

1. COMPANY PROFILE



Shrikant Badve
Managing Director

FOREWORD BY MANAGING DIRECTOR

Belrise Group of industries is a diversified business house in India. Belrise group owes its leading position in the Automobile Industry with its strong focus on Technologies.

We are specialized in manufacturing of Exhaust Systems / Chassis / Press Parts / Automotive plastic parts for 2/3/4 Wheelers & home appliances.

Belrise group has in total 30 plants located all over India having facilities based on customer requirements.

Belrise Industries Ltd, (erstwhile known as Badve Engineering Ltd) was established in FY 1988-89 with a small unit led by Mr. Shrikant Badve with the initial sales turnover of 0.9 Crore (INR) & reached the milestone of 6616 Crore (INR) in FY 2023-24.

Belrise Industries Ltd, Khalumbre, Chakan, Pune is engaged in manufacturing of 2 wheeler frames since from 2013
The Plant is headed by Mr. Nishikant N. Joshi.

Plant consists of Fabrication Shop, Surface treatment Shop & Sub assembly shop as main manufacturing facilities.

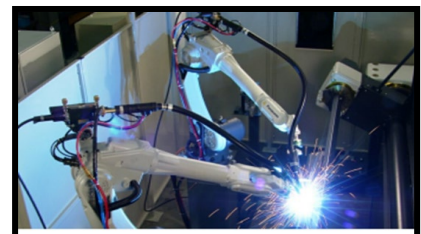


FABRICATION SHOP:

Total 07 different lines with 89 MIG welding robots with make of Fanuc, Panasonic & ABB

We have Projection Welding, Stud Welding and SPM's with Utility facility. The automation level is to the tune of 82%. The total capacity of all lines is 3310 Nos/day.

Additional facilities include well-equipped fabrication Quality laboratory to carry out Faro arm (CMM) inspection facility, various product testing, like welding penetration/UTM testing etc.



PAINT SHOP:

I-Beam 4" Overhead Conveyor with VFD, Conveyorized PT-ED Line. Powder Coating, Fully Equipped Lab, SCADA Facility (Key Points Record in Computer System)

IOT (Data accessible to Customer Portal), Camera Based Visual Inspection Auto Paint Sludge Removal System, PLC Controlled Electrical Panel



SUB ASSEMBLY SHOP:

Conveyorized frame assembly, Assly main models 13 Nos., Variants: 69 Nos.
Avg. Child parts/Assly: 110 Nos.
Auto torque confirmation by DC tool, Automation Centralized Annunciation System for minor Stoppage control, Part code scanning system for similar looking A class mix-up part prevention.



PRODUCT RANGE:

Belrise Industries Ltd. Khalumbre, Chakan is engaged in manufacturing of Frame for 2 wheeler models – Pulsar, Dominar, Avengers, Chetak.



