



**BALU**<sup>®</sup>  
**FORGE**

Balu Forge Industries Ltd (BFIL)

Group Profile

2024

# Balu Forge Industries Ltd (BFIL)

## Who we are & What we do ?

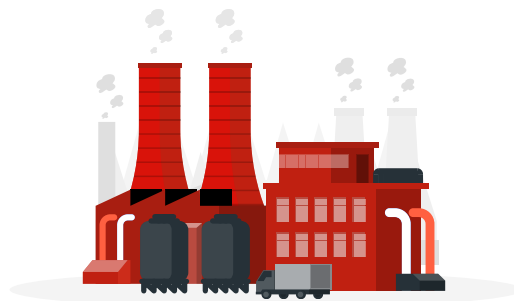


## Company Overview

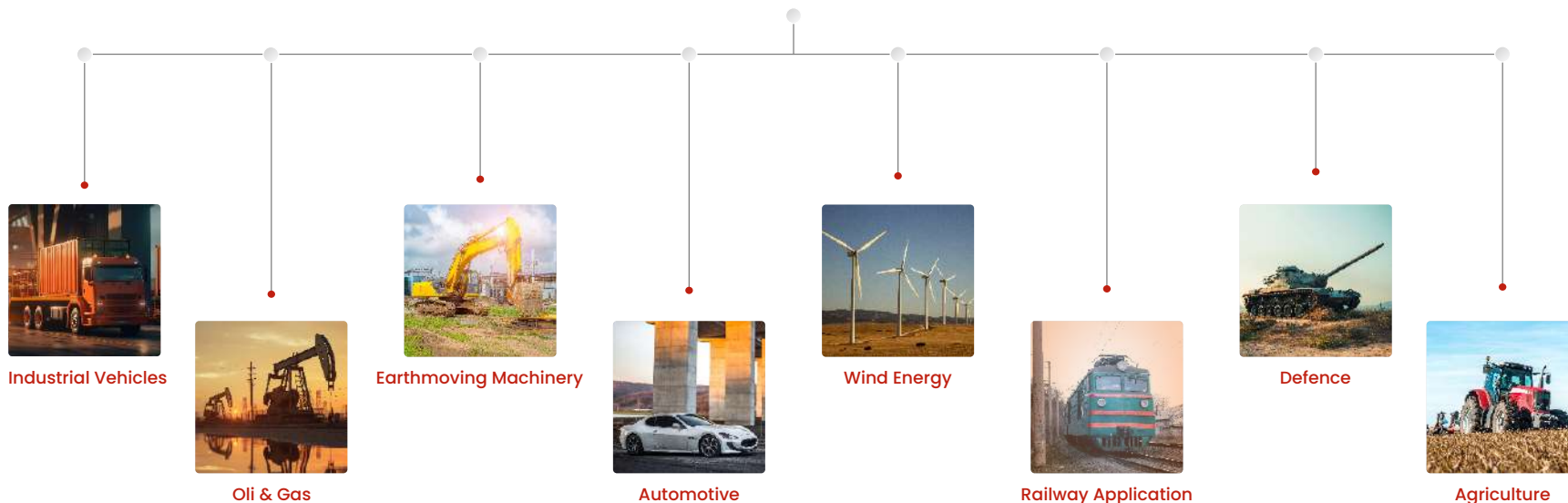
Balu had a humble beginning in the year 1989, in Belgaum, India. It has been a long journey & over three generations of the Balu Family have worked to build a truly global enterprise. But we have only just started & endeavor to become one of the largest Precision Engineering & Metal Forming Company in the world. We have also adapted to the changing times & enhanced our product portfolio to meet both the needs of both the Conventional ICE Applications & the New Energy Vehicles.

