



# Topgrip Instruments Company

We are an ISO  
9001:2015 certified  
company



[www.topgripinst.com](http://www.topgripinst.com)



# COMPANY INTRODUCTION

## ABOUT US

Topgrip was established in 1980. We specialize in temperature and pressure control devices, pneumatic and hydraulic valves and precision components. We are BLW/PLW/CLW/ICF/MCF/RCF & RDSO Registered under Ministry of Railways, Government of India. We cater engineering services to Railways, Automotive & other Govt. sectors. We are an ISO 9001:2015 certified company. We have manufacturing facilities located in Kolkata, Hyderabad, and Bangalore. We supply electronics and electrical equipment to Indian Railways since 2001. We provide Rapid Prototyping and 3D printing services since 2013. We manufacture & export Automotive fixtures for Tier-1 firms in USA since 2015.



## OUR VISION

Bring new technologies and lean methodologies to railway industry. Provide innovative and cost-effective pressure measurement solutions. Continuous research & development on existing products to improve and deliver world class products. Ensure quality is at par with the advancing technologies. Ensure performance while minimizing the product's risk and costs.



# CHRONOLOGY

**1980** - Topgrip Instruments Company was formed.

**1982** - Received 1st international order for Vietnam Railways.

**1983** - Received 1st order for Pressure Gauges for Indian Railways.

**1991** - Supplied in-house developed Cylinder Pressure Indicator to Indian Railways, which was previously exported from USA.

**1993** - Air flow measuring gauge was introduced.

**1999** - Digital Non contact Thermometer was introduced.

**2000** - ISO 9002 awarded by BSI London.

**2001** - Digital Temperature indicator and Thermocouples introduced.

**2002** - Electronic Chain pulling and Train parting was introduced.

**2010** - Differential Pressure Gauge was introduced.

**2011** - CAB Heater was introduced.

**2012** - Auto Drain valve was introduced.

**2013** - Air Gauge Complex was introduced.

**2014** - Topgrip Industries was formed.

**2016** - Booster Pump Introduced.

**2017** - Started exporting to USA Tier 1 companies.

**2018** - FIBA , Pressure & Temperature Sensor was developed.

**2019** - Digital Cluster of Gauges was developed.

**2020** - Brake Valves Introduced

**2021** - Harmonic Filter & Oil Pump Transformer Introduced.

**2022** – Pre-wired Controller (for Train 18) Introduced.



## QUALITY POLICY

- We at Topgrip Instruments Company aim to achieve and sustain excellence in all our activities.
- We shall produce and supply superior quality products & services and maintain credibility in the market for the quality of our products & services at all times.
- We are further committed to develop a motivated workforce with a sense of pride in the organization which will lead us towards being the best in the industry and working in harmony with the environment.

**Zakirhusain, CEO**

# PRODUCT PORTFOLIO

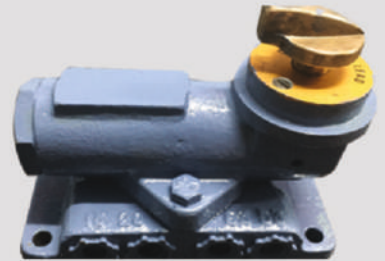
## BRAKE VALVES



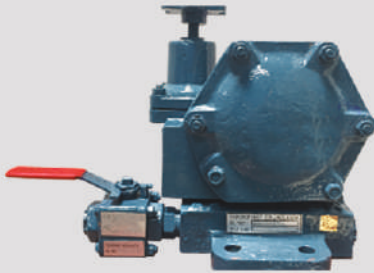
FIBA (Failure Indication Brake Application)



