



**CRAFTING STRENGTH AND TRUST**  
**SINCE 1981**

**Manufacturer Of  
Precision  
Machined  
Components**



# About Us

The Company Was Established As “applied Industry” In **1981 At Rajkot, Gujarat, India** A Family Owned Business By Late Mr. Dinesh Javia, Mr. V D Vasoya & Mr. Dipak Patel. The Venture That Started With A Single Machine In A 500 Sq. Ft. Area, Has Now Grown Into A Pvt. Ltd. Company Spread Over 2.50 Lakh Square Feet And Employing **Over 400 Employees.**

Applied Group Is Now Lead By Next Generation Of Young Entrepreneurs Under The Expert Guidance Of Senior Founders.

Equipped With Modern Manufacturing Technologies, We Manufacture Parts For Various Applications Like **Automotive** (transmission, Engine, Suspension, Chassis And Axle), **Oil & Gas, Agricultural Equipment And Other Engineering Applications.**

Applied’s Success Is Based On Our Commitment Towards Consistent Quality, Delivery And The Healthy Eco System We Have Created With Our Suppliers And Customers.



# Quality Policy

**"APPLIED"** Is Committed To Manufacture Products As Per Customer Specific Requirement And Achieve The Business Goal By Enhancing Customer Satisfaction For Long Term Beneficial Relationship Through:

- A ccomplish quality product
- P romote technology
- P recedence delivery
- L aising customers and business partners
- I nnovate process development
- E ffective safe working environment
- D evelop team competency

**"APPLIED"** Ensures Continuous Improvement In Developing & Strengthening The Quality Management System And Processes Of Organization That Complies With International Standards.



## Our Core Purpose

We listen. We care.  
We engineer solutions that create value  
and make a meaningful difference.

# Product Capabilities

## Raw Materials

Our portfolio includes below material grades as well as other grades as specified by the customer



