

# ESSEM PRECITECH

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## PROFILE



# ABOUT US

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Essem Precitech is a highly qualified manufacturer & exporter of precision turned & machined parts from India. Essem is driven by decades of engineering experience of its founder Director N. M. Selvan who held key position with AEG Germany and Gillette Germany for two decades and has more than 50 years of experience in various fields like metal cutting, metal forming & indigenizing import substitute parts like gas cutting torches & nozzles.

Essem Precitech is supporting the manufacturing needs of several global manufacturing companies with long & successful association with them.

# QUALITY POLICY & MISSION

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Achieve customer satisfaction by adopting continual improvement & process up gradation methods.

- Enhancing technical know-how
- Employee skill development
- Supply chain management
- Zero-defect products
- Customer delight

# CORE COMPETENCES

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- Material sourcing - Bar stocks in ferrous & non-ferrous metals of all forms.  
All types of castings in ferrous & non-ferrous metals.  
Hot & cold forgings.
- Primary Machining - CNC turning: 4mm to 165mm OD x 700mm length with 2 axis.  
CNC Milling: 850mm length x 350mm wide x 500mm height with 4 axis.
- Additional capabilities - All the post CNC operations & finishing processes.

# PRODUCTS

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- High precision turned & machined parts
- Machined castings & forgings
- Assemblies & sub-assemblies
- Machining of Gears

