



# ROCKMAN

Link... Motion... Progress



## KEY MANAGEMENT

### Chairman: Mr. Suman Kant Munjal

Chairman of Rockman Industries Limited, One of the oldest Hero group company - manufacturing automotive components for some of the marquee auto companies, Chairman of newly formed company and group's first venture into Electronics-"Hero Electronix Pvt Ltd." An acclaimed leader and an internationally trained expert in business and production management. Instrumental in transforming Rockman industries Ltd. into a leading player in the die casting industry & other diversified business segments.

### Managing Director: Mr. Ujjwal Munjal

Mr. Ujjwal Munjal is son of Mr Suman Munjal. He has been instrumental in accelerating Rockman's journey into diversified products. He is also the founder director of Hero Electronix.

## ROCKMAN INDUSTRIES

Rockman is part of Multi Billion US Dollar Hero group having more than 35,000 employees. Rockman was incorporated in the year 1960 as a bicycle component manufacturer. Since then we have diversified into many businesses. We are the largest Aluminium foundry in the country and a leading supplier of Aluminium die casted, machined & painted assembly components to world's largest motorcycle manufacturer and several other renowned auto OEMs. We are also supplying carbon composite parts to luxury automotive, motorsports, aerospace and various other industries. Having eight plants located at Ludhiana, Mangli, Haridwar, Bawal, Chennai, Surat, Vadodara & Tirupati. We have processing capacity of more than 220,000 tonnes of Aluminium annually. We are a one stop shop having all the three casting processes (GDC, LPDC and HPDC) and end to end capability from design, engineering, casting, machining, painting and assembly. We are the largest two wheeler alloy wheel maker with 15 Mn+ installed capacity. We also make motorcycle chains with capacity of 20.6 Mn+ meter.

## MANUFACTURING

Rockman has capability to manufacture all tools in-house and has got expertise in making precision tools. At Rockman, Process Development is the key to ensure timely identification and deployment of all the necessary resources not only in terms of machines but also inspection facilities, trained manpower, utilities, etc to ensure smooth development, trial, inspection and submission of PPAP lots as per defined timelines.

- ▶ In-house die designing and development
- ▶ Producing 300 dies per year at Ludhiana & Haridwar Facilities
- ▶ Capability to produce tools upto a weight of 5 tonnes
- ▶ High precision CNC, EDM, wire cut and high speed machining of tools and dies
- ▶ Spotting press for die matching
- ▶ End of life drawing and document management done through dedicated windchill based PLM system
- ▶ Variety of CNC. VMC's and SPM's
- ▶ IATF-16949, ISO -14001, OHSAS, ISO/IEC 27001 Certified

## CORE COMPETENCY







# ALLOY WHEELS

An industry leader in alloy wheels, we leverage years of expertise in manufacturing alloy wheels through Low-Pressure Die Casting and Gravity Die Casting, for superior end products. Two-wheeler and four-wheeler wheels manufactured and assembled in our facilities are durable and compliant with global standards.

## TWO WHEELER ALLOY WHEELS

- ▶ Largest manufacturer of two wheelers Alloy wheels in India
- ▶ 150 GDC Fully Automatic Machines
- ▶ 15 Million Installed Annual Capacity
- ▶ 4 Production Facilities – Haridwar, Bawal, Halol and Tirupati



## FOUR WHEELER ALLOY WHEELS

- ▶ A dedicated state of the art facility for four wheeler alloy wheels
- ▶ In collaboration with Hands Corporation, Korea, which is among the top 10 car alloy wheel maker in the world
- ▶ 8 LPDC Fully Automatic Machines
- ▶ Installed Annual Capacity of 1 million & planned 2 million in FY2021
- ▶ Fully Automated Single Piece Flow With Conveyor Arrangement
- ▶ Auto Extraction & Wheel Transfer in LPDC
- ▶ Auto Sprue Cutting with vision system & online 100% X-Ray Inspection
- ▶ Fully Automated Online Heat Treatment & Shot Blasting
- ▶ Robotic CNC Machining Line & 100% Helium Leak Testing
- ▶ Robotic Painting Line - Powder & Liquid Painting Facility

