BALU FORGE®

BALU FORGE INDUSTRIES LIMITED

OIL & GAS

PRODUCT CATALOGUE

PRECISION ENGINEERING &
POWERING THE FUTURE

ABOUT US

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.

- Precision Engineering & Manufacturing Company
- Manufacturing excellence using the best Industry 4.0 practices to achieve scale & efficiency in manufacturing
- Forging (Metal Forming) & Precision Machining under one roof
- Manufacturing components conforming to New Emission Regulations & New Energy Vehicles
- Three Decades of Manufacturing Excellence
- Spectrum of Industries Served from Agriculture, Oil and Gas, Railway, Defence, etc.
- Gainful Employment to more than 1000 personnel
- Export & Distribution Network in over 80 Countries & successfully supplying to over 25 OEMs globally

OUR VISION

To become a global leader in manufacturing and supplying high-quality forgings and precision engineering components

OUR MISSION

To manufacture and deliver superior quality products that meet or exceed customer expectations in terms of performance, reliability, and cost-effectiveness

INDUSTRIES SERVED AND APPLICATION

AGRICULTURE

OIL AND GAS

DEFENCE

RAILWAY

AUTOMOTIVE

EARTHMOVING MACHINERY

INDUSTRIAL VEHICLES

WIND ENERGY

HISTORY HOW WE STARTED BALU

1989

The foundation of 'Balu' was laid by Mr. Prehlad Singh Chandock

1991

First component manufactured in our factory

1995

First component exported to an overseas market

2006

Acquisition & Installation of the Ursus Manufacturing Plant from Ursus, Poland

2010

Acquisition & Installation of the Thyssenkrupp Plant from L'horme, France

2011

The company successfully achieved the milestone of building a presence in over 80 countries worldwide

2012

Got accredited with ISO/ TS16949:2009 accreditation from world renowned company TUV NORD

2014

Achieved manufacturing of 1000 crankshafts in a single day

2017

Became a supplier of Choice to over 25 OEs spread over 5 Continents

2020

Got Accredited with the 14001:2015 & ISO 45001:2018 Certifications. Became an Approved Vendor to the Ordnance Factory Board & established a specialized manufacturing unit for the Defence Industry. Balu completed the transition & listing on the Stock Exchange. The constitution of the company was changed to public limited company

2021 / 2022

Acquired the Precision Machining Unit of the Mercedes Benz Truck factory from Mannheim, Germany

Balu successfully completed the ESG audit by a reputed audit firm & joined the United Nations Global Compact Program in its efforts to be ESG compliant

2023 / 2024

Laid the foundation for the greenfield forging & machining facility spread over 46 Acres in Belgaum, India

2024

Acquisition of 3 fully automated forging lines with GERB Technology namely: 16T, 10T Forging Hydraulic Hammer & 8000T Forging Press. These machines contribute to a combined forging capacity of 72,000 tons annually

2024 / 2025

Invested in 7 axis, 11 axis machining capability, 25T Hydraulic hammer line

CORE COMPETENCY

The Core Competencies which distinguish us from our competitors & the pillars which have ensured the building of a strong brand worldwide are as below:

- Complete CNC manufacturing capability
- Over three decades of experience in Precision Engineering
- Diversified Product Portfolio & Applications
- Supplier of choice for OEMs
- State of the Art Manufacturing set up
- In-house tool room
- In-house Metallurgical lab
- Dedicated R&D Facility
- Strong Emphasis on New Energy Vehicles & Components
- All machining & forging operations in-house
- Well established brand worldwide
- Fully Integrated Plant providing full supply capability to its Geographically dispersed customers from concept to Product design, engineering, manufacturing, testing & validations, Highly skilled work force with a technologically advanced plant
- In-house capability to manufacture a product from 1 Kgs to 1500 Kgs & upto 3 meters long
- Supply base comprising over 25 OEMs both in India & overseas
- Aftermarket customer & distributor base in over 86 countries

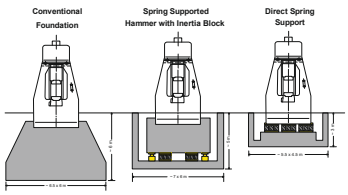
ADVANCED FORGING

BFIL offers cutting-edge forging capabilities with its advanced GERB technology.