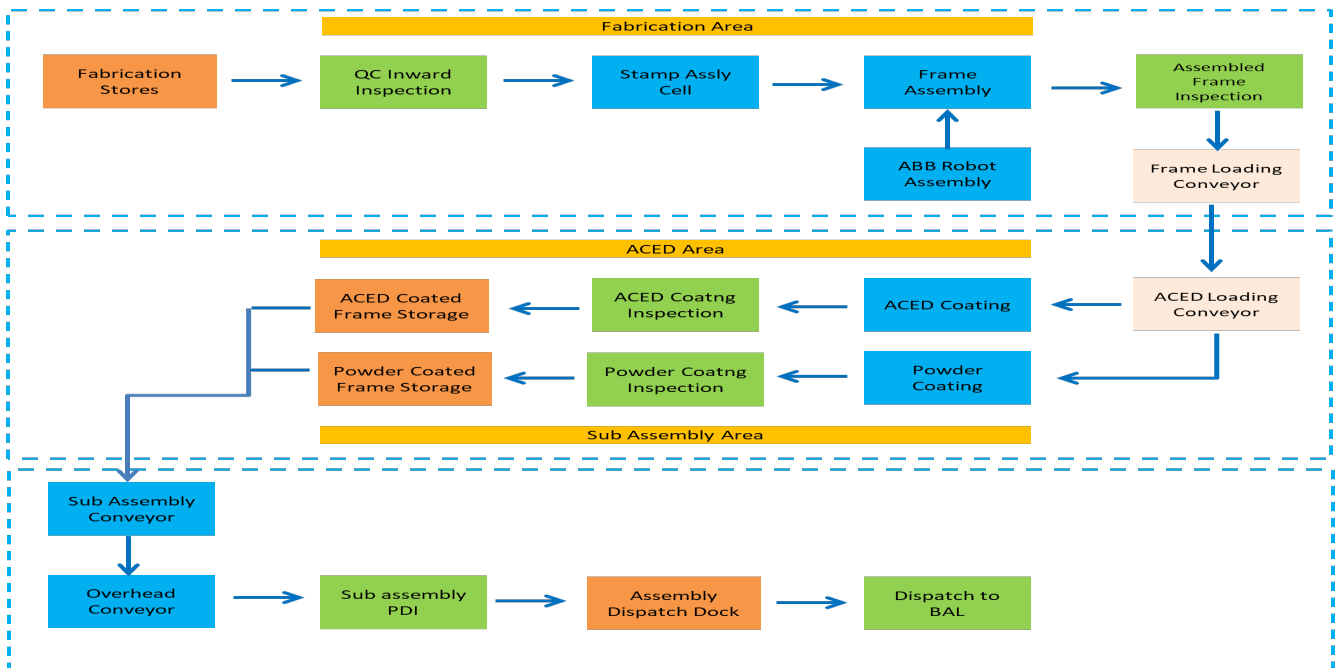
CUSTOMERS:

Belrise Industries Ltd, Khalumbre, Chakan has been continuously improving the process and quality of products. Our Plant is dedicated to Bajaj Auto Ltd.
We are having 99.5% business with Bajaj Auto Ltd & rest 0.5% with Kawasaki.



PROCESS:

As an integrated automobile plant, Belrise Industries Ltd. has all necessary manufacturing processes for fabrication parts.



STAFF STRUCTURE: Total manpower consists of 14 managers, 118 Engineers, Technician 56 & 906 workmen. Plant operates in 2 shift basis & six days in a week.

2. JOURNEY OF MANUFACTURING EXCELLENCE



Nishikant N. Joshi
Cluster Head

FOREWARD BY CLUSTER HEAD

It gives me immense pleasure to write a brief note about our plant Belrise Industries Ltd. Khalumbre plant formed in year 2013, we started manufacturing & supplies of Frames for 2 wheeler.

I am proud to share that our team not only developed quality product within customer cost target but also successfully ramping up to cater the increasing customer requirements in all product categories.

The challenge in this changing market has been to sustain the competitive edge technically and commercially to survive. It is no more a choice but necessity. TPM is a quite clear tool which systematically takes us to optimise our investments, expenses & gains.

We started this TPM journey in year 2021 & practicing from last 3 years for Bajaj Auto Ltd. We have been able to take a lot of positives from TPM journey which helped us building a healthy work culture. Few of the influences are-

- We achieved (CUSTOMER-BAJAJ) Quality Award “Silver” in 2022 for performance of FY 2020-21.
- We achieved (CUSTOMER-BAJAJ) Quality Award “Gold” in 2023 for performance of FY 2021-22.
- We achieved (CUSTOMER-BAJAJ) Quality Award “Platinum” in 2024 for performance of FY 2022-23.
- We won various Kaizen competition awards in Belrise Group Competitions.
- We won Best kaizen awards in External Kaizen Competition from ACMA (Automotive Component Mfg. Association), CII (Confederation of Indian Industry), BAVA (Bajaj Auto Vendor Association), QCFI (Quality Circle forum of India)
- We are the winner in Auto Ancillary Award from Frost & Sullivan (IMEA) – 2021
- We achieved Integrated Manufacturing Excellence Initiative (IMEXI) Silver award in – 2022
- We achieved Integrated Manufacturing Excellence Initiative (IMEXI) Gold award in – 2023

After achieving BAL Quality Silver award, our team initiated the **JIPM TPM Excellence journey in 2023**, so as to reach to the depth of all 8 pillars along with 5S & take maximum benefit of this learning. We have been timely guided by Global Corporate Council India (GCCCI) team with their valuable inputs. The journey has been more accomplishing for the fact that, it has helped us to remain competitive and boosted the team’s morale. The gains for sure will help us to remain adaptive and agile organisation ready for the changing customer demands and business vulnerability.