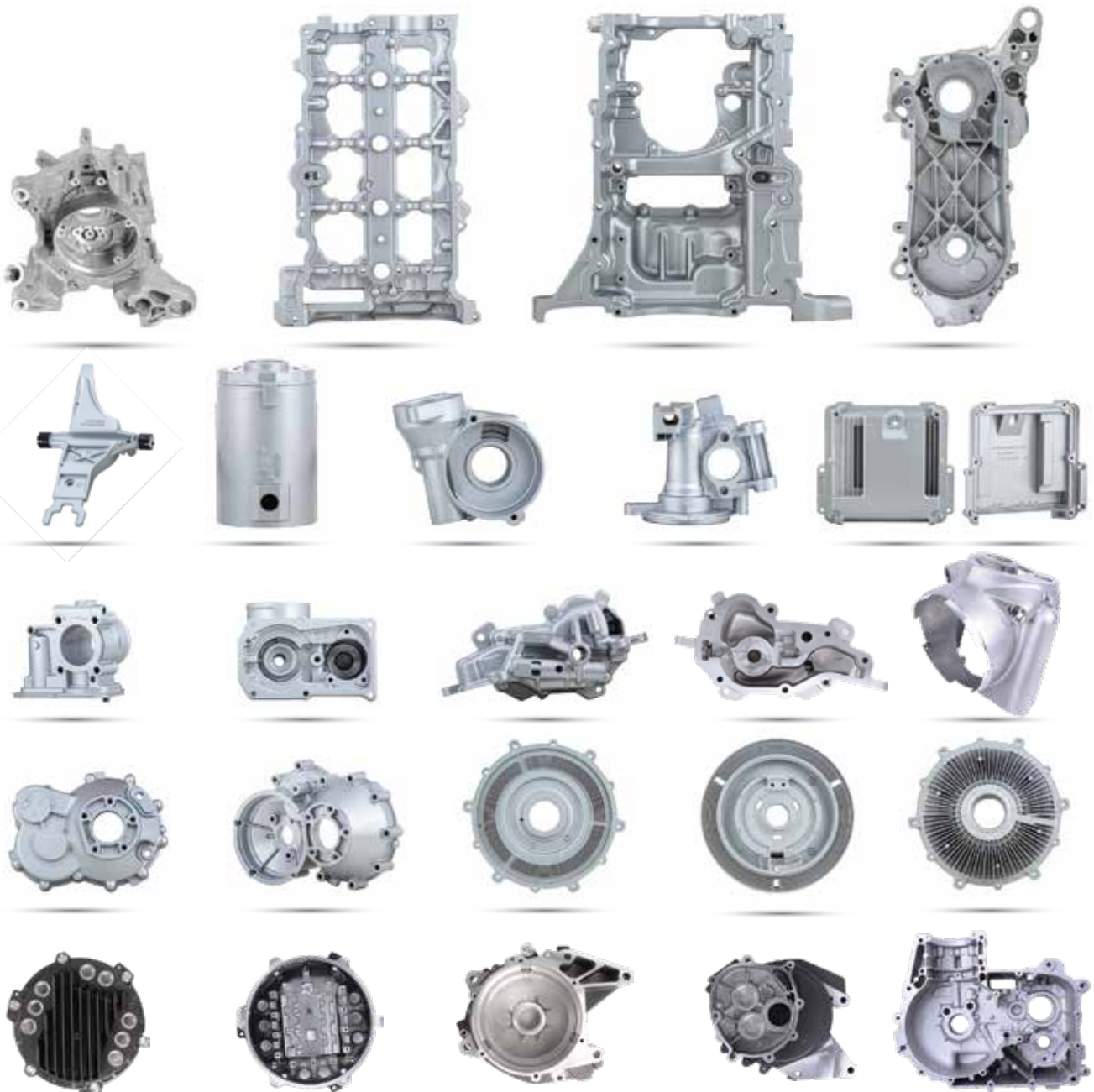




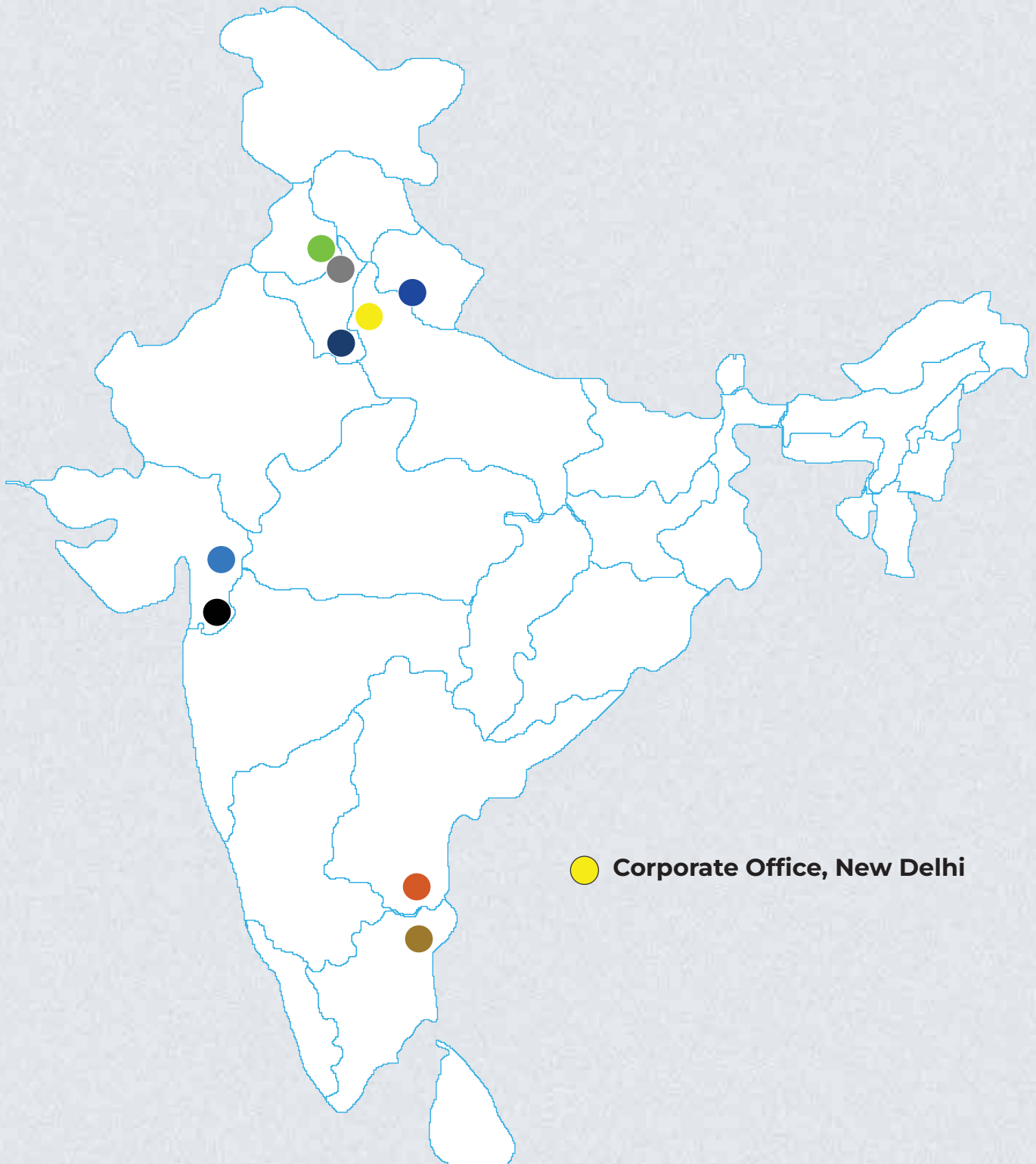
# PROCESS

## HIGH PRESSURE DIE CASTING

- ▶ Over 120 HPDC machines from 250T-1250T, expanding to 1800 Tons
- ▶ Various Engine and Transmission parts for Two Wheelers and Four Wheelers
- ▶ Annual processing capacity of 60,000 tons of Aluminium Casting
- ▶ Casting components as heavy as 6.5 kg
- ▶ Wall thickness of 2.5 mm
- ▶ Daily production of over 1,50,000 components
- ▶ HPDC machines with real time shot control
- ▶ Process multiple alloys
- ▶ Dies upto 8 cavities
- ▶ Castings with critical porosity requirement
- ▶ Squeeze pin and heating cooling unit



