

# **COMPREHENSIVE OVERVIEW OF INVICTA EXHAUST SYSTEM**

# INTRODUCTION

## Invicta: Driving Innovation, Sustaining Performance

At Invicta Exhaust Systems and Emission Technology, we redefine automotive excellence through innovative engineering and a commitment to environmental sustainability. Invicta stands at the forefront of cutting-edge exhaust systems and emission technology, merging performance with environmental consciousness.



# ABOUT US

## Our Commitment

We take pride in pioneering eco-friendly solutions without compromising on performance. Our exhaust systems are not just components; they're a testament to our dedication to emissions reduction and sustainable automotive practices. By embracing the latest technologies, we aim to redefine the standards of environmental responsibility within the industry.

## Innovative Engineering

At Invicta, innovation is our driving force. Our engineering team combines expertise and creativity to design exhaust systems that optimize engine performance while minimizing environmental impact. From precision engineering to advanced materials, we ensure our products stand at the forefront of automotive technology.

## Our Product Range

Explore our diverse product range, including exhaust systems crafted from high-quality materials such as stainless steel and aluminum. From performance-enhancing components to eco-conscious emission technology, each product undergoes rigorous testing to meet and exceed industry standards.

## Sustainable Practices

Environmental stewardship is embedded in our corporate DNA. We integrate sustainable practices into every aspect of our operations, from responsible sourcing of materials to eco-friendly manufacturing processes. By choosing Invicta, you're not just choosing automotive excellence; you're choosing a greener, more sustainable future.

# Let's Take a Look On Our Products

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- **Fittings and Mountings**
- **Flexible Pipes and Bellows**
- **Rain Caps**
- **Exhaust Pipes and Tips**
- **DPF and Catalysts**