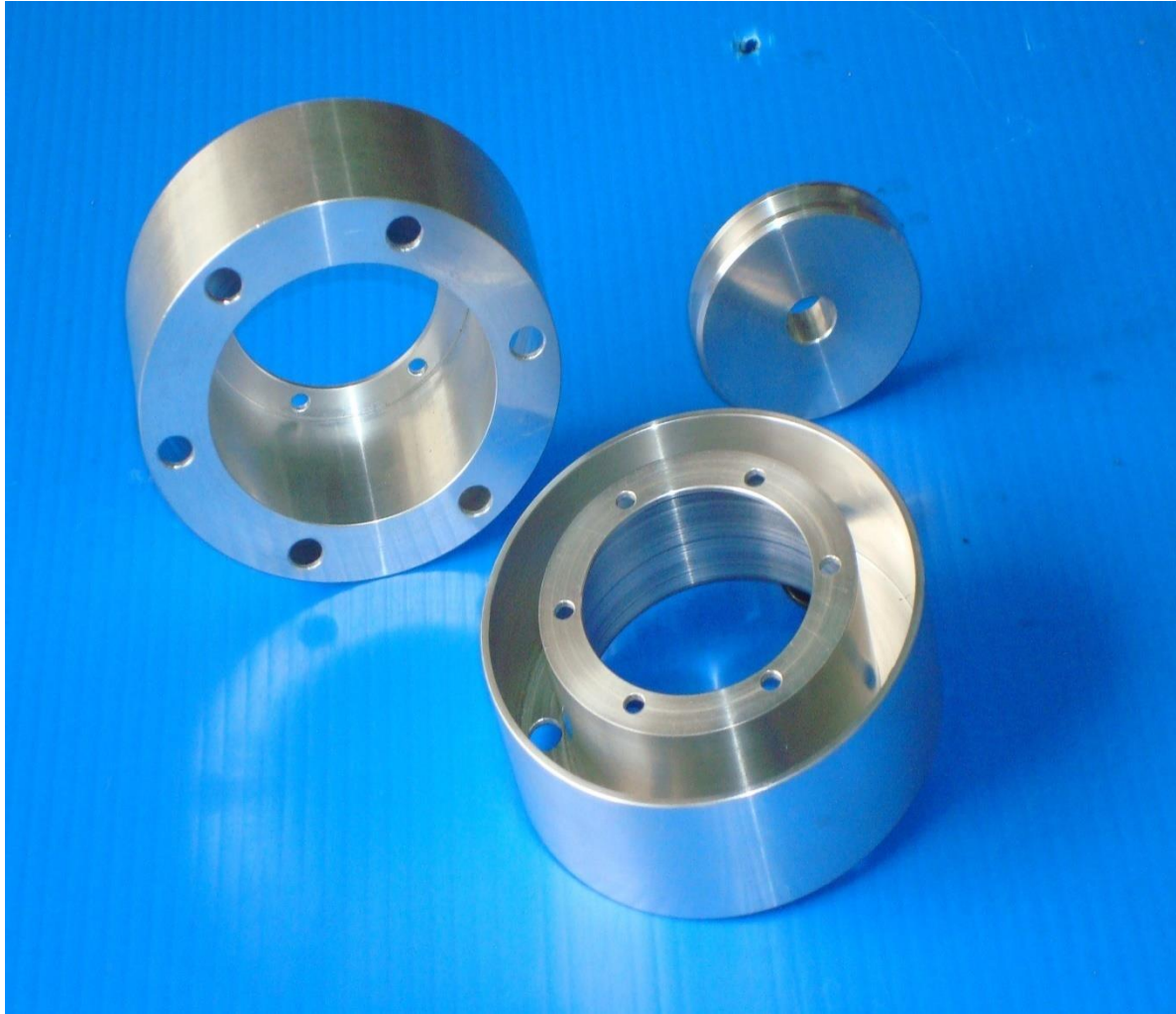


**Tool Holders**



**Sub – assembly for escalators**





**Aluminium Turned Parts**



**Stainless Steel  
Turned Parts**



**Steel Turned Parts**



**Tool Holders**





**Tools**



**Auto Parts**



**Steel Casting**



**Machined Steel Casting**





**CNC Tool Holders**



**Laser Cut**



**Hydraulic Parts**



**Gas Cutting Torch Assembly**

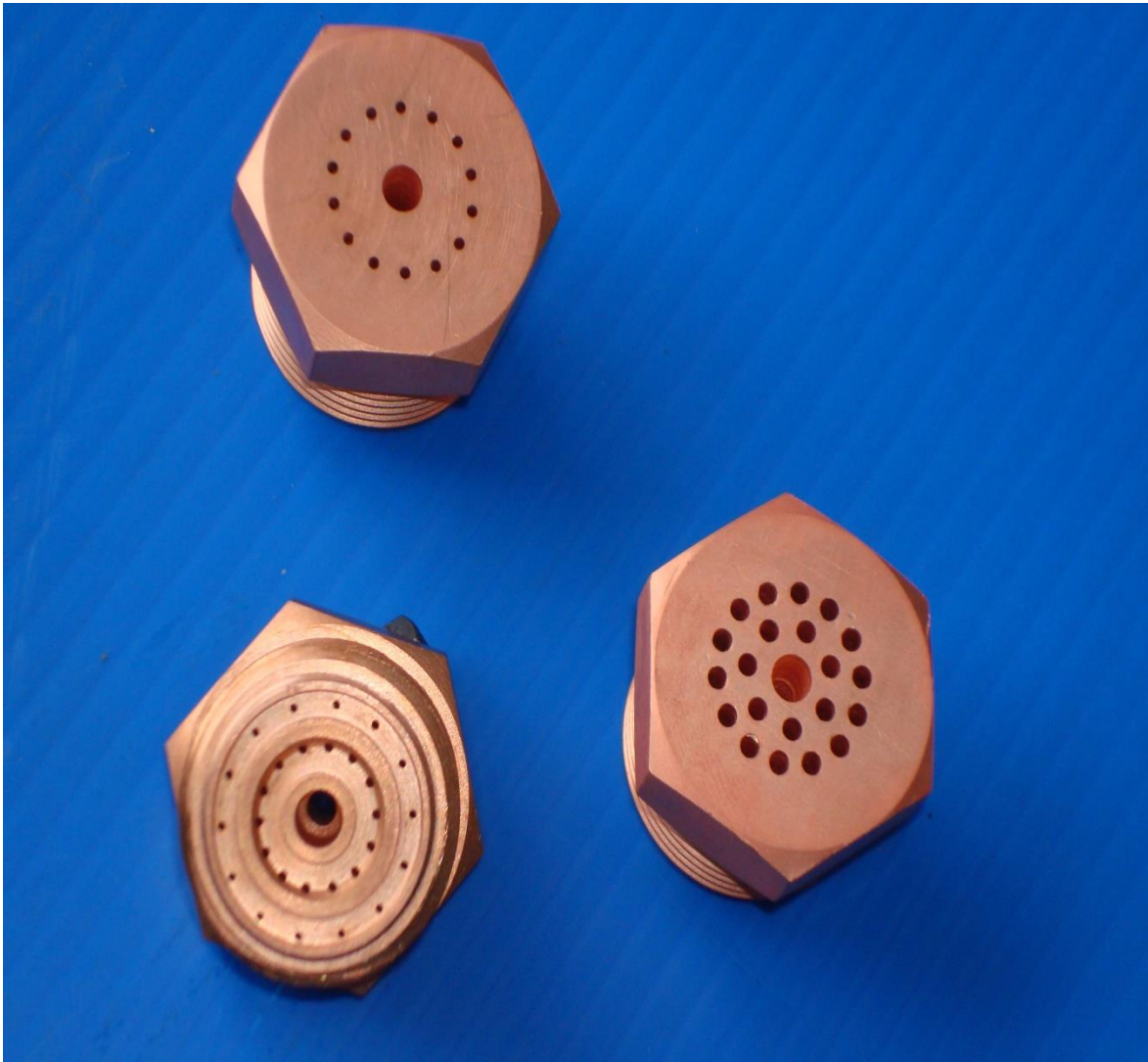




**External Gears**



**Core Shanks**



**Nozzles**



**Milled Parts**





**Small Fabricated**



**Rack & Pinion**



**Shafts**



**Representative Parts**



# SERVICES

## MACHINING

- Precision CNC Turning
- Precision CNC Milling
- Conventional Turning and Milling
- Machined Ferrous and Non - Ferrous Castings
- Machined Forgings
- Sub-assemblies
- Thread Cutting
- Deep Hole Drilling
- Cylindrical, Centralized and Surface Grinding
- Gear Cutting
- Spline Cutting

## SURFACE TREATMENT

- Electroplating
- Black oxide
- Induction Hardening
- Case Hardening
- Carbo-Nitriding
- Gas Nitriding
- Annealing and Normalizing
- Sand & Shot Blasting
- Impregnation
- FPI and MPI Testing
- Anodizing

# INFRASTRUCTURE

Essem Precitech is housed in a 4800 sq. ft. facility with business associates and a quality set of necessary machinery. The key machinery includes:

Sl. No.	Machinery	Model	Size	Quantity
1.	CNC Turning, Electronica Job Master	2000	165mm dia	1
2.	CNC Turning, ASKAR Micron	2002	165mm dia	1
3.	CNC Turning, Jyothi	2007, 2021 & 2024	165mm dia	3
4.	CNC Turning, Galaxy Midas-0 & Midas-6	2014 & 2020	165mm dia	2