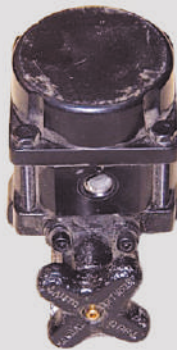
A9/SA9 Independent Brake Valves



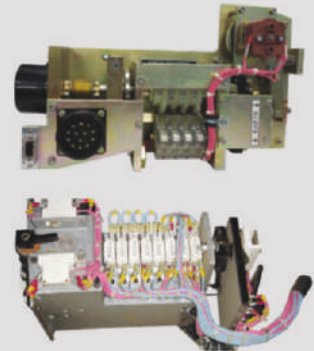
Mu2b Valve



Feed Valve



Auto Drain Valve



Master Controller



Relief Valve



Emergency Brake Valve



Safety Valve



Valve Emergency



F1- Selector Valve



Valve Temperature Control



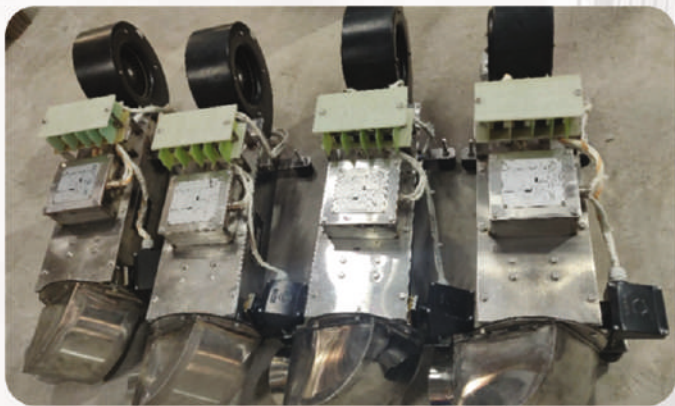
# FABRICATED & OTHER PRODUCTS



Driver Desk Control Console



Cab Heater



Loco Pilot Cabin Heaters



HB1 Cubicles- Electric Locos



Control Panels for Radiator and Ventilator Fan



Hand Brake



Double Inlet Centrifugal Blowers



Air Horn

# PRESSURE & TEMPERATURE MEASUREMENT PRODUCTS



Air Gauge Complex



Pressure & Temperature Sensor



LCD based Cluster of Digital gauges



Pressure Transducer



Digital Pressure Sensors with Display



Firing Pressure Indicator



Low Crack Pressure Check Valevs

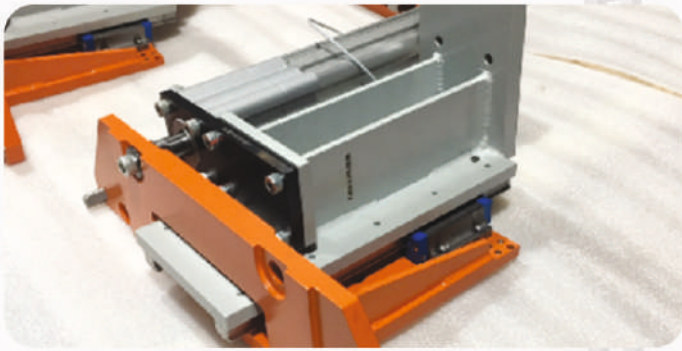


Standalone Digital Airflow Sensor



# ASSEMBLED PRODUCTS

(POWERTRAIN & BODY-IN-WHITE FIXTURES)

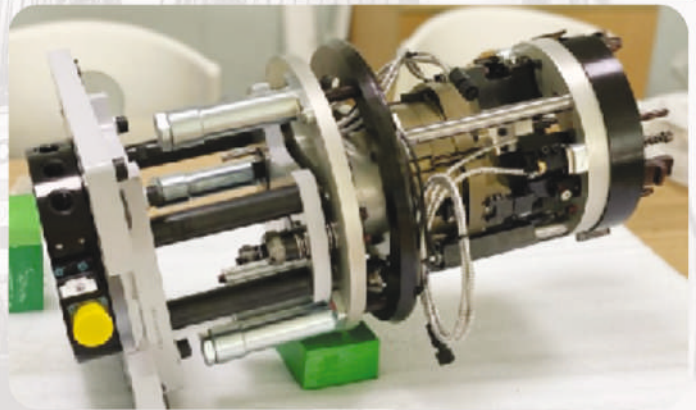
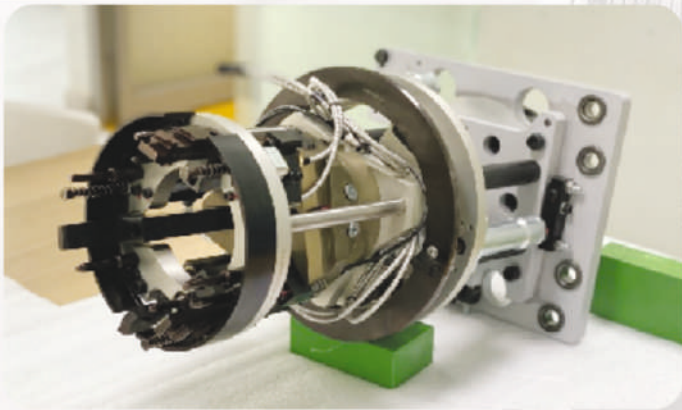


