

KINECO[®]
WORLD OF COMPOSITES



*Land*space to *Aero*space

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KINECO LIMITED

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Email For Contact

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CIN NO: U24134GA1994PLC001672



*Land*space to *Aero*space



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MANAGEMENT TEAM

ORGANISATIONAL HIGHLIGHTS

- Over 25 years of performance history.
- Innovation & technology - the prime drivers.
- 27,000 sq.mts of manufacturing space.
- Significant part of production exported to different countries across the globe.
- World class standards of quality - endorsed by growing list of customers.
- Comprehensive expertise from concept to commissioning.

- Concept Design
- Serial Production
- Detail Engineering
- Installation & Post Installation Services
- Tooling
- Prototyping



COMPOSITES
Our Passion



INNOVATION
Our Mission



TECHNOLOGY
Our Focus



WORLD CLASS PRODUCTS
Our Commitment

MARKETS WE SERVE

Aerospace



Defence & Space



Railways



Industrial

KINECO | **KAMAN**
Composite Structures



Shekhar Sardesai

Executive Vice Chairman
& Managing Director



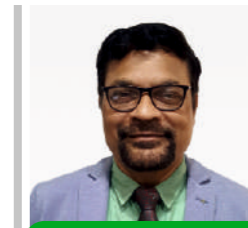
Vinay Jagtap

President & Executive
Director



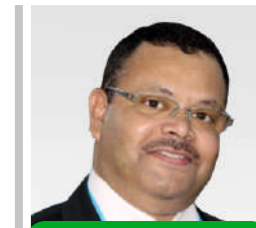
Arvind Kumar S R

Chief Finance Officer



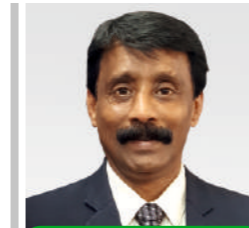
Shyam Ozerkar

Chief Operating Officer



Ravi Shrivastava

Vice President
Business Development



Rajiv Hubli

Sr. Vice President
Strategy & Growth



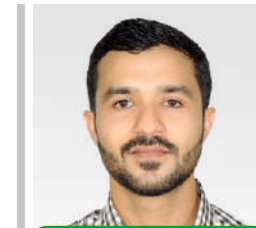
A. Rajamohan

Head
Research & Development



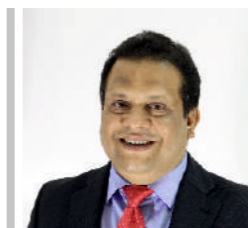
P K Bagchi

Advisor
Technology & R & D



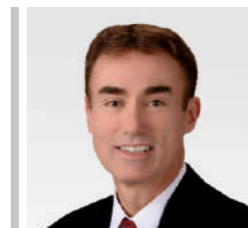
Amey Sardesai

Leader
Strategic Initiatives



Shekhar Sardesai

Chairman &
Managing Director



John Navan

Chairman
Management Committee



Kevin Wright

Head
Operations



Nagraj Jantli

Finance Director



Kapil Borkar

Vice President
Strategic Programs



Avani Dwivedi

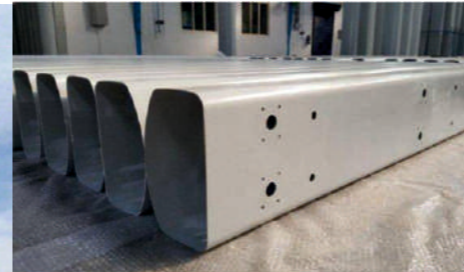
Customer Secretary & Vice President
Customer Compliance

RAILWAYS

INDUSTRIAL

Industrial:

- Pressure vessels for water filtration.
- Chemical process equipment & storage systems
- Components for power plants
- Customised pultruded products
- Components for Medical equipments



Coach Interiors & Exteriors

- Coach Interiors
- Front End & Cab Interiors
- Hard Seating System
- Toilet Modules
- Turnkey Interiors for New Coaches & Refurbishment.

Automotive:

- Components for Racing car body parts
- Carbon Reinforced Racing Cycle frames



OUR EXPERTISE



Research, Design & Engineering

- A dedicated research, design & development team
- Highly qualified & experienced structural designers
- Detail engineering & prototyping of complex composite parts

Manufacturing Facilities

Kineco

- Multi-Axis CNC filament winding facilities (up-to 4m dia & 10m length).
- RTM Equipment.
- Curing oven
- Specialized smart resin infusion equipment
- Advanced process monitoring equipment for VARTM

Kineco Kaman

- Autoclaves.
- Multi-Axis CNC Router.
- Clean Rooms

Quality Control & Testing

- Computerized universal testing machine.
- Ultrasonic tester
- Pressure testing with strain gauging.
- Fire, Smoke & Toxicity Equipment.