## OUR PRESENCE



**NEW DELHI**

**01**

**Corporate Office**

**LUDHIANA**

**02**

HPDC, LPDC Casting, Machining,  
Assembly Painting

**MANGLI,  
LUDHIANA**

**03**

Drive Chain, Cam Chain  
Cone Set and Clutch Plate

**HARIDWAR**

**04**

HPDC, LPDC, GDC Casting,  
Machining, Assembly, Painting,  
Alloy Wheels (GDC)

**BAWAL**

**05**

HPDC, Machining, Assembly, Painting,  
Alloy Wheels (GDC)

**CHENNAI**

**06**

HPDC Casting  
Machining  
Painting, Powder Coating

**SURAT**

**07**

Carbon Composite Parts  
Hand Laminated Prepreg Autoclave  
Components

**HALOL,  
VADODARA**

**08**

HPDC, LPDC, GDC Casting,  
Machining, Assembly, Painting,  
Alloy Wheels (GDC)

**TIRUPATI**

**09**

LPDC Alloy Wheels for Cars  
GDC Alloy Wheels for 2-Wheelers  
Machining and Painting

## Overseas Warehouses



Queretaro, Mexico



Louisville, Ohio, USA



Alzenau, Germany



## LOW PRESSURE DIE CASTING

- ▶ Over 30+ LPDC machines and separate dedicated LPDC line for car alloy wheels
- ▶ Annual Capacity of 30,000 tons of aluminium casting
- ▶ In-house facilities for manufacturing sand cores
- ▶ Daily production of over 30,000+ components
- ▶ In-house facility for T6 Heat Treatment
- ▶ Porosity inspection using state of art X-Ray inspection with 3D CT Capabilities



## GRAVITY DIE CASTING

- ▶ Intergrated manufacturing facility for GDC parts like Alloy wheels & Shock Absorber bottom case
- ▶ Over 160 GDC machines
- ▶ Annual processing capacity of 80,000 tons of aluminium casting





## PRECISION MACHINING

- ▶ Over 300 CNC Turning, VMC & HMC machines
- ▶ Dedicated Special Purpose Machines for large volume production
- ▶ Machining Critical Components for automotive transmission, engine, chassis & other applications
- ▶ In line leak testing and ultrasonic washing



## ASSEMBLY AND MODULES

- ▶ A wide supplier base for sheet metal parts, forgings, springs, sintered products, seals, plastic parts, bearings, friction material, etc. gives Rockman the expertise to supply full assemblies and modules to its customers.
- ▶ Produces over 90,000 assemblies on a daily basis including highly critical and safety related productions like brake drum assembly, wheel hub assembly



## SURFACE TREATMENT

- ▶ Environment friendly integrated paint facility
- ▶ Chrome free pre-treatment system
- ▶ 2C1B electrostatic liquid paint line
- ▶ Liquid Painting using Electrostatic Guns
- ▶ No manual handling from pre treatment to Finish
- ▶ Manage multi colour without line stoppage/line loss
- ▶ Zero Discharge Paint Shop
- ▶ Facility for Heat Resistance Painting



# ROCKMAN ADVANCED COMPOSITES

It is an AS9100D & ISO 9001 certified Indo-British enterprise, a part of Rockman Industries Ltd (Hero Group). Exports over 90% of its output to the UK, US and Europe.