### FORGINGS

Carbon Steel and Alloy Steels  
C20, EN8, EN8D, CK45, EN9, 41Cr4, EN19, 20MnCr5



### INVESTMENT CASTING

Carbon and Alloy Steel  
All grades feasible as per IS 10343



### CASTING

SG Iron and CI  
SG400/15, SG450/10, SG500/7, SG600/3, SG700/2

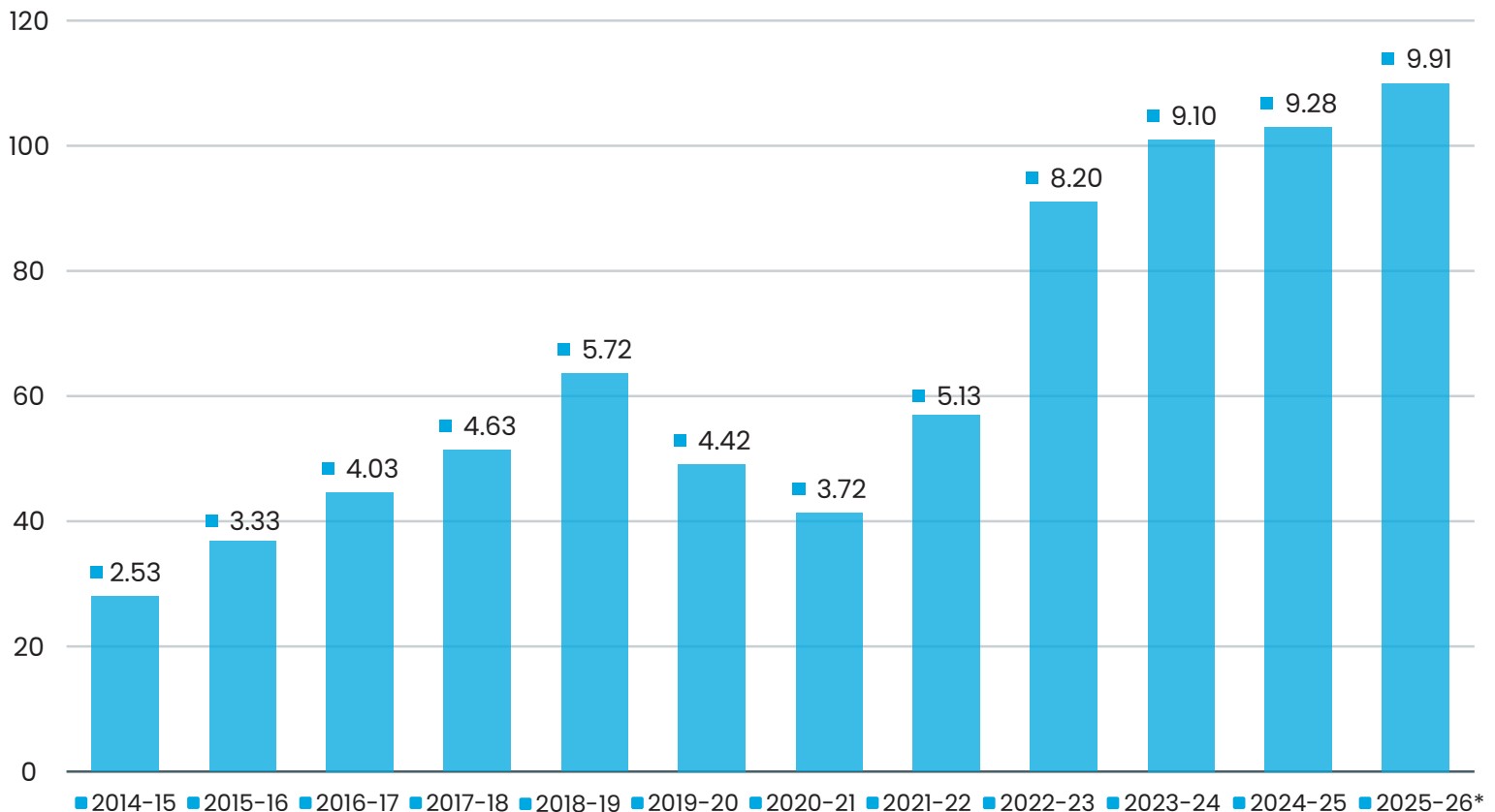


### ROUNDBAR

Carbon and Alloy Steel  
C20, EN8, EN8D, CK45, EN9, 41Cr4, EN19, 20MnCr5

Heat treatment processes like through hardening and tempering, case carburising, nitriding, normalising, annealing and induction hardening done as per requirement.

## Sales Track



\*Sales Forecast In Million Euro

# Our Infrastructure



**Hot Forging Line**



**VMC Machines**



**Induction Hardening**



**Machine Shop (HMC)**



**CNC Machine**



**Finish Goods Storage**

# Our Infrastructure

No	Machine Type	Qty	Size
1	VMC	60	Table size: Upto 1000mm x 600 mm
2	CNC	30	Upto 500 mm turning dia. and 700 mm Length between center
3	HMC	1	630 x 500 mm pallet, 360 deg. indexing
4	CNC Cylindrical grinder	2	Upto 300 mm dia and 450 mm length between center
5	Vertical broaching machine	3	Upto 20 tonnes and 2000 mm stroke length
6	Induction hardening	1	70 KW Radio - frequency
7	Belt Drop Hammer	1	2 tonne
8	Belt Drop Hammer	1	1 tonne
9	Trimming press	1	400 Tonne
10	Trimming press	1	200 Tonne
11	Induction billet heater	2	350 KW & 200 KW
12	Circular CNC Cutting machine	2	Upto 100 mm
13	VMC for Die Manufacturing	2	Table size: 1100 x 600
14	Bell type Normalizing furnace	1	2 Tonne
15	Shot blasting	1	1 Tonne
16	Continuous type heat treatment furnace	1	(Upto 400 Kgs/Hour)

