



TECH LUSTER
Customer Focused. Service Excellence.

Design & Development

- Tooling and Fixtures
- Special Purpose Machine
- IOT Based Products
- New Turnkey Solution



ISO 9001:2015
CERTIFIED COMPANY

ABOUT US

TECH LUSTER ENGINEERING is the subsidiary of **TECH LUSTER GROUP**, having head office at Pune, India. We would like to introduce ourselves as a pioneer in modern clamping solutions and problem solvers for particularly tricky clamping situations as well as we are having the expertise in concept, design and develop any type of SPM which will help industries to increase the productivity. TECH LUSTER develops, designs and produces clamping devices for work holding on various types of machines such as milling, turning, hobbing, shaving as well as grinding and deliver service for them Globally.

We are constantly coming up with new and better solutions for our customers concepts. Even solutions that have previously been inconceivable and impossible to implement.

VISION

Drive business core values to develop a reliable brand to benefit a spectrum of industry and society by appending innovative concepts through "customer focused service excellence".

MISSION

Harness ingenious minds to offer customised engineering solutions with measurable positive impact on corporate productivity and today's modern society. Achieve "SUSTAINABLE" growth through symbiosis of technology, socioeconomic values and lowering environment footprint.



Precise Grinding Machine Fixtures



FLUTE GRINDING FIXTURE



IMPORTED MACHINE FIXTURE



IMPORTED MACHINE FIXTURE



IMPORTED MACHINE FIXTURE



SPECIAL FIXTURE MEETS ACCURACY LESS THAN 0.003 MM



GRINDING FIXTURE

Customised Magnetic V Blocks for CMM inspection (Reference Oriented Manufacturing)



MAGNETIC FIXTURES



SPECIAL MAGNETIC FIXTURE



REFERENCE BASED FIXTURE

Precise Gear Hobbing Fixtures



EIFCO MACHINE FIXTURE



EIFCO MACHINE FIXTURE FACE DRIVE



CHAMF MACHINE FIXTURE



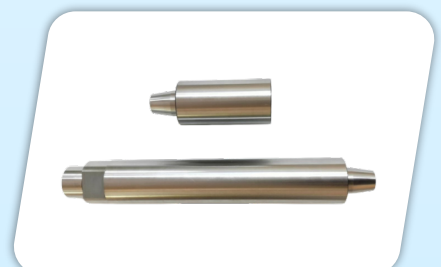
LIEBHERR MACHINE FIXTURE



LIEBHERR MACHINE FIXTURE



EIFCO MACHINE FIXTURE

Precise VMC Fixture**COLLET TYPE FIXTURE****DIFFCASE FIXTURE****VMC FIXTURE****Precise Collet with Runout Less than 0.005 mm****PRECISE COLLETS****HOBGING COLLETS****GRINDING COLLET****Chucks For CNC and Grinding****ID CLAMPING COLLET****ID CLAMPING COLLET CHUCK****OD CLAMPING CHUCK****Expanding Collet Mandrel****ZERO RUNOUT MANDRELS****SPECIAL MANDREL****FACE WORK OPERATION****Precise Center and Mandrel****HOB ARBOR****ZERO RUNOUT CENTER****ZERO RUNOUT MANDRELS**

SPECIAL PURPOSE MACHINE (SPM)

Special Purpose Machine (SPM) are those machine which are not available off the shelf. These are not Covered in standard manufacturing programs. Therefore those have to be designed & tailor made as Per the customers specific requirements. They are also called as bespoke machines.