Locator ASM



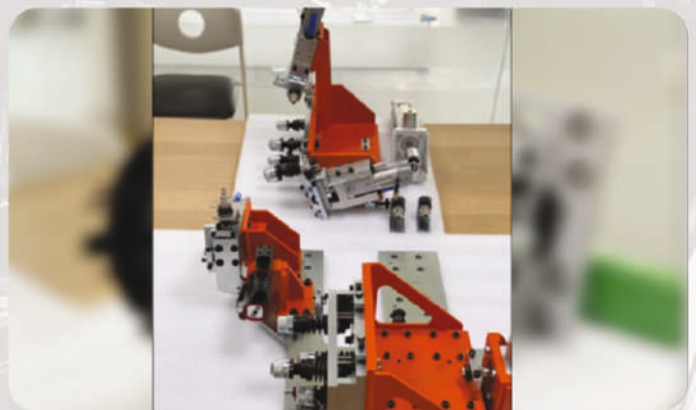
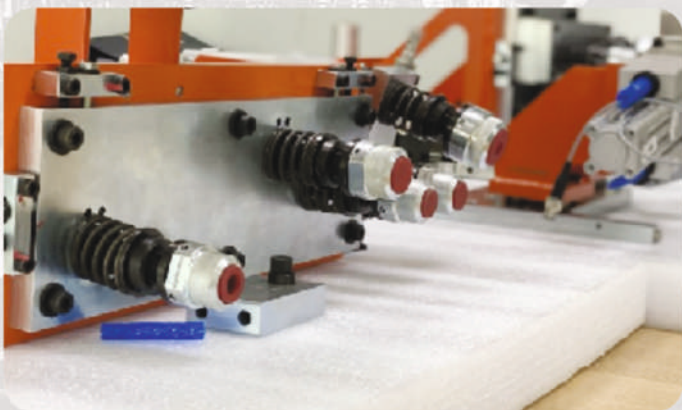
Deposit Gripper