## CORE STRENGTHS

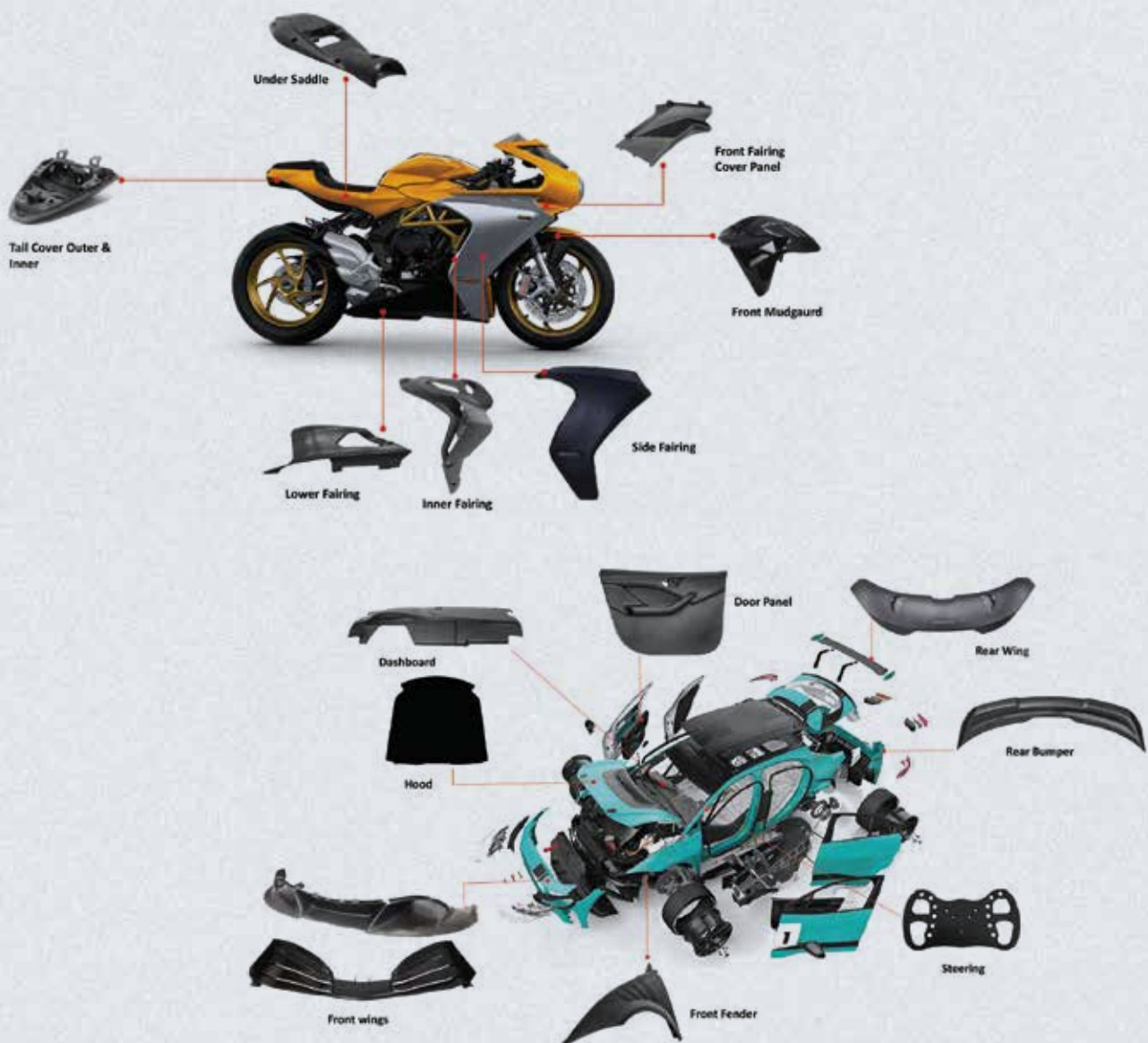
- ▶ One-stop-solution-from prototypes to production runs
- ▶ Detailed designing & structural analysis
- ▶ Material selection & laminate designing
- ▶ In-house pattern, mould, jig, part designing and manufacturing
- ▶ Varied Product portfolio & diversified customer base
- ▶ Desired quality at competitive prices and tight timelines

## INDUSTRIES SERVED

- ▶ Automotive
- ▶ Motorsports
- ▶ Renewable Energy
- ▶ Aerospace & Defence
- ▶ Medical
- ▶ Sporting goods
- ▶ Electric Vehicles

## CERTIFICATE AND AWARDS

- ▶ AS 9100D
- ▶ ISO 9001 2016
- ▶ ICERP-JEC 2017(Wind Energy)
- ▶ ICERP-JEC 2013(Medical & Sports)
- ▶ ICERP-JEC 2015(Art & Automotive)