# Balu Forge Industries Ltd (BFIL)

## Industries Served & Applications



Industries Served & Applications



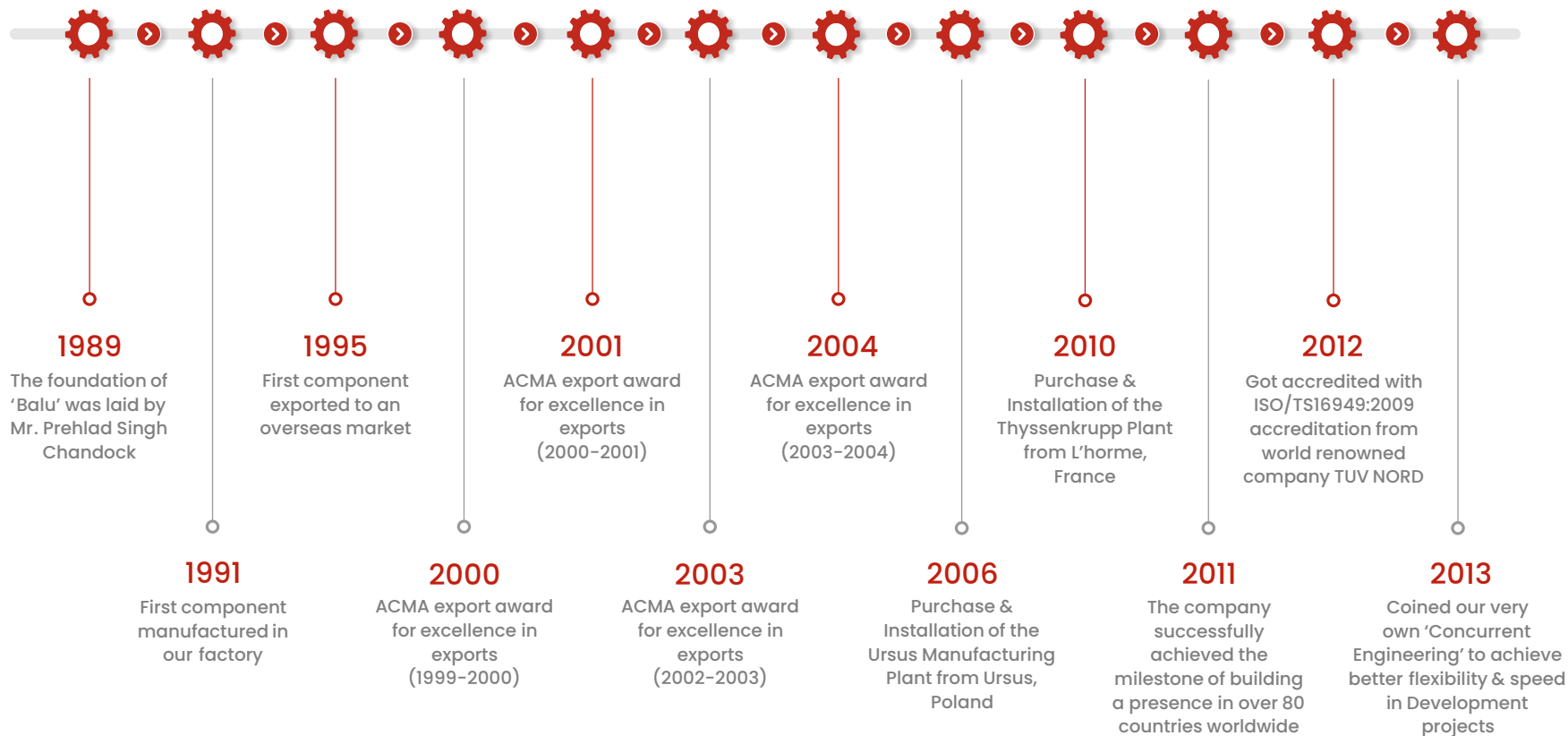
## Industries Served & Applications

Agriculture : Tractors, Harvesters | Heavy Duty : Trucks, Buses, Trailers | Automotive | Generators : Industrial, Standby, Home backup, Portable | Oil & Gas : Pumps & Compressors | Refrigeration : Compressor | Industrial | Off Road & On Road : Motorcycles, Carts, Jet Skis | High Performance : Racing Series | Locomotive | Marine | Aerospace