25 Ton, 16 Ton, 10 Ton Hydraulic Hammer and 8000 Ton Mechanical Press.

Forging Capacity : 150,000 MTPA

- Hydraulic Power Head.
- Enhancing capacity of the Hammer, resulting in significant energy saving.
- Anti Vibration Technology from GERB Germany.
- Increases accuracy and enhances life of the Presses and Hammers.
- Increase in uptime of Hammers (No Breakdown).
- It reduces vibration up to 90%.



PRECISION MACHINING

BFIL specializes in precision machining with advanced 7-Axis & 11-Axis capabilities.

Machining Capacity : 80,000 MTPA

7 Axis Machining

Our state-of-the-art 7-axis machining delivers unmatched precision and efficiency for complex manufacturing requirements. This advanced technology allows simultaneous movement along seven axes, enabling the creation of intricate geometries and fine details that traditional methods cannot achieve.

11 Axis Machining

Our state-of-the-art 11-axis machining offers unmatched precision, efficiency, and versatility for manufacturing complex parts in the aerospace sector. It aids in achieving higher precision, shorter setup time, increased productivity, complex geometries, increases flexibility & enable higher customisation. These factors make 11-axis machining ideal for producing high-precision, complex parts in industries requiring tight tolerances and reduced turnaround times.

PRODUCTS RANGE

GATE VALVES

Gate valve is a linear motion valve used to start or stop fluid flow in oil and gas pipelines. It provides a tight seal and is ideal for high-pressure and high-temperature applications.

CHOKE VALVES

Precision-engineered choke valves regulate flow and pressure in oil and gas pipelines, ensuring optimal well performance and safety in high-pressure environments.

MUD GATE VALVES

Designed for high-pressure drilling applications, mud gate valves ensure reliable flow control and durability in handling abrasive drilling fluids in the oil and gas industry.

PRODUCTS RANGE

PRESSURE CONTROL EQUIPMENT

Engineered to withstand extreme pressures, these systems include blowout preventers, control valves, and manifolds, providing critical safety and operational control in oil and gas exploration and production.

CHICKSAN LOOPS & SWIVELS

Chicksan Loops & Swivels are flexible, high-pressure components that ensure leak-proof fluid transfer in dynamic oil and gas operations.

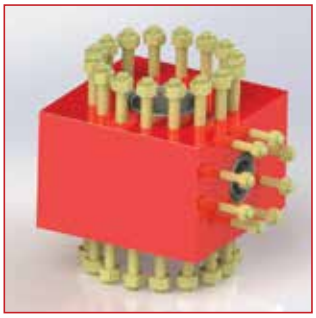
HAMMER UNIONS & PUP JOINTS

Hammer Unions are robust, high-pressure connectors designed for quick and reliable assembly in oil and gas operations. Pup Joints are short sections of pipe used in oil and gas operations to adjust the length of drill strings, casing, or tubing.

PRODUCTS RANGE

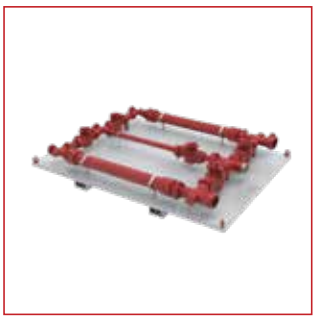
FLANGES, TEES, CROSS, X-OVERS

Flanges, Tees, Crosses, and X-Overs are crucial fittings in oil and gas systems, designed for secure connections, efficient flow, and reliable performance under high pressure.



MANIFOLD UNITS

Manifold units regulate and distribute fluid flow in oil and gas operations, ensuring efficient routing and pressure control.



FORGED HYDRAULIC FITTING, STUBS ENDS

Built to endure extreme pressures and ensure reliability in oil and gas applications. Ideal for hydraulic systems and pipelines, these fittings and stub ends provide durability, seamless integration, and simplified maintenance.

NOTES:

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PLANT ADDRESS UNIT 3
428/1, Next to Aequs SEZ, Hattargi Village,
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S21-03, Shed No.21, Al Hulaila FZ, Al Hulaila
Industrial Zone-FZ, Ras Al Khaimah (RAK), UAE.

COMPANY WEBSITE

www.baluindustries.com