## OUR VALUABLE CLIENTS

### 2W OEMs, Domestic



### 4W OEMs, Domestic



### Tier 1 - Domestic



### OEMs & Tier 1 – Electric Vehicle



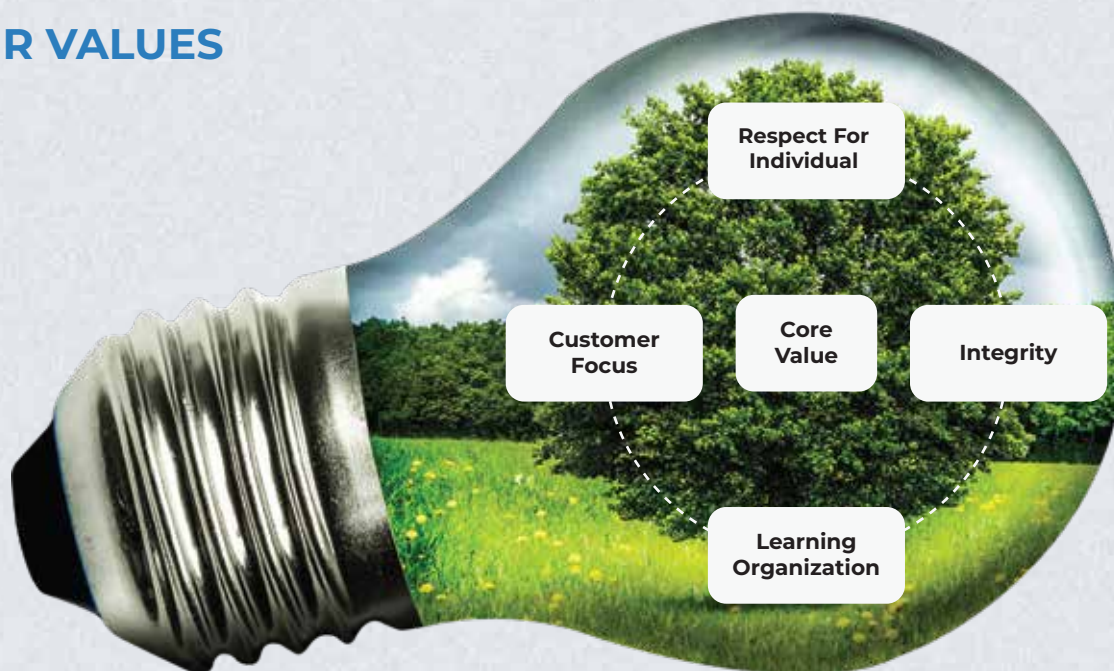
### Exports



## OUR MISSION

Set highest standards in business practices and be partners in growth of customers by delivering engineering products, services and solutions in innovative and cost effective ways.

## OUR VALUES



# ROCKMAN

### Corporate Office :

503, 5th Floor Rectangle 1, D4, Saket District Center, New Delhi – 110 017  
Phone: +91 11 4327 0701 – 04

### Plant I Ludhiana :

A-7, Focal Point, Ludhiana- 141 010 (Punjab), India; Tel: +91 161 2670701-04

### Plant II Haridwar :

3/P1, IIE, SIDCUL, Sector 10, Haridwar- 249403 (Uttarakhand), India; Tel: +91 1334 239811-14

### Plant III Mangli :

Phase 8, Focal Point, Mangli, Ludhiana-141010, India; Tel: +91 161 6671700

### Plant IV Bawal :

Plot No. 34, Sector 5, Phase II, HSIIDC Growth Centre, Bawal-123501,  
Haryana, India; Tel: +91 1284 269760

### Plant V Chennai :

7/B Cheyyar Sipcot Industrial Estate, Chella Perumbulimedu - 631701,  
Tamil Nadu, India; Tel: +91 44 24990423

### Plant VI Surat:

194-195 SurSEZ, GIDC Sachin, Surat, Gujarat 394230, India Tel: +91 2616555755 / 855

### Plant VII Tirupati :

Industrial Park, Pagali, Pagali Village, Yerpadu Mandal, Tirupati, Andhra Pradesh – 517619, India

### Plant VIII Vadodara :

Milestone No. 32/400, Village Post Asoj, Vadodara Halol Highway, Vadodara, Gujarat – 391510, India