

# MACHINING AND PRECISION TURNED COMPONENTS CATALOGUE



[WWW.INVICTAINDIA.COM](http://WWW.INVICTAINDIA.COM)

## ABOUT US:

Invictaindia Components (Invictaindia) is a leading manufacturer of precision engineered aerospace products, from rigid pipes, ducting, sub-assemblies, fabrications and sheet details to composite tubing, specialist fasteners, machining, and polishing & finishing, we make the most of our global manufacturing capabilities to deliver the very best value at all times.

As well as manufacturing airframe parts and power plant components in traditional materials and composites, our unique structure – with manufacturing facilities across the India – means we're also able to offer customers a range of value-added services including global supply chain management, new product introduction and product lifecycle management.

Our Technology Team brings together Invictaindia's R&D and NPI capabilities. It is also home to a new range of lightweight and composite aircraft parts under the Invictaindia Lite brand. This ground-breaking collection includes composite pipes for aero-engines and airframe applications, a variety of lightweight pipe end fittings produced using additive manufacturing techniques and composite drive shafts, all designed to help aerospace OEMs and Tier One customers meet the challenges of reducing aircraft weight.

The capabilities and cost-structures of our business mean we're able to offer a genuine one-stop-shop for customers: taking components from new product development, through to volume production and aftermarket support. By choosing the most-appropriate manufacturing facilities at every stage of the product lifecycle, the team can optimise performance and competitiveness throughout the supply chain, creating a seamless transition from one stage to the next.

As well as being passionate about Customer service, at Invictaindia, we also have strong ethics and have an Anti-Slavery policy, an Integrity in Business policy and a Whistleblowing policy. Invictaindia also believes in equal pay for equal work and our Gender Pay Gap Analysis is provided here.

## APPLICATIONS :

Our experience spans the following industry sectors:

### TELECOMMUNICATIONS



### AEROSPACE



### MOTORSPORT



## AUTOMOTIVE



## MEDICAL



## DEFENCE



## MARINE



## AGRICULTURAL



The bespoke natures of the services we provide allow us to help our customers respond to and capitalize on the changing nature of their own market places.

**WE ARE EXPERIENCED IN MACHINING A VARIETY OF MATERIALS INCLUDING:**

**STAINLESS STEEL, MONEL, INCONEL, TITANIUM, MILD STEEL, ALUMINIUM ALLOYS, BRASS, COPPER, BRONZE, NYLON, PEEK AND DELRIN & OTHERS.**



# MACHINERY AND EQUIPMENT

## CNC MACHINED COMPONENTS HIGHLIGHTS

Low Volume Precision  
Machining

Milling: 55" x 22" Bed Size

Turning: 16" Diameter

Mill/Turns (4 Axis): 14"  
Diameter



CNC Machines shop are the back bone of the Manufacturing Industry. CNC Machining touches just about every industry in the global economy. CNC Machining has some of the most flexible designs compared to stamping or metal fabrication.

Having a reliable & solid machine shop is very important to maintaining an all-star list of suppliers. Ours hold high Aerospace certifications and our quality is second to none.

## OUR CAPABILITIES

- Machining
- Swiss Screw Machining
- CNC Machining

## Quality Control

To allow us to maintain the strict quality control required by our diverse range of customers and our commitment to [ISO 9001](#), we have a state of the art quality system in place. This system installs confidence in the customer that we can fully document every dimension of the part and can store SPC data to meet customer traceability standards.



The following Inspection documentation is available on request; this will ensure your quality standards are met:

PPAPs (Pre-Production Approval Process), ISIR (Initial Sample Inspection Reports), Material Certificates, Certificate of Conformity and Certificate of Compliance.

Our staff carries out First Off, In Process and Last off Inspection throughout a batch.

Visual Inspection is also carried out prior to dispatch. These processes will ensure a quality product to your exact specification.

A full complement of precision hand inspection tools and gauges including micrometers, Vernier calliper's, height gauges and pin

gauges allow the engineers to carry out ongoing inspection machine side, throughout a batch of parts, no matter what the quantity



# IMAGE GALLERY





## **CONTACT INFORMATION**

Invicta India Pvt. Ltd.  
N-258/B GK-1  
New Delhi  
India

REX Consolidated  
80 DLF Industrial Area Phase I  
Faridabad Haryana-121003

India

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For enquiries, please email us : [rahul@invictaindia.com](mailto:rahul@invictaindia.com)