Process Technology

- CNC Filament Winding
- RTM/LRTM
- Smart Resin Infusion
- VARTM process monitoring Technology
- Vacuum Bagging with Autoclave and Oven Cure.
- Pultrusion
- Resin Film Infusion (RFI)
- Controlled Hand Layup

Materials

Expertise in all types of reinforcement fibers & resin systems including core materials & prepregs

Reinforcements

- Glass Fibres
- Carbon Fibres
- Aramid Fibres

Resin Matrices

- Polyesters
- Epoxies
- Vinyl Esters
- Phenolics

Core Materials

- Aramid & Aluminium Honeycomb
- High Temperature Resistant Foam Core
- Balsa Wood



INFRASTRUCTURE



Kineco Defense & Industrial Unit



Kineco Railway Unit



Kineco Kaman - Aerospace Unit



Kineco Pultrusion Unit

- Three manufacturing facilities with state-of-the art equipment and machinery.
- 27,000 sq. mts of total facility & Manufacturing space
- Employing Over 800 people.

AEROSPACE

KINECO | **KAMAN**
Composite Structures

Defence & Space (missiles, marine & others):

- Airframes for missiles
- Sonar domes for warships and submarines
- Carbon reinforced bridge structures
- Light weight gun barrels and bomb shells
- Radio Transparent radomes for military applications
- Rocket Motor and Igniter cases for satellite launch vehicles



Kineco Aerospace vertical has been hived off into a Joint Venture with Kaman Aerospace Group, USA.

This facility had earlier been producing complex composite structures for various industries including Aerospace, Defense and Medical Imaging and this is now further enhanced with Kaman's decades of experience in manufacturing Aerospace composites.

- Parts and sub assemblies for defence and civil Aircrafts, Spacecrafts and Space satellites,
- Parts & sub assemblies for Medical Imaging Equipment.

www.kinecokamanindia.com



DEFENCE & SPACE

MILESTONE

Kineco begins commercial operations

Kineco builds unique FRP shelters for Indian Troops in the Northern Himalayas (Post Kargil)

1995



Kineco bags its first Export contract for 2 Million dollar from U.S. Water Treatment Company

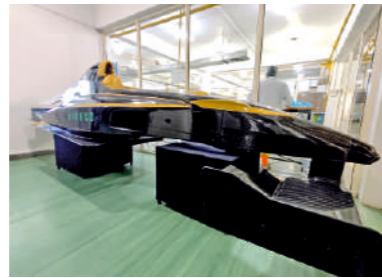
1999

Kineco develops the indigenous technology of 5 axis filament winding with funding from Ministry of Science & Technology

2002



Kineco, in association with IIT Bombay and TIFAC constructs the world's first Sky Bus metro made entirely from composites



Kineco establishes its Advanced Composites Division (ACD)

Kineco ACD selected as manufacturer of body panels for the A1 Grand Prix Formula racing cars

2004



2006

2007

Kineco wins the prestigious & global "JEC Innovation Award" for the development of underslung water tanks for AC coaches of the Indian Railways



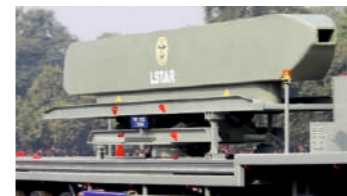
Kineco acquires a contract from an European major for supply of complete racing car chassis and bodies. Kineco achieves AS9100 accreditation which is a prerequisite to enter the mainstream aerospace market

2008



2010

Kineco develops a Dorsal Unit for Airborne Early Warning & Control Systems (AEWACS). Displayed at Republic Day parade as one of the key success in indigenous development



2011

Kaman Aerospace GROUP (a 1.8 Billion \$ NYSE listed enterprise) ACQUIRES a 26% Strategic stake in Kineco's Aerospace Vertical. A new JV 'Kineco Kaman Composites India' is formed

2012

2013-14

Kineco Kaman starts delivery of aerospace contracts to international markets

Kineco develops sonar domes for naval warships as an industry partner to R&DE (a DRDO lab) for first time in the country



2015

Indo National Limited, a listed company acquires controlling stake in Kineco

2015-16



Kineco Kaman bags NADCAP certification

Kineco supplies pultruded composite products to telecom sector; Kaman increases stake in JV to 49%.

2017

Kineco develops composite carbon bridge for military application for first time in India

Kineco bags contract from R&DE (DRDO lab) for Development of composite radome segments for Airborne Early Warning & Control Systems (AEWACS)

2019

2020