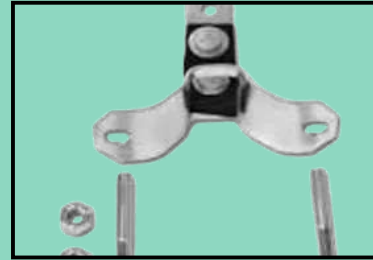
# Fittings and Mountings



**Exhaust  
Cones**



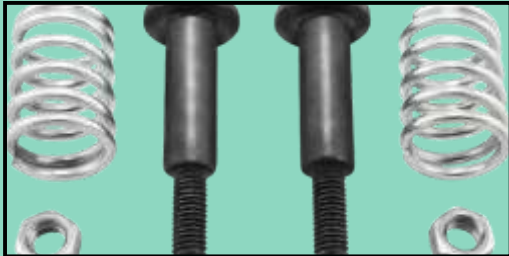
**Exhaust  
Hooks**



**Hanger  
s**



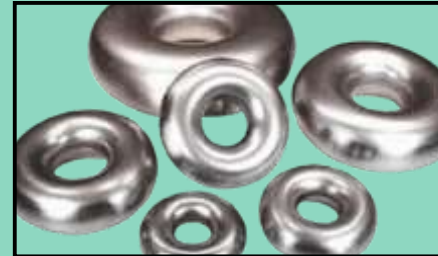
**Flange  
s**



**Assembly Spring  
Kits**



**Mesh Spark  
Arrestor**



**Exhaust  
Donuts**



**Hardware**

# Flexible Pipes and bellows



**Expansion  
Joints**



**Flexible  
Pipes**



**Exhaust  
Bellows**

# Rain Caps



**Type B Exhaust Rain  
Cap**



**Type A Exhaust Rain  
Cap**



**Ultra Heavy Duty  
Exhaust Rain Cap**



**Type C Exhaust Rain  
Cap**



**Type D Exhaust Rain  
Cap**



**Type E Exhaust Rain  
Cap**

# Exhaust Pipes and Tips



**Chrome Exhaust  
Tips**



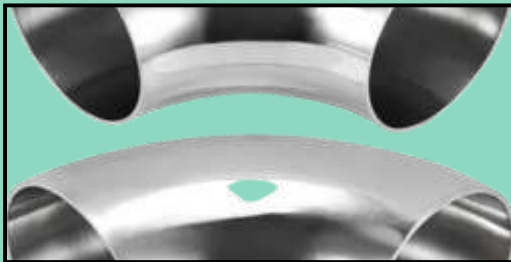
**Carbon Fiber  
Exhaust Tips**



**Custom Exhaust  
Pipes & Tips**



**Stainless Steel  
Exhaust Tips**



**Exhaust Pipe  
Elbows**



**Exhaust Straight  
Pipes**



**Performance  
Exhaust Pipes**

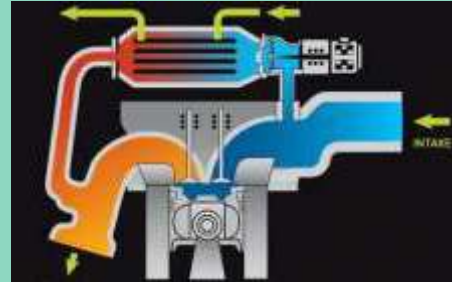
# DPF and Catalysts



**Diesel Oxidation Catalysts (DOC)**



**Selective Catalytic Reduction (SCR) Systems**



**Exhaust Gas Recirculation (EGR) Components**



**DPF Monitoring and Diagnostic Tools**



**DPF Cleaning and Maintenance Kits**



**Diesel Particulate Filters (DPF)**



**Catalytic Converters**



**Replacement Parts**



**Catalyst Substrates**



**DPF & Catalyst Accessories**

# Research & Development

Innovation in exhaust system technology

- **Advanced Materials**
- **Precision Engineering**
- **Emission Reduction Technologies**
- **Performance Optimization**
- **Innovative Catalyst Solutions**
- **Smart Connectivity**
- **Modular Design for Customization**
- **Comprehensive Testing Protocols**

# Quality Assurance



- FE Analysis
- Stress Analysis
- Spectroscope
- Leakage Test
- Standards Room
- Tensile Hardness Test
- Raw Material Testing
- Salt Spray Test for corrosion resistance
- Radiography and Thermography
- Dimensional Analysis and Inspection with digital Callipers

# SOFTWARE CAPABILITIES

**AutoCAD, VERACAD**

**SolidWorks, ProE, CATIA, NX, Creo**

**MATLAB, LaTeX, RC++, Python, JAVA**

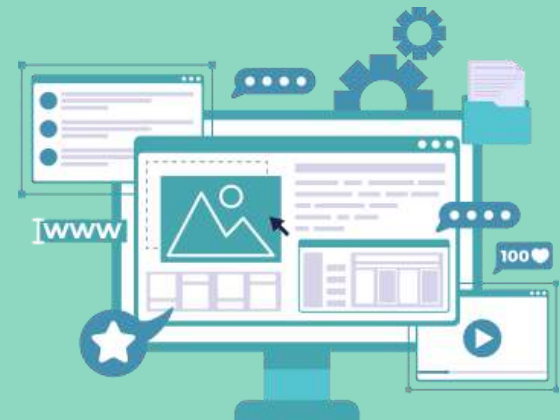
**Forge 3D and Deform 3D : White Light Laser Scanning Machine, CMM**

**Instrumentation : LabVIEW**

**Finite Element Analysis : Ansys, Fluent**

**Analysis and Simulation: ANSYS, COMSOL, HyperMesh**

**SketchUp**



# Sustainability Initiatives Eco-friendly materials and production methods

1) Environmental Responsibility



2) Green Manufacturing Practices



3) Eco-Friendly Materials

4) Reducing Emissions

5) Circular Economy Approach

6) Carbon Offset Initiatives

7) Community Engagement



8) Transparency and Accountability

# MANUFACTURING FACILITIES & PLANT OVERVIEW



# CERTIFICATIONS





**RIR CERTIFICATION**  
*Partners in Growth*

**CERTIFICATE**  
**REX CONSOLIDATED**

80 DLF, INDUSTRIAL AREA, PHASE 1, FARIDABAD-121003, HARYANA, INDIA

RIR certifies that the Environmental Management System of the organization has been assessed and found to be in accordance with the requirements of the following standard:

**ISO 14001:2015**

**SCOPE**

MANUFACTURING & SUPPLY OF EXHAUST SYSTEMS COMPONENTS, EXHAUST RAIN CAPS, CLAMPS, UNIVERSAL CLAMPS, CUSTOM DESIGNED CLAMPS, V-CLAMPS, HYDRAULIC ACCUMULATOR CLAMPS, AIR TANK CLAMPS, DIN POLE/ROTATING BEACON MOUNTING BRACKETS(DIN14620), SEALANTS AND GASKETS, TRUCKS & TRAILER PARTS, FUEL TANK ACCESSORIES AND COMPONENTS, BUILDING HARDWARE COMPONENTS, FASTENERS, PRECISION METAL PARTS AND COMPONENTS, FLANGES, PIPE FITTINGS, RUBBER COMPONENTS, SPRING AND WIRE PRODUCTS, PLASTIC MOULDED COMPONENTS, AGRI COMPONENTS AND TRACTOR PARTS

IAF CODE- 14, 17, 22

<p>Certificate No : I1530/REX14A</p> <p>Initial Registration Date : 04.11.2022</p> <p>Expiry Date (Previous Cycle) : 03.11.2025</p> <p>Current Issue Date : 27.11.2025</p> <p>Release Due Date : 03.11.2026</p> <p>Next Surveillance Due Date : 03.10.2026</p> <p>Certificate Expiry Date : 03.11.2028</p> <p>Revision No &amp; Date : N/A</p>	  
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Authorized Signatory

