

Company Profile



Shrikant Badve
Managing Director

Belrise Industries Ltd, (erstwhile known as Badve Engineering Ltd) was established in the year 1988 with a small unit led by Mr. Shrikant Badve with the initial sales turnover of 0.2 Crore (INR) & reached the milestone of 5412 Crore (INR) in FY 2022-23. This is first generation family own business group.

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 / Foundry parts, / Shock up / Mirror & Automotive plastic parts for 2/3/4 Wheelers & home appliances.

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



Vijay S. Kasture
(Vice President)

It gives me immense pleasure to write a brief note about our plant **Badve Auto comps Pvt. Ltd. - 1206** formed in year 2005, we started manufacturing & supplies of Moulding & Painting parts for 2 Wheeler, 3 wheeler & 4 wheeler part for Bajaj auto Ltd..

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 demand 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 strong tool which systematically takes us to optimise our investments, expenses & gains.



Badve Auto comps Pvt. Ltd. Plant 1206,

Gut No. 63-64 & 22-23-25, Shivrai, Po Waluj, Tq. Gangapur, Dist. Aurangabad, Maharashtra (India) is engaged in manufacturing Automotive Part-Moulding & Painting part of 2 wheelers ,3

wheelers 4 wheelers, Parts since Jan-2005. The company started its mass production from Mar.-2005

The Plant is headed by Mr. Vijay S. Kasture.

Plant consists of Mould shop & Paint shop as main manufacturing facilities.

Moulding Shop:

We deliver custom-built plastic and home appliance components with superior quality, we have moulding machine from range 60 T to 1800 T, we using 5 types of raw material (ABS, PP, PC, PA, LDPE) with 46 grades processed, Monthly 350 Ton material processed. Our plant post moulding Capabilities are: Ultrasonic Welding, Painting, Decal Application, & various Assembly. Ultrasonic and vibration welding process for ABS & PP Material.



Additional facilities include well-equipped Moulding Quality lab to carry out various mechanical & chemical test on product and material to ensure product quality.



Tool Room: for In-house manufacturing and mould maintenance we have well equipment tool room facility with following features.

- Well-equipped tool design center.
- Competent tool design team.
- Competent & well experienced tool & die maker team.
- 15 years of proven experience in tooling for automobile sector.
- Mold manufacturing aiming with first time right approach.
- Minimum mold development lead time.

Tool Room:

State-of-the art CAD/CAM facilities including Pro-E (Creo) , Auto Cad UG for mold design, Moldex-3D for mold flow analysis, DELCAM for machining program. (Power Shape and Power Mill)

Tool Manufacturing:

Currently we are a premium supplier of Injection Molds, Relation Gauges, Ultra sonic Robotic welding Fixtures, for 2 wheeler, 3 Wheeler and 4 Wheeler plastic products.

Paint Shop: Conveyored state of art paint shop installed by TaikiSha (Japan) having spray pre- treatment line, painting booths & baking oven. Additional facilities include fully equipped quality lab to check paint properties and to carry out various product testing. Our plant post molding Capabilities are: I-Beam Overhead Conveyor with VFD, Conveyored Spray Pre-treatment Line, Plural Component Electronic Proportional, Air Conditioned Decal Application Cabinet,



Fluidized Bed Jig Stripping Plant, Auto Paint Sludge Removal System, and Automatic Fire Fighting System
 Additional facilities include fully equipped quality laboratory to carry out various process / product testing.
 Post painting operations – Decal application, subassemblies, pre packing and assembly of Head Lamp (new line added).