5.	CNC Turning, LMW Smarturn	2021	165mm dia	1
6.	CNC Turning, Ace – Jobber LM	2024	165mm dia	1
7.	CNC Turning, Gildemeister – CTX-200	2012	165mm dia	1
8.	CNC Vertical Machining Centre with 4 <sup>th</sup> Axis LMW – J1	2023	600 x 500 x 500	1
9.	Jig Boring Swiss Make	1975	6700 x 400	1

# CUSTOMERS

Essem Precitech has an extensive set of clients with whom it has several years of successful association. Essem believes in long-standing relationships built on trust and commitment, and continually strives to ensure it meets the requirements of its clients.

The OEM customer range is spread in various sectors like:

- Machine tool
- Hydraulics
- Automotive
- Pump & valve
- Earth moving
- Agricultural equipment

The key customers are:

1. Bilz Tool Pvt Limited, India - a subsidiary of Bilz Tool Limited, Germany – Manufacturer of Tooling for CNC machines
2. Rollon Hydraulics Pvt Limited, India – Hydraulic parts & equipment manufacturer
3. Automotive Components Limited, UK – Manufacturer of Machined parts for automotive sector
4. Automotive spares UK – Manufacturer of Mechanical parts for automotive industry
5. Alamo Manufacturing Services Limited, UK – OEM of Agricultural equipments
6. McConnell Limited, UK – OEM of Agricultural equipments



Apart from direct export, Essem is catering to the following Supply Chain Management (SCM) companies:

1. Darian Trading Limited, Germany & UK
2. Ganton International Limited, USA

The countries served are:

- ✓ India
- ✓ United Kingdom
- ✓ Germany
- ✓ USA

# CONTACT

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**THANK YOU**