

## **SPECIAL AWARD FOR TPM ACHIEVEMENT (2025-26)**

**Lumax Industries Limited**

**Plot no-51, Sector-11, IIE SIDCUL**

**Udhamsingh Nagar**

**Pantnagar – 263153 ( Uttarakhand )**



## 1. Organization profile:

In the 80s and 90s, when the Automotive Industry was taking shape in India, a huge opportunity arose. The opportunity of being a potential leader in the Automotive Lighting and Allied Automotive components industry. Lumax took firm hold of this opportunity and turned it into a reality lived every day by its 15,000-strong workforce, working across 40 modern manufacturing locations across India. This manufacturing strength is backed by 7 Design & Engineering center (India, Taiwan & Czech Republic). The Lumax Group has a turnover of over INR 8434 Crore FY24, and diligently empowers the assembly lines of almost all Top Automotive OEM brands. Lumax is also improving its international footprint with real intent and is accomplishing all this with the timeless values of integrity, humility, passion, excellence, and respect for sheer hard work. The rich legacy notwithstanding the fact that Lumax is still young at heart and ever evolving, and it believes that success has just begun to unravel!

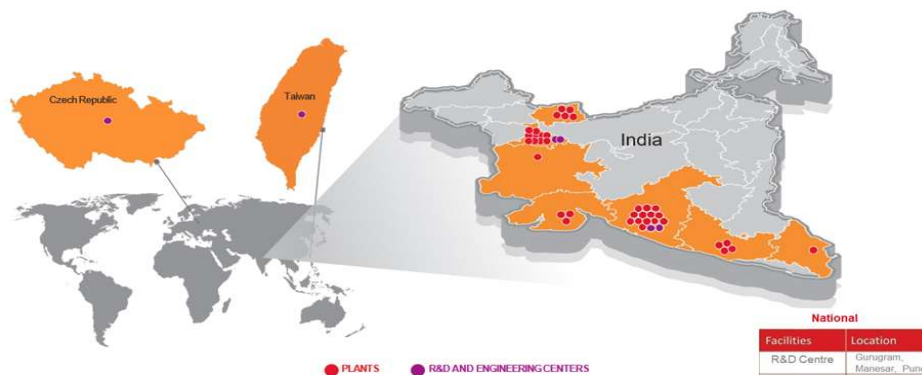
The DK Jain Group has Auto Component manufacturing capabilities across several product categories including end-to-end Automotive Lighting solutions, Air Intake systems, Urea Tanks, Integrated Plastic Modules, Gear Shifters, Transmission Products, Seat Structures, 2-Wheeler Chassis & Swing Arm, 3W Trailing Arm, Electric & Electronic Components, HVAC Panels, On-board Antennas, Power Window Switches, Vehicle Interior Systems & Components etc.

TPM is a backbone and main principle for surviving in current market conditions. From top management to bottom level TPM methodology is followed in each plant. As a result, a total of 14 JIPM Awards were achieved in 8 Plants including 1 special award and six award is in process. Next calendar year we applied for 5 awards



## Plant at Pantnagar Location:

Lumax DK Jain Group is owned by DK Jain Family and consists of two listed companies, i.e. Lumax Industries Limited and Lumax Auto Technologies Limited. Lumax is currently operating with 16 entities spread in seven states across India. There are thirty-seven (40) manufacturing plants across India.



State	Plant	#
Haryana	Bawal	2
	Dharuhera	1
	Gurugram	4
	Manesar	5
Maharashtra	Pune	10
	Sambhaji Nagar	2
	Nashik	1
Karnataka	Bengaluru	4
Gujarat	Sanand & Mehsana	3
Tamil Nadu	Sriperumbud ur	1
Uttarakhand	Haridwar	1
	Pantnagar	4
Rajasthan	Bhiwadi	1
Madhya Pradesh	Pithampur	1
<b>Total</b>		<b>40</b>

National	
Facilities	Location
R&D Centre	Gurugram, Manesar, Pune
Corporate HQ	Gurugram
After Market Division	Gurugram
International	
Design Centre	Taiwan, Czech Republic

## Our Partnerships:

Lumax Industries has collaboration with Stanley and SL Corporation. Lumax Auto Technologies has collaboration with Cornaglia, Mannoh, FAE Ituran, Jopp, Yokowo, Alpsalpine, IO industry and IAC

### LUMAX INDUSTRIES

 <b>STANLEY</b> 1984 * 37.5% Share End-to-end Lighting, HVAC Panels & Electronics	 <b>SL Corporation</b> 1997 * 21.28% Share End-to-end Lighting and other Automotive parts
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### LUMAX AUTO TECHNOLOGIES

