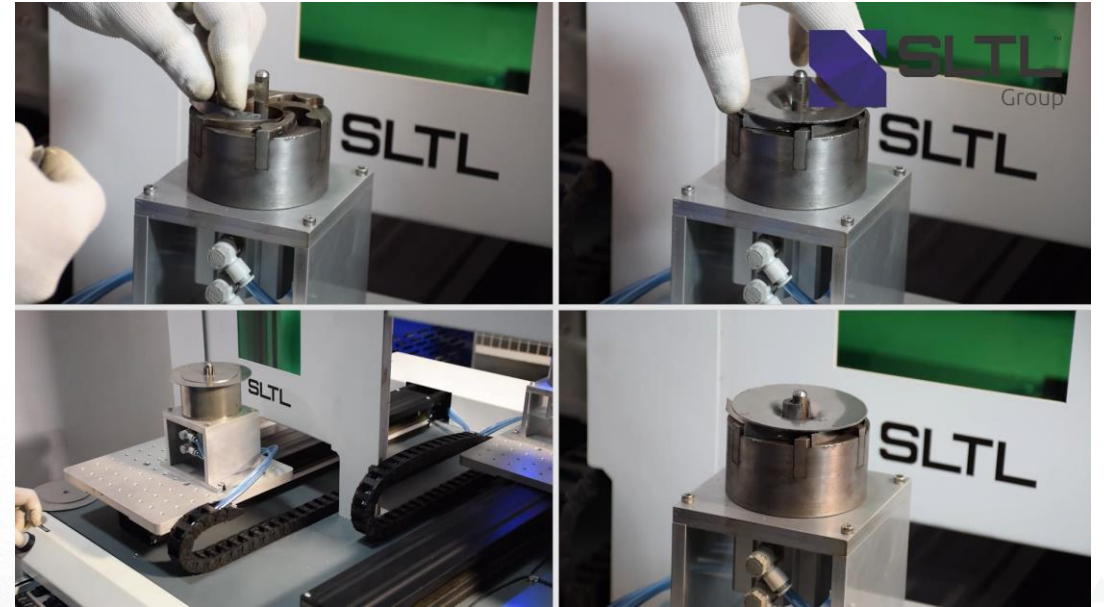
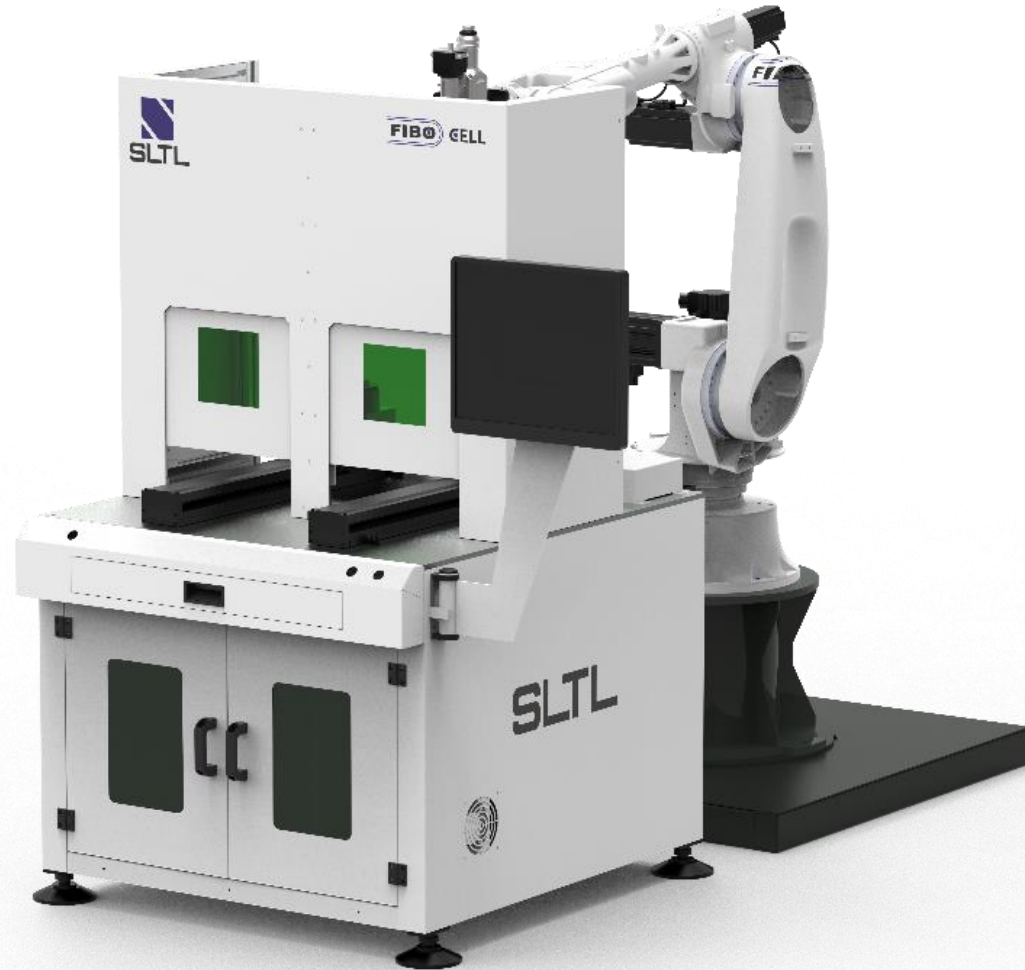
DUAL STATION - RING WELDING