Product Range: 2/3 & 4 Wheeler & Honeywell (Resideo) plastic parts

2 Wheeler product



1.1) 3 Wheeler product



1.2) 4 Wheeler product :

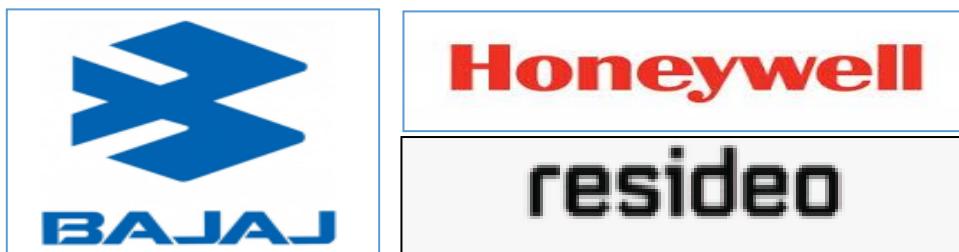


1.3) Honeywell (Resideo) :



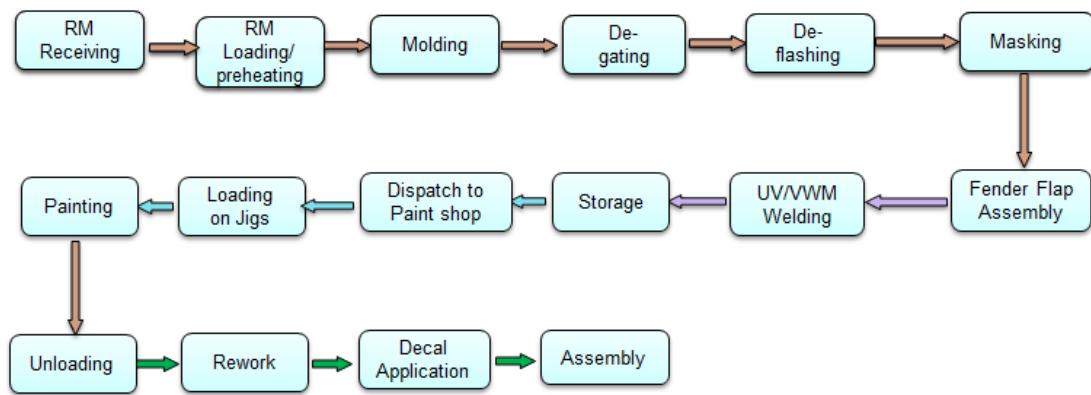
Customers:

Badve Autocomps Pvt. Ltd. Plant 1206, Aurangabad, has been continuously improving the process and quality of products. Our prestigious Customer are Bajaj Auto Ltd, Honeywell (Resideo). We are having 92% business with Bajaj Auto Ltd & rest 8% with other OEM's.



Manufacturing process flow:

As an integrated automobile plant, Badve Autocomps has all necessary processes for manufacturing of plastic moulded and painted parts. The process is moving with below flow.



Staff Structure: Total manpower consists of 22 managers, 140 Staff & 450 Associate. Plant operates in 3 shift basis & six days in a week. For gender diversification we are encouraging female empowerment

TPM Journey: We started this TPM journey in year 2008 & practicing from last 15 years. We have been able to take a lot of positives from TPM journey which helped us building a healthy work culture. Which is resulted in term of PQCDSM. Plant journey of various achievement is as follows

- TPM Kick Off – Nov' 2008
- Customer Quality Award Silver in 2009 for performance of FY 2008-09.
- Customer TPM First level Award in 2009.
- Customer Quality "Gold Award " - 2010
- System certification like ISO 14001:2004, OHSAS 18001:2007 Certification – 2011
- Customer TPM Excellence award – 2011
- Customer Gold Sustenance award - 2012
- JIPM TPM Journey started in 2011
- 1st Prize-IMTMA Siemens Productivity Championship-2012
- JIPM TPM Excellence Cat.' A' Award – 2013
- JIPM TPM sustenance commitment Award- 2016
- Customer Quality Platinum award – 2017
- Frost & Sullivan INDIA MANUFACTURING EXCELLENCE AWARD IMEA Gold Certificate -2019
- Kaizen Hansai -Integrated Manufacturing Excellence Initiative (IMEXi) Silver Award for Business & Manufacturing Excellence in -2021
- Customer Quality "Super Platinum" award - 2022
- Kaizen Hansai - Integrated Manufacturing Excellence Initiative (IMEXi) Gold Award for Business & Manufacturing Excellence in -2022



TPM &
Manufacturing
Excellence



Quality Achievements

Bronze

FY. 2008



Silver

FY. 2010



Gold

FY. 2011



Gold
Sustenance

FY. 2012



Platinum

FY. 2018



Super
Platinum

FY. 2022



After achieving BAL TPM award, our team initiated The **JIPM TPM Excellence Cat. 'A' award journey in 2013**, 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 (GCC) 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 Special Award for TPM Achievement**. I express my sincere thanks to Global Corporate Council India (GCC) team for their valuable guidance & support. I am confident that we will be successful in this & all future endeavours.