 <b>Cornaglia</b> 2007 * 50% share Emission Systems - Urea Tank, Air Filter, CAC Ducts	 <b>MANNOH</b> 2013 * 5% share Gear Shifters - MT, AT, AMT, DCT, Monostable GLSA, Cables	 <b>FAE</b> 2017 * 84% share Oxygen Sensors	 <b>GREENFUEL</b>
 <b>Ituran</b> 2017 * 50% share Telematics Products and Services	 <b>JOPP</b> 2019 * 50% share Transmission Products - Shift Towers, E-Actuators, Fork Shifter	 <b>Yokowo</b> 2020 * 50% share On-board Antennas - Shark Fin, Micro Antenna, IP Antenna	
 <b>ALPSALPINE</b> 2021 * 50% share Electric Devices and Components - Power Window Switches	 <b>IO INDUSTRY CO., LTD.</b> 2022 Technical Agreement For Kinematic Components IP Louvers, Pre Coloured Garnish, Metal to Plastic Conversion	 <b>IAC</b> 2023 * 75% share Vehicle Interior Systems & Components - Door Panel, Instrument Panel, Cockpit	

### LUMAX TOURS & TRAVELS LIMITED

- 2008
- Travel & Tours

### LUMAX ANCILLARY

- 1992
- Wiring Harness, Control Cables, Main Wiring, Harness of EV 2w

## 2. Lumax Industries Limited Profile:

**Lumax Industries Limited** is a public limited company. It has twelve **manufacturing plants** spread across India, strategically located near Customers. Out of these, three are located near New Delhi, in the cities of Gurugram, Dharuhera, and Bawal in the state of Haryana. three plants in Pune, near Mumbai in Maharashtra, three plants in Uttarakhand - Pantnagar, Haridwar, One is located in Bidadi, near Bengaluru in the state of Karnataka, and one plant was recently commissioned after expansion at Sanand. These facilities have been laid out to match the world's best plant engineering standards. Our plants are producing automotive lighting for almost all OEMs.

### Lumax Industries Ltd.-Pantnagar

Lumax Industries Limited-Pantnagar Plant started in year 2008. This plant was established for the manufacture of the latest technology lamps for premium vehicles, high-volume products with a new culture, latest process design and layout with a capacity of 8 Lakh vehicles set for lamps/Annum. The total area of the LIL-Pantnagar plant is almost 16192 sqm. The covered area is 7335 sqm, and the remaining green area is 8857 sqm. Total employee strength is 400 nos.

Lumax Pantnagar Plant is ISO-14001:2015, IATF 16949:2016, ISO 45001:2018, ISO 50001 certified

### 2.1 Product Range Lumax Industries Ltd.-Pantnagar

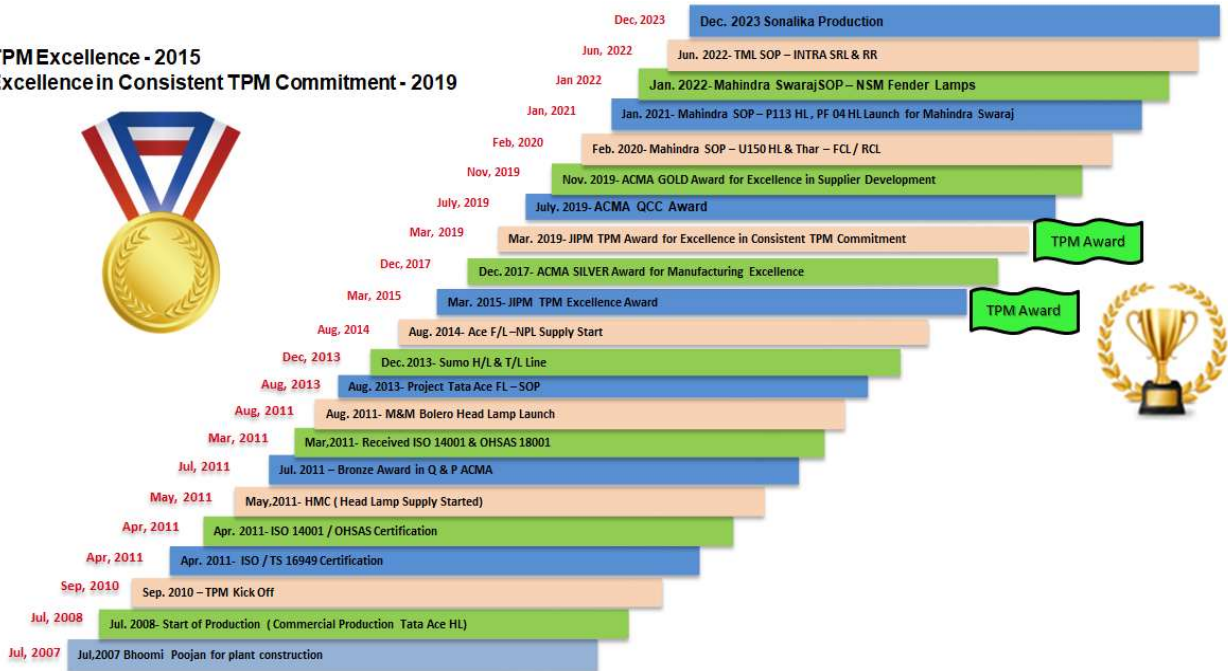
		OEM				AMD	
	CUSTOMER	HEAD LAMP	TAIL LAMP	ROOF LAMP	HMCL		
4 WHEELER & Farm Sector	TATA						
	MAHINDRA	HEAD LAMP	TAIL LAMP	FCL	RCL		
	SONALIKA	HEAD LAMP	FENDER LAMP	FENDER LAMP	FENDER LAMP		
	HERO	HEAD LAMP	FENDER LAMP	FENDER LAMP	FENDER LAMP		
2 WHEELER	LUMAX						