# Balu Forge Industries Ltd (BFIL)

## Company History and Key Milestones

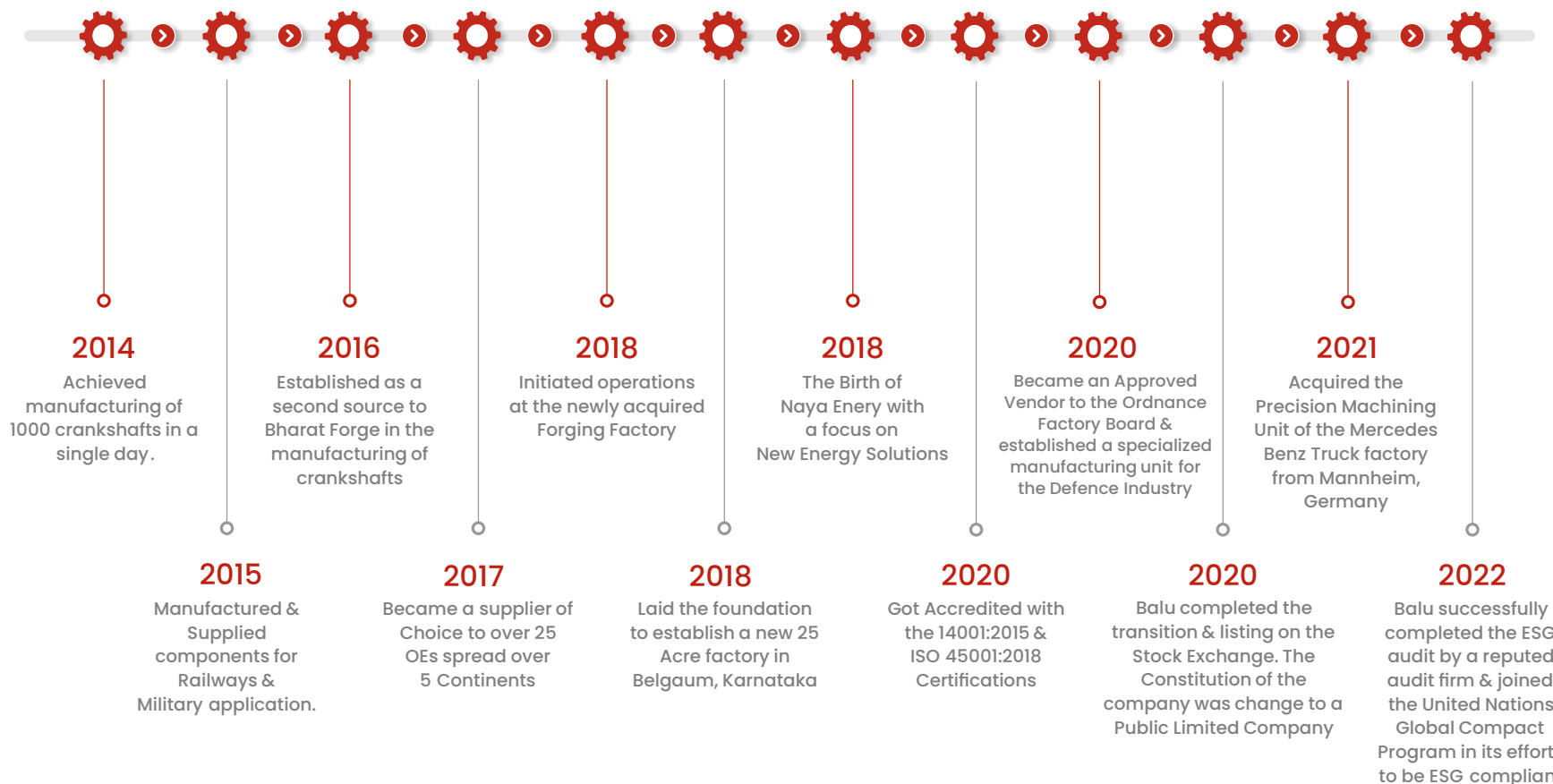
### Our History & Key Milestones



# Balu Forge Industries Ltd (BFIL)

## Company History and Key Milestones

### Our History & Key Milestones



# Balu Forge Industries Ltd (BFIL)

## Accolades & Certifications



Balu has been rewarded for its excellence in automotive engineering by the **Automotive Component Manufacturing Association (ACMA)** which is a GOVT of India Company



Certifications for the continued excellence in engineering

## Accolades & Certifications

We have won numerous export & supplier awards over three decades of manufacturing excellence. We have been rewarded with IATF 16949:2016 | ISO 9001:2015 | ISO 14001:2015 | ISO 45001:2018 certifications for the continued excellence in engineering.

## Balu Forge Industries Ltd (BFIL)

### Factories

#### ● PLANT ADDRESS UNIT 1

43 -B, Kakti Industrial Area, Kakti, Belgaum - 591113, Karnataka, India.

**Area Size : 5 acres**

#### ● PLANT ADDRESS UNIT 2

44 -A, Kakti Industrial Area, Kakti, Belgaum - 591113, Karnataka, India.

**Area Size : 2 acres**

#### ● PLANT ADDRESS UNIT 3

Sharjah United Arab Emirates.

**Area Size : 1 acres**

#### ● PLANT ADDRESS UNIT 4

428/1, Next to Aequs SEZ, Hattargi Village, Taluk Hukkeri - 591243, Karnataka, India.