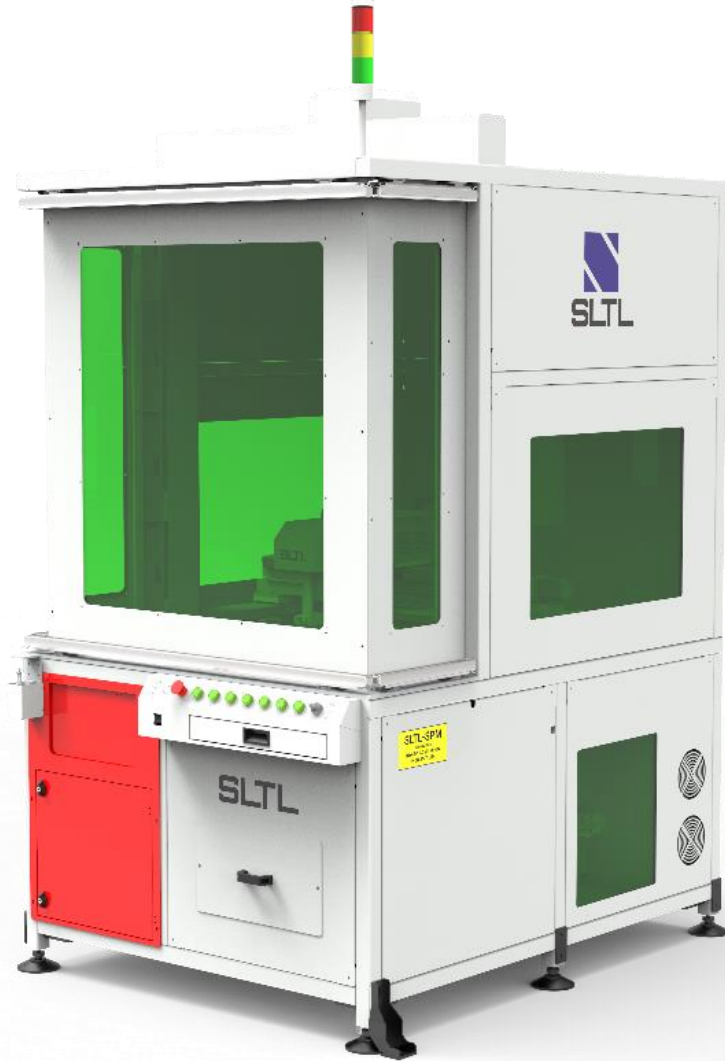
CUTTING AUTOMATION



IMPELLER WELDING



COMPOSITE MATERIAL CUTTING

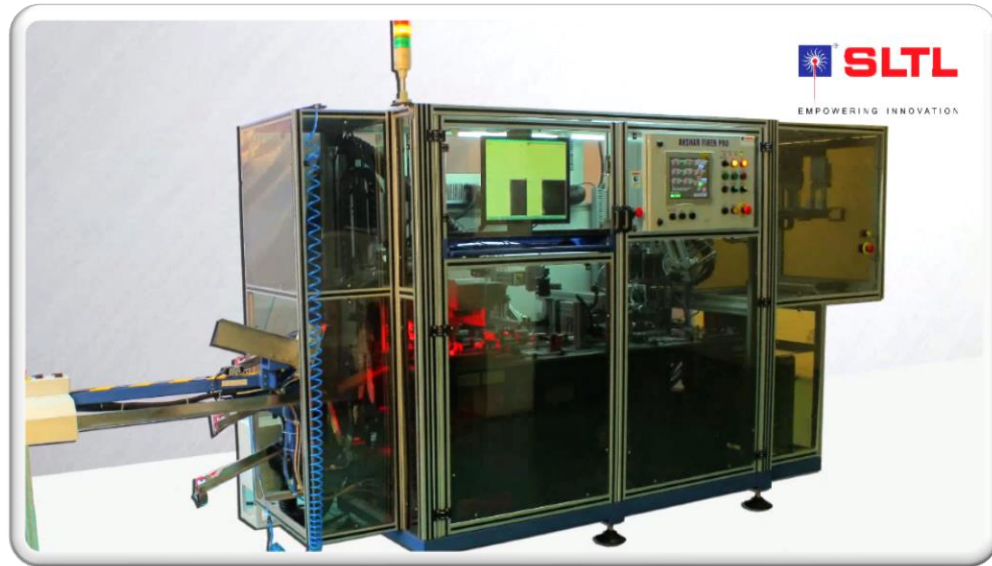


LASER CUTTING OF
COMPOSITE MATERIAL
FOR **AUTOMOTIVE AIRBAGS**
























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PISTON RING AUTOMATION



PRESENCE IN 45+ COUNTRIES

-  Algeria
-  Angola
-  Armenia
-  Australia
-  Bahrain
-  Bangladesh
-  Belgium
-  Botswana
-  Brazil
-  Canada
-  China
-  Czech Republic
-  DRC
-  France
-  Germany
-  Hong Kong
-  India
-  Iran
-  Israel
-  Italy
-  Kenya
-  Kuwait
-  Mauritius



-  Mexico
-  Namibia
-  Nepal
-  New Zealand
-  Poland
-  Qatar
-  Russia
-  Saudi Arabia
-  Scotland
-  Singapore
-  South Africa
-  South Korea
-  Sri Lanka
-  Switzerland
-  Thailand
-  Turkey
-  UAE
-  Ukraine
-  United Kingdom
-  USA
-  Vietnam
-  Zimbabwe



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**WORLD'S
FIRST**

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More Than
25000
Systems



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