## CLUTCH GRIPPER



## SEALING UNIT

Sealing Unit – used to Leak test Engines



## GRIPPING UNIT





# BUILT-TO-PRINT



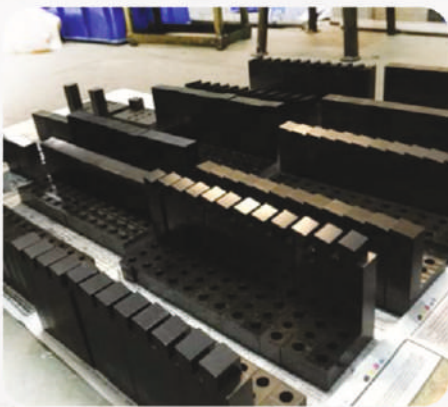
Aluminium Fixtures



Anode Clamp



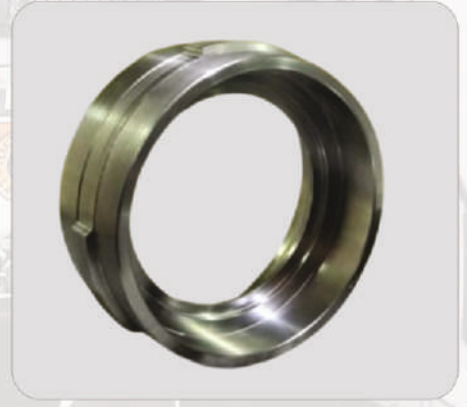
BIW Fixture Assembly



NAAMS Blocks



Precision Grippers



Precision Ring



Titanium Checking Fixture



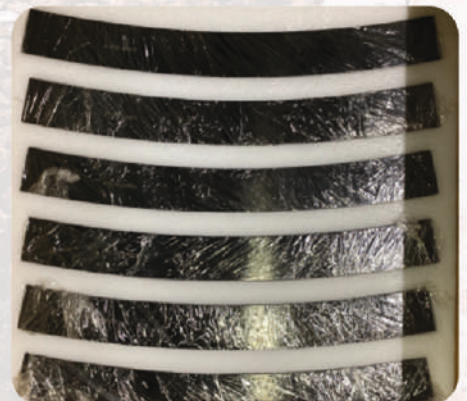
Vibration Testing Fixture



Aluminium Weldments1



Pallet Base Plate



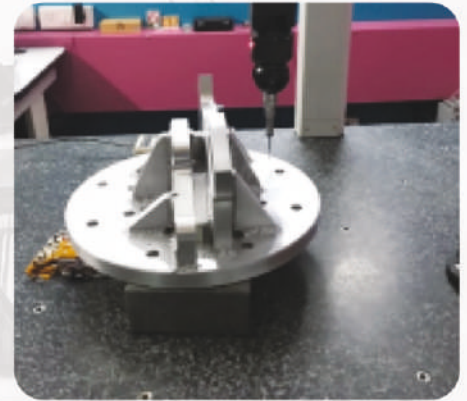
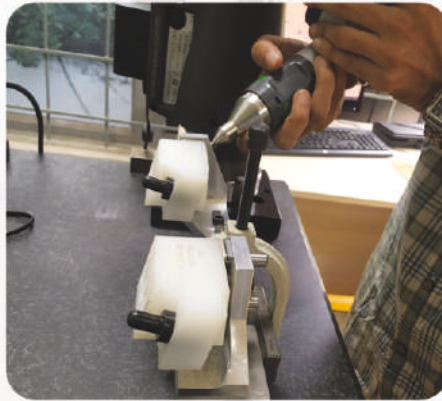
Rails for Conveyor



# MANUFACTURING CAPABILITIES & QUALITY

## QUALITY CONTROL

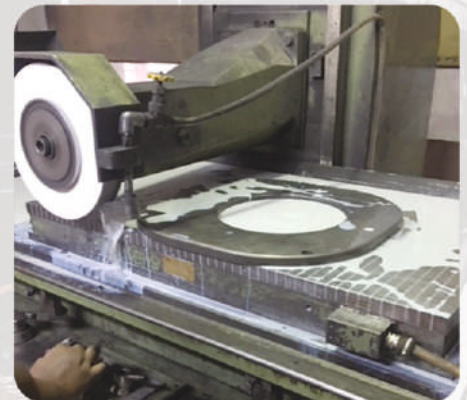
At Topgrip we make sure only the best of quality is being delivered to our customer. We make sure there is no compromise in quality. We have CMM Inspection facilities available at all our plants.



## MANUFACTURING CAPABILITIES

At Topgrip we concentrate on the slightest of details when it comes to achieving tight tolerances in machining. We machine all our products in-house to achieve the best quality.

Topgrip has CNC Turning & Milling centres in plants all over India. We also have Surface & Cylindrical Grinding, Wirecut EDM, lasercut, bending, Horizontal boring machines at our facilities.



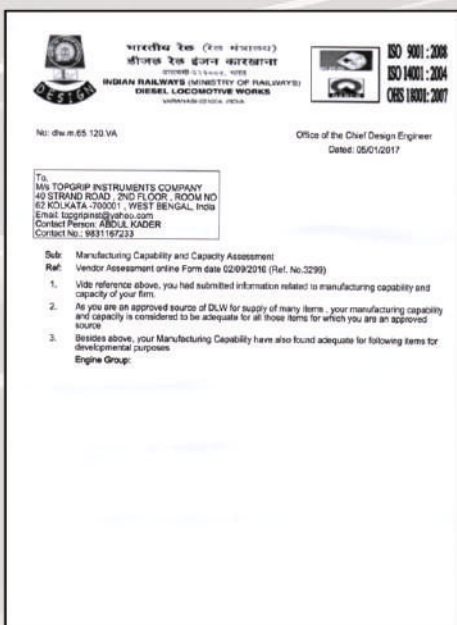
## CUSTOMER VISITS

We have customers frequently visiting our facilities across India from US, Europe, Gulf & Africa.





# CERTIFICATES





# OUR PRODUCTS USED IN



# SOME OF OUR VALUED CUSTOMERS



**ThyssenKrupp**





# CONTACT



**KOLKATA**



**HYDERABAD**



**BANGALORE**

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