MULTIPLE ACTUATOR TORQUE-RPM TESTING SPM



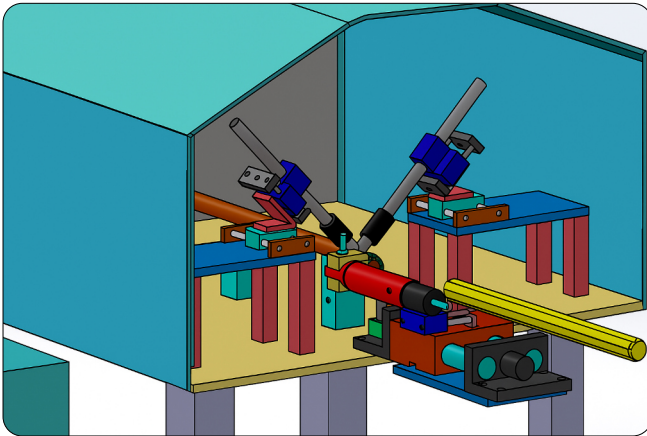
EV GEARBOX TESTING SPM



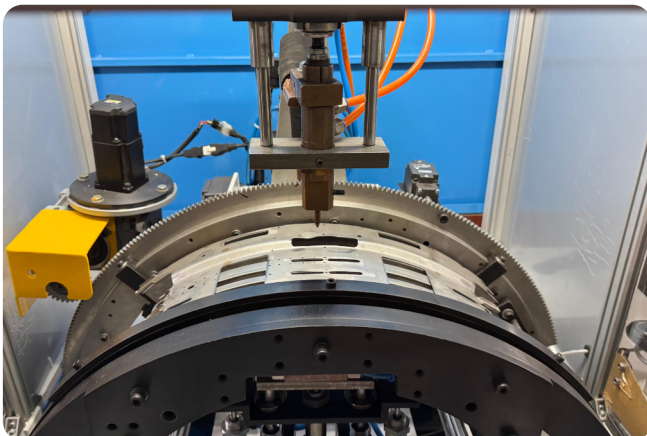
PROGRAMMABLE LIFECYCLE TESTING OF MORTISE LOCK - DOOR LATCH



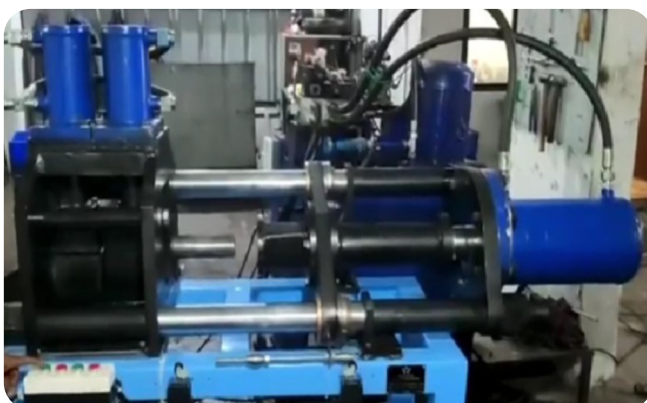
PROGRAMMABLE LIFECYCLE TESTING OF PADLOCK



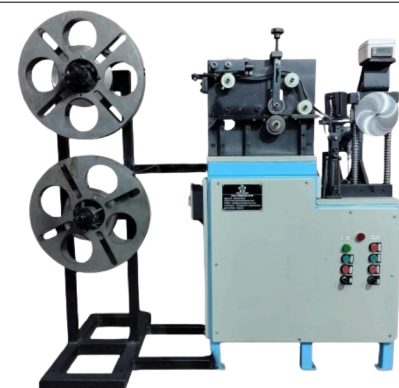
SERVO CONTROLLED CO2 WELDING MACHINE AUTOMATION



SPOT WELDING SPM AUTOMATION FOR AEROSPACE COMPONENTS

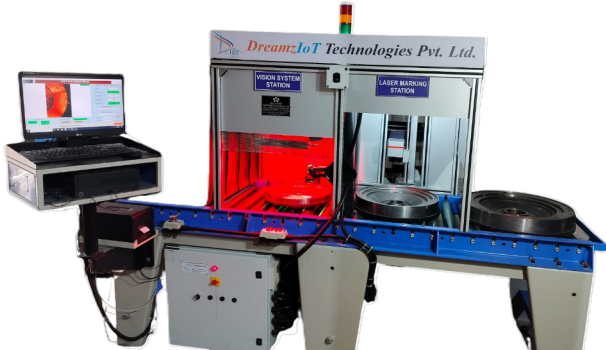


TUBE END SWAGING MACHINE



AUTOMATIC COIL WINDING SPM

VISION BASED TRACEABILITY AUTOMATION SYSTEMS



**VISION BASED CONVEYOR SYSTEM
FOR FLYWHEEL**



**POKA YOKE AND QR CODE PRINTING
STATION FOR ELBOW TYPE OF PART**



**PROGRAMMABLE CENTER POLISHING
MACHINE**



AUTO GEAR DEBURRING MACHINE



**PROGRAMMABLE OIL RECOVERY
SYSTEM**



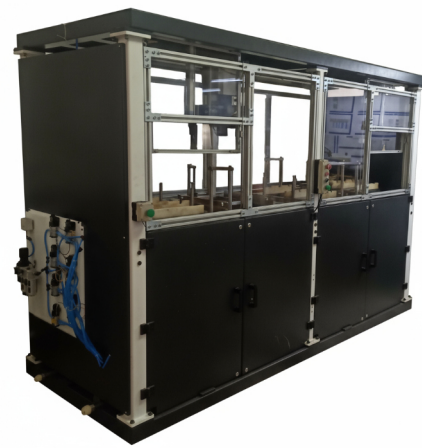
**CUSTOMISED BEARING ARBOR
PRESS**



HMI PLC BASED AUTO OIL DIPPING AND FILTRATION UNIT & AUTO OIL SPRAYING CONVEYOR UNIT



AUTO OILING AND FILTRATION UNIT



PROGRAMMABLE GANTRY OPERATED AUTO OILING AND FILTRATION UNIT



TBT 450L-7T
DIGITAL TIMER BASED GRINDING BURN TEST SETUP



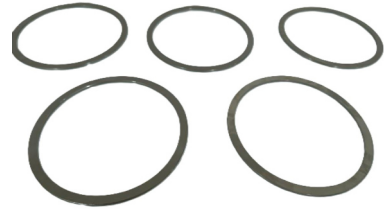
TBT 400H-5T



MARINE SHAFT



GEARBOX COVER PLATE



PRECISE SPACER RING



MARIN GEARS



PINION SHAFT



PRECISE PUMP GEARS



OIL SEAL CARRIER RING



ENGINE GAS VALVE PLATES



ROLLER CAGE



IMPELLER SHAFT



FUEL INJECTOR BODY



PRECISE BUSH



PRECISE RACK & PINION



BEMCO PUNCH & ANVIL



PRECISE CROSS PIN

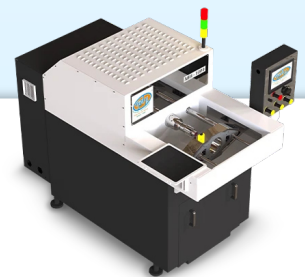


AUTHORISED REPRESENTATIVE OF COMPANY



ABHI FINE PRODUCTS

A Complete Solution For your Honing Requirement under one roof



AUTHORISED DEALER OF



OUR REGISTERED & HAPPY MNC CLIENTS





TECH LUSTER
Customer Focused. Service Excellence.

VISIT US

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