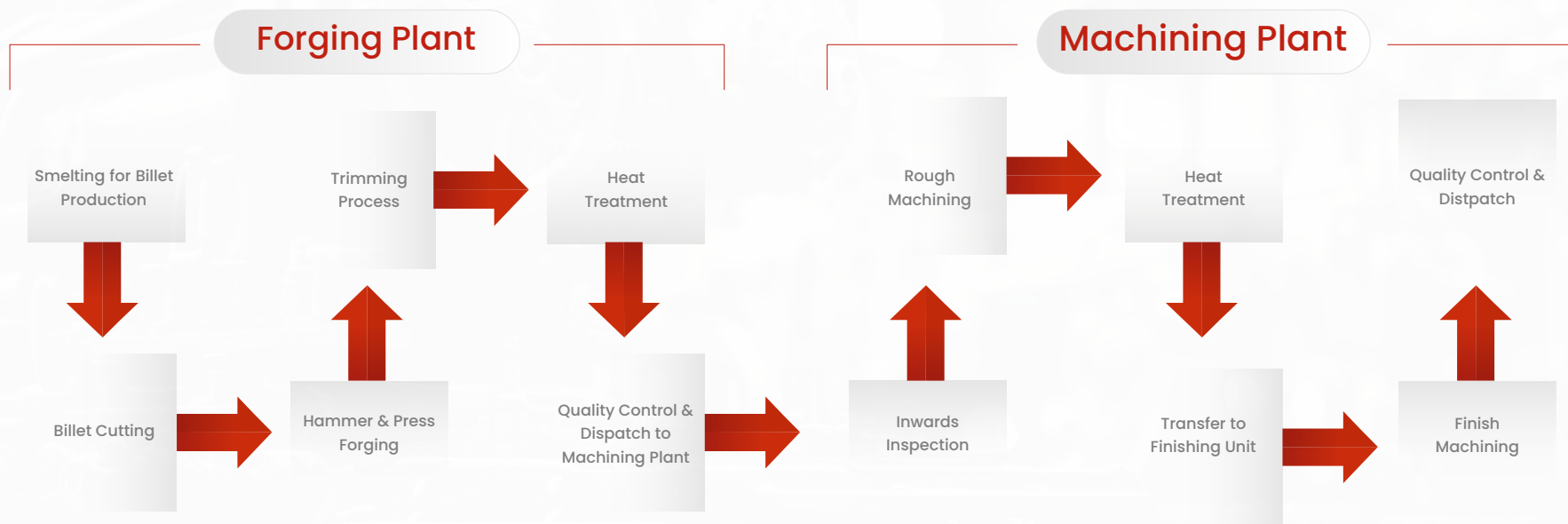
**Area Size : 46 Acres (Planned)**

#### ● HEADQUARTER

5th Floor, Imperial Palace, 45, Telly Park Road, Andheri East, Mumbai - 400 069, Maharashtra, India.

# Balu Forge Industries Ltd (BFIL)

## Infrastructure Overview



## Infrastructure Overview

We have a Fully Integrated Forging Unit with a large product portfolio offering to our customers ranging from 1 Kg to 1000 Kgs. The Forging Unit comprises Both Closed Die Forging Hammers & Presses with the largest offering being a 16 T Forging Hammer. This offering is spread over a large number of applications & Industries namely Automotive, Off Road & On Road Vehicles, High Performance Applications, Industrial, Heavy Duty, Oil & Gas, Marine, Defence, Railways, etc.



# Balu Forge Industries Ltd (BFIL)

## Infrastructure Overview of the Forging Division

Raw Material Storage



Billet Cutting

Forging Hammer



### Forging Division

Forging Presses



Die Making



Heat Treatment



# Balu Forge Industries Ltd (BFIL)

## Infrastructure Overview of the Machining Division



Finish Machining



Post Grinding



Machining Centers

Machining Division



Heat Treatment



Quality Control & Tool Room



Rough Machining

# Balu Forge Industries Ltd (BFIL)

## The Defence Project



Crank Shaft



Breach Base



Road Wheel Arm



Flange



Crank 690



Hub Carrier



Track Link



Intermediate Gear