# Inspection facilities



**3D arm**



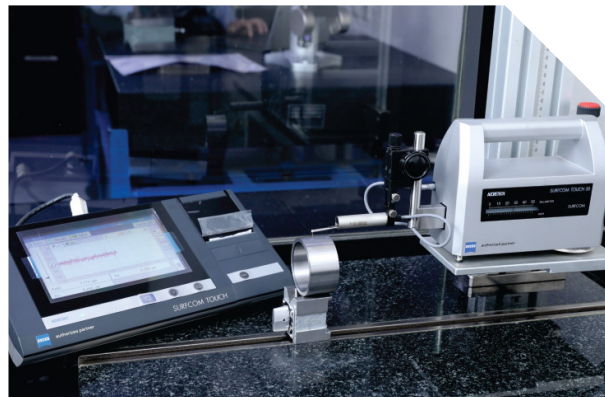
**CMM**



**2D Height Gauges**



**Contour Measuring Machine**



**Surface Roughness Tester**

# Inspection facilities

No	Instrument type	Qty.	Make	Size
1	Spectrometer	1	AMETEK (Spectro M.01)	-
2	CMM	1	Zeiss	1000 x 700 x 600
3	Contour measuring machine	1	Mahr	100 mm
4	2D height Master	2	Trimos	700
5	2D height Master	1	Electronica	450
6	3D arm	1	Trimos	1800 mm Diametrical
7	MPI	2	Mayuresh	600 mm length, 4000A Current with circular and longitudinal field
8	Microvicker Hardness Tester	1	Mitutoyo	0.05gf - 2kgf
9	Microscope	1	Radical	100/200/400/1000x with image analyser
10	Rockwell Hardness Tester	2	Saroj	-
11	Brinell Hardness tester	3	Saroj	With BIMS
12	Millipore testing kit	1	Merck	Gravimetric and particle analyses
13	Roughness Tester	1	Zeiss	Z axis 1000 $\mu$ m X Axis 50mm
14	Tensile testing machine	1	Fine	40 KN
15	Impact hardnes tester	1	Fine	For Izod And Charpy

# Product Capabilities : Transmission Parts

Fork and Jaw



Bearing sleeve



Cross Shaft



Shift Blocker and Finger



Lever



Other Transmission parts



# Product Capabilities : Suspension Parts

Suspension Bracket



Shackle Assembly



Shock Absorber Bracket



# Product Capabilities : Chassis Parts

Idler Arm



Tow Hook



Cross Member Bracket



Other Chassis Parts



# Product Capabilities : Axle Parts

Steering arm



Track Arm



Lock Nut



Spacer



Spacer Seal



# Product Capabilities : Engine Parts

Crankshaft Bearing cap



Idler Shaft



Injector Clamp



Other Engine Parts



# Product Capabilities : Engineering Parts

General engineering applications



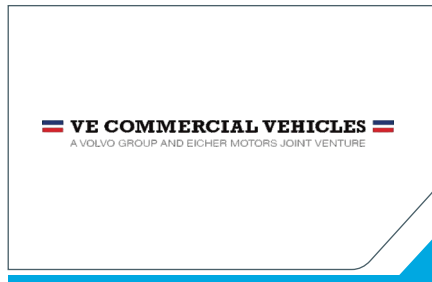
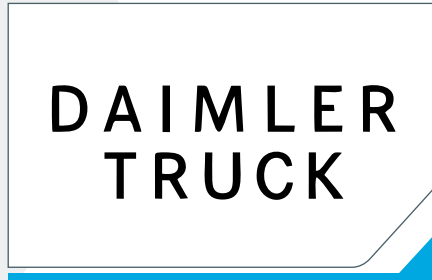
Oil & Gas industry



Agricultural equipments



# Our Customers



# Tier-2 Supplier



## Our Future Plans



Install 1000 tonne and 1600 tonne electric screw press by 2027



Install Sealed Quench Furnace line by 2027

(in process)



Backward integration of green sand casting with installation High pressure moulding line

(in process)

## Our Green Initiatives



We have accomplished 1.5 MW of roof and land mounted solar Installation offsetting more than 60% of our energy needs



From 1000+ plantations to a thriving future, we grow nature, sustainability, and life every single year.

## OUR KEY STRENGTHS

400 + Skilled  
Employees

100 + CNC  
Machines

3 Forging lines

ERP  
Integrated Traceability

120+ Parts  
Developed Annually



Production Capacity:  
4 Million Machined  
Components/Annum

Weight Capacity:  
0.1 Kg to 20 Kgs

Forging Capacity:  
4800 Tonne/Annum

Build up Space:  
20000 Sq meter

700 + Active Parts

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