**RIR CERTIFICATION PRIVATE LIMITED**

233, Tower B4, Space 1-7ash Park, Sector-48, Sohna Road, Gurgaon-122016, INDIA  
Accredited by International Accreditation Services Accreditation No. MSCB-127  
West Coast, 3560 Saturn Street, Suite 100 Brea, California 92612-1732 U.S.A

This certification was conducted in accordance with RIR certification procedures and remains valid subject to an annual satisfactory surveillance audit.  
Certification period is 3 years, Verifiable at [www.rircertification.com/verify](http://www.rircertification.com/verify) or at e-mail: [info@rircert.com](mailto:info@rircert.com)

P 18.01, Rev 01



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**ISO 9001:2015**

**SCOPE**

MANUFACTURING & SUPPLY OF EXHAUST SYSTEMS COMPONENTS, EXHAUST RAIN CAPS, CLAMPS, UNIVERSAL CLAMPS, CUSTOM DESIGNED CLAMPS, V-CLAMPS, HYDRAULIC ACCUMULATOR CLAMPS, AIR TANK CLAMPS, DIN POLE/ROTATING BEACON MOUNTING BRACKETS(DIN14620), SEALANTS AND GASKETS, TRUCKS & TRAILER PARTS, FUEL TANK ACCESSORIES AND COMPONENTS, BUILDING HARDWARE COMPONENTS, FASTENERS, PRECISION METAL PARTS AND COMPONENTS, FLANGES, PIPE FITTINGS, RUBBER COMPONENTS, SPRING AND WIRE PRODUCTS, PLASTIC MOULDED COMPONENTS, AGRI COMPONENTS AND TRACTOR PARTS

IAF CODE- 14, 17, 22

<p>Certificate No : I1530/REX09A</p> <p>Initial Registration Date : 04.11.2022</p> <p>Expiry Date (Previous Cycle) : 03.11.2025</p> <p>Current Issue Date : 27.11.2025</p> <p>Release Due Date : 03.11.2026</p> <p>Next Surveillance Due Date : 03.10.2026</p> <p>Certificate Expiry Date : 03.11.2028</p> <p>Revision No &amp; Date : N/A</p>	  
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P 18.01, Rev 01

## Our Manufacturing Process



- **Setting the Standard for Quality**
- **Your Assurance of Excellence**
- **Innovation and Sustainability**
- **The Proof is in Our Performance**

# Performance Testing & Customer Reviews Case studies and testimonials.



# Distribution & Global Reach

## Supply chain, logistics, and export markets



# Aftermarket Support & Warranty

## Customer service and maintenance programs

Invicta Exhaust Systems and Emission Technology is committed to providing comprehensive aftermarket support and maintenance programs to ensure the longevity and optimal performance of your exhaust systems.



# TECHNOLOGY

**Innovative Engineering and  
Advanced Materials**

**Precision Engineering and  
Emission Reduction  
Technologies**

**Long-standing Experience and  
Competence**

**Environmental Sustainability**



## Growth Vision For Future

1. Invicta Exhaust Systems and Emission Technology is poised for significant growth and innovation, focusing.
2. Integration of Smart Connectivity: Invicta is enhancing its exhaust systems with smart connectivity features, enabling real-time monitoring, diagnostics, and performance customization. This integration allows users to access critical data and tailor their vehicle's performance to specific needs.
3. Expansion of Product Line with Modular Designs: To meet diverse customer requirements, Invicta is developing exhaust systems with modular designs. This approach facilitates customization, allowing clients to adapt components to their specific vehicle specifications and personal preferences.
4. Commitment to Sustainability: Environmental responsibility remains central to Invicta's mission. The company is investing in innovative catalyst solutions that not only meet but exceed stringent emission standards, contributing to global sustainability efforts.
5. Adoption of Advanced Materials and Manufacturing Techniques: Invicta is exploring the use of lightweight materials such as titanium and advanced composites in its exhaust systems. These materials enhance performance and fuel efficiency by reducing overall vehicle weight.
6. Emphasis on Rigorous Testing and Quality Assurance: Ensuring the reliability and longevity of its products, Invicta is implementing comprehensive testing protocols, including real-world simulations and performance evaluations. This commitment to quality ensures that each product meets the highest industry standards.
7. Through these initiatives, Invicta aims to lead the automotive industry in delivering high-performance, environmentally conscious exhaust solutions, aligning with the evolving demands of modern consumers and regulatory landscapes.

# OUR CUSTOMERS



MAHINDRA & MAHINDRA

# OUR BRANDS



## CONTACT US



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and Emission Technology**



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# THANK YOU