I am proud of my team for their involvement and efforts because of which we are at a position to challenge the **JIPM TPM Excellence Award**. I express my sincere thanks to Global Corporate Council India (GCCCI) team for their valuable guidance & support. I am confident that we will be successful in this & all future endeavours.

3. BENEFITS ACHIEVED

Work Culture:

- Sense of ownership of equipment / process i.e. ‘I Operate, I maintain, I control’ People started focusing on theme based Kaizen implementation & participated more in external as well as internal competitions.
- People started believing the possibility of Zero Customer Complaints, Zero in process defects, Zero breakdowns and Zero Accident.
- People have started thinking Widely & Deeply in their areas / sections to improve from existing condition to next level.
- People now work as per the Flexibility of requirement and open for any changes. Sustenance of Improvements done by the operators.

System Orientation:

- TPM is part of IATF 16949:2016, ISO 45001:2018 & ISO 14001: 2015.
- Management objective are well linked to Plant Objective, Department Objective and then to Cell Objectives so as to focus on cell working in more meaningful and systematic way.
- Neat and clean working environment can be seen.
- Well defined system for maintenance spare management, Quality monitoring and Production monitoring.

Analytical Approach:

- Continuous Improvement / Focus on prevention of losses by eliminating the abnormalities, root cause analysis and Kaizen Implementation.

Flexibility:

- Flexibility in manufacturing due to Multi-skilled operator.
- Single line multi model concept.
- Production Output as per the Customer Demand.
- Manufacturing with less carbon imitation.

4. KEY OF OUR MANUFACTURING EXCELLENCE

- Vertical growth by Automation & Technology.
- Inculcate Excellence Culture, Upstream of our value chain, by extending TPM to our Vendor base & Challenge.
- Passed Successfully TPM Excellence Award – JIPM First Level Assessment in Q1 FY 2024-25.
- TPM Excellence Award – JIPM Final Assessment completed in Q3 FY 2024-25.
- Challenging (CUSTOMER-BAJAJ) TPM Assessment by Q1 FY 2025-26

Company & plant name	BELRISE INDUSTRIES LIMITED UNIT-1113, KHALUMBRE, CHAKAN, PUNE
TPM Slogan/Objectives	TPM - The Way Of Life

5. TPM Award Assessment Achievement Sheet

Category	Index (Calculation Formula)		Unit	Kick off/ TPM Started (2021)	Actual Status – Nov 2024	Target Mar-2025
S	Number of work-related accidents requiring days off work		Cases/ annually	00	00	00
S	Number of work-related accidents Not requiring days off work		Cases/ annually	00	00	00
P	Productivity for main products		Parts/Operator hours	10.54	15.22	16
P	OEE (or Overall Plant Efficiency)		%	77.22	87.48	90
P	Number of breakdowns		Breakdowns/ Occurrences/ Annually	140	32	00
Q	Number of customer complaints		Occurrence Number/ Annually	18	0	00
Q	In-line defect rate	Scrap	%	0.35	0.067	0.05
		Scrap and rework	%	3.3	0.31	0.30
C	Cost index (Manufacturing)		% Of Sale	2.71	2.36	2.30
D	Manufacturing Lead time in days		Days	150	90	85
D	Delivery performance		%	100	100	100
S	Safety index (Requiring Days Of Work)		Accidents per 100,000 operator hours	00	00	00
S	Number of accidents requiring absence (accumulation of past 2Y)		Number/ Annually	00	00	00
M	Number of Employee Suggestions		Number/ Annually	206	345	375
Other	<p><Specify achievements not expressible in numerical terms></p> <ol style="list-style-type: none"> Do you have a program where all employees can participate in TPM? Yes Do you have a program allowing employees to be recognized their achievements? Yes Are top management involved in the audit/verification of completion of TPM pillar steps? Yes Are all pillar activity boards displayed and reviewed by top management? Yes 					