Track Guide



Sun Gear



Shoe



Gear Ring ( Solid )



Clamp



Gear Ring (Hollow)



Government of India  
Ministry of Defence  
Ordnance Factory Board  
10A, S.K. Bose Road  
Kolkata - 700001



### CENTRALISED VENDOR REGISTRATION CERTIFICATE

This is to certify that M/s BALU INDIA, 4B-D, KAKATI IND AREA, KAKATI Belagavi (Belgaum), BELGAUM Karnataka is registered at Ordnance Factory Board for following items.

Sl. No.	Factory / Unit	Item Nomenclature	Initial Date of Registration
1	Ordnance Factory Karapur	Conversion of steel bars into extractor lower as per d/g no 2A020281[02]	14-11-2019
2		Conversion of steel bars into extractor upper as per d/g no 2A020290[02]	14-11-2019
3	Ordnance Factory Muradnagar	FORGING AND MACHINING OF TA LINK (612010020)[01]	13-03-2020
4		FORGING & MACHINING OF TA GUIDE (612010020)[01]	13-03-2020
5		FORGING & MACHINING OF TA CLAMP (6120100130)[01]	13-03-2020
6		FORGING AND MACHINING OF TA SHOE (612010021)[01]	13-03-2020
7	Heavy Vehicle Factory	BRACKET TO 390101002[09]	12-12-2020
8		STRAP FORGING TO 390101102[09]	12-12-2020
9		COVER PLATE FORGING TO 390101104[09]	12-12-2020
10		LOCK FORGING TO 390101105[09]	12-12-2020
11		HANDLE FORGING TO 390101107[09]	12-12-2020
12		HANDLE LOCK FORGING TO 390101107[09]	12-12-2020
13		ROD FORGING TO 390102102[09]	12-12-2020
14		SUPPORT FORGING TO 390102102[09]	12-12-2020
15		COLLAR FORGING TO 390102111[09]	12-12-2020