1. 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.

Customers

- Customer delight achieved resulted into addition of new business of 3 and 4 wheeler of existing customer
- Addition of export business from Honeywell USA

Stakeholders

- Increased trust of financial institution resulting into enhanced capital funding for expansions
- Generating new job opportunities

Employees

- Change in mindset
- Continuous Improvement
- **Sense of belongingness & Pride of "Ownership"**
- Increase job security and assured growth of employee with growth of company

4. Key factor 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.
- Challenging JIPM TPM Special Award Assessment FY 2025-26.

5. Journey towards world class Manufacturing



Benefits in term of PQCDSM

TPM Award Assessment Achievement Sheet

Company & plant name	Company Name-Belrise Industries LTD.,Plant Name -Badve Autocomps Pvt.Ltd.(1206) Unir-V							
TPM Slogan/ Objectives	TPM- The Way of Life							
▼ Please fill in the range of data you are collecting ▼								
Category	Index	Shop Name	Unit	BM TPM Kick-OFF	JIPM TPM Excellence Category A Award	JIPM TPM Consistence Com mitment Award	Actual Status	Target
Enter the year →				2008	2013	2016	NOV'24	Mar'2025
S	Number of work-related accidents requiring days off work	-	Cases/ year	0	0	0	0	0
S	Number of work-related accidents not requiring days off work	-	Cases/ year	0	0	0	0	0
P	Productivity for main products	Mouldshop	Parts/Operator hours	60.00	72.00	92.00	110.00	126.50
		Paintshop		145.00	155.00	165.00	163.00	179.30
P	OEE (or Overall Plant Efficiency)	Mouldshop	%	78.28	83.15	85.89	88.54	91.23
		Paintshop		77.33	84.70	85.27	87.17	90.23
P	Availability	Mouldshop	%	88.30	91.67	92.31	93.18	95.00
		Paintshop		92.04	96.80	97.02	97.75	98.00
P	Performance Rate	Mouldshop	%	92.54	93.70	95.18	96.36	97.00
		Paintshop		95.34	98.20	98.40	98.95	99.00
P	Quality Products Rate	Mouldshop	%	95.80	96.80	97.76	98.61	99.00
		Paintshop		88.12	89.10	89.32	90.12	93.00
P	Number of breakdowns	Mouldshop	Breakdowns/ year	882	378	170	45	57
		Paintshop		288	132	48	4	4
P	MTBF	Mouldshop	Hour	67.92	237.71	489.43	1012.03	2551.47
		Paintshop		26.00	56.30	154.75	873.25	1872.00
P	MTTR	Mouldshop	Hour	3.61	2.97	2.33	1.69	0.89
		Paintshop		3.68	1.35	0.83	0.26	0.17
Q	Number of customer complaints	-	Number/year	0	0	0	0	0
Q	In-line defect rate (scrap)		%	2.86	1.38	0.93	0.66	0.3
Q	In-line defect rate (rework)		%	15.13	6.01	5.6	5.2	3.5
D	Production Lead time	-	Days	22.25	24.72	26.02	26.55	29.21
C	Cost index	-	Cost/Unit	4.12	3.75	3.57	3.50	3.15
D	Delivery performance	-	%	96%	100	100	100	100
S	Frequency rate	-	Number of occupational accidents with leave for 1 000 000 worked hours	0	0	0	0	0
M	Number of Employee Suggestions	-	Number/year	812	900	1100	1311	2000
Other	<Specify achievements not expressible in numerical terms> 1. Do you have a program where all employees can participate in TPM? Yes 2. Do you have a program allowing employees to be recognized their achievements? Yes 3. Are top management involved in the audit/verification of completion of TPM pillar steps? Yes 4. Are all pillar activity boards displayed and reviewed by top management? Yes							