## The Defence Project

A large part of the Capital Investment for the next 10 years is planned towards Defence Production with also key Joint Ventures / Technology Partnerships in the Pipeline. The key areas planned in the coming years are Artillery, Undercarriage parts for Armored Vehicles, Weapons & Ammunition for Light & Heavy regiments and Forged & Machined Components for the Engine Division. There is a Dedicated Unit planned for Ammunition & Advance Defence System Production in partnership with prominent players in the Global Defense Production Mix. In Addition to the Dedicated Defence Production Facility, the R&D & Innovation Campus in Belgaum, India will spearhead the strategy laid down to build Advance Defence systems & solutions. The R&D unit will work through a 4000 Square Meter Technology Center fully equipped with State of the art Equipment. We have also secured & successfully supplied for many years to Defense Forces in two prominent European Countries and executed supply as a single source to these nations. There will continue to be a strong focus on further expanding the reach & customer base amongst more Defense Organizations globally & building a strong Defence Production Center for the Local & Global Defence Industry.

# Balu Forge Industries Ltd (BFIL)

## The Railway Project



### MANUFACTURING PROCESS

#### WHEELS



#### AXLES



#### WHEEL SETS



## The Railway Project

BFIL has evolved to produce a wide range of wheels, axles & wheel sets to meet the needs of our customers. Hence contributing sustainably to the Indian government's Make in India initiative. We are one of the few fully integrated businesses, producing wheels, axles & wheel sets all under one roof. The firm has an experienced railway vehicle design & development team on hand to serve our patrons with prompt, high-quality & end to end solutions. The company meets the bulk requirements for locomotives, passenger vehicles, freight vehicles & other coaching vehicles in terms of wheels, axles & wheel sets. We produce high-quality wheel sets for clients all over the world with a production capacity of about 6,000 wheelsets per year to start with offering a diverse application suitable for railway wagons, passenger coaches & locomotives in various gauges. The company has successfully initiated supplies to Indian Railways & successfully negotiated a long term contract with a Middle Eastern nation.

# Balu Forge Industries Ltd (BFIL)

## New Energy Vehicle Sector



At Balu we endeavor to be ahead of the curve in the New Energy Vehicle Space with a clear emphasis & focus on Development of Efficient & Innovative Solutions for the New Energy Vehicle Sector. With decades of experience in Precision Machining & Metal Forming, we have used this to our advantage to offer a range of products for the New Energy Vehicles. Product Range: Our Solution Ranges from a range from products in the through the Space of BEVs/PHEVs/Hydrogen Vehicles. The process involved conventional automotive excellence partnered with the incremental innovation to offer minimum weight, maximum load-bearing capacity, high reliability & overall cost-effectiveness.



## PRODUCTS MANUFACTURED



**Rotor Carrier**  
Electric & Hybrid  
Vehicles



**Main Drive Shafts**  
Electric Vehicles



**Toothed Shaft**  
Electric Vehicles



**Eccentric Shafts**



**Shaft**  
Hybrid Vehicles



**Transmission Shafts**  
Electric Vehicles



**Drive Shafts**  
Electric Vehicles



**Rotor Shafts**  
Electric Vehicles

# Balu Forge Industries Ltd (BFIL)

## Powertrain Subassembly



- Focus :  
Offering assembly solutions to our partners to aid in a plug & play solution to the assembly lines
- Product Offering :  
Primarily to the Agricultural equipment sector & will shortly also offer solutions for the Heavy Duty applications
- Product Assembly Overview :  
Crankshaft, Cylinder Block, Cylinder liner, Bearing, Pistons (Complete set incl of Pistons, Pin & Rings), Connecting Rods

The Images are from our Tractor Range of Half Engines & is for representative purpose only



# Balu Forge Industries Ltd (BFIL)

Key & Core Component



Crankshaft



Under Carriage



Transmission & Clutches



Chassis



Oil & Gas Flow Control



Hydraulic Motors

# Balu Forge Industries Ltd (BFIL)

Key & Core Component



Brake Parts



Hooks



Towing Accessories



Turbine Blades





TOGETHER WE WILL WIN