## 2.2 Milestones on journey of manufacturing Excellence

Lumax Industries Limited Pantnagar is in line with the philosophy of the company and the group has always been conscious of its product quality & services aiming to maximize shareholders value & services to all stakeholders. Lumax Industries Limited Pantnagar launched TPM activities on 10th Sep 2010 with formal Kick-Off ceremony held in guidance of esteemed customer and Top Management. Details of Plant outline & Milestones is given below

### TPM Excellence - 2015

### Excellence in Consistent TPM Commitment - 2019



2031 AIMING JIPM TPM WORLD CLASS AWARD

2028 AIMING JIPM TPM ADVANCE SPECIAL AWARD

JAN-2026 AIMING JIPM TPM SPECIAL AWARD

DEC-2025 JIPM TPM SPECIAL AWARD 2<sup>ND</sup> STAGE ASSESSMENT-SSA

JULY-2025 JIPM TPM SPECIAL AWARD 1<sup>ST</sup> STAGE ASSESSMENT-FSA

JAN-2019 RECEIVED JIPM EXCELLENCE IN CONSISTENCY TPM COMMITMENT AWARD

DEC-2018 JIPM TPM EXCELLENCE IN CONSISTENCY AWARD 2<sup>ND</sup> STAGE ASSESSMENT-SSA

JULY-2018 JIPM TPM EXCELLENCE IN CONSISTENCY AWARD 1<sup>ST</sup> STAGE ASSESSMENT-FSA

JAN-2015 RECEIVED JIPM TPM EXCELLENCE AWARD

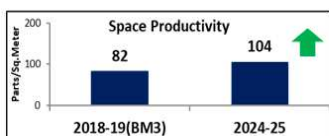
OCT-2014 JIPM TPM EXCELLENCE AWARD 2<sup>ND</sup> STAGE ASSESSMENT-SSA

JULY-2014 JIPM TPM EXCELLENCE AWARD 1<sup>ST</sup> STAGE ASSESSMENT-FSA

Sep-2010 TPM KICK OFF



## Plant Uniqueness:



Average Age of Employee – 28 Years.

## 3. Benefits Achieved: -

TPM Implementation at Lumax Industries Limited Pantnagar Plant helped in achievement of business results. Our financial & other Business Parameter growth which has seen a steady upward trend right since TPM Kick-off.

Category	Index	Unit	(TPM Started or last time awarded)	Actual Status	% Improvement
Enter the year →			FY 2018-19	FY 25-26 (As on Dec25)	
S	Number of work-related accidents requiring days off work	Cases/ year	0	0	100%
S	Number of work-related accidents not requiring days off work	Cases/ year	8	0	100%
P	Productivity for main products	Parts/Operator hours	95	120	26%
P	OEE (or Overall Plant Efficiency)	%	95	95	Sustain
P	Number of breakdowns	Breakdowns/ year	0	0	Sustain
P	MTBF	Hour	6864	4576	33%
P	MTTR	Hour	0	0	Sustain
Q	Number of customer complaints	Number/year	7	0	100%
Q	In-line defect rate (rework)	%	0.7	0.45	35%
C	Cost index (conversion cost)	As percentage to sale	7.4	5.6	24%
D	Production Lead time	Days	8	5	38%
D	Delivery performance	%	100	100	Sustain
S	Safety index (ex Lost Time Incident Rate)	(Accidents per 1,000,000 operator hours)	0	0	Sustain
M	Number of Employee Suggestions	Number/year	509	2872	464%
E	Energy index (ex electricity, gas, water)	% to sale	3.72	3.2	14%

## Intangible Benefits:

Apart from Tangible Benefits we realized Intangible benefits also through TPM ways. Key Tangible benefits are given below.

- Created Zero Mind set Culture
- Creation of Continual Improvement Environment
- Employees Morale, Skill & Will Improvement
- Safety Culture Creation
- Team Work Improvements
- Moving Towards Zero Loss Plant, Riskless Factory & Digital Plant
- Initiated Supervision Less Shop-floor.

These Benefits achieved through TPM Methodologies & by 100% Employees Involvements. Few Glimpses of Employee Involvement is given below:



RCCQC Winder 2024



Best 5S Zone



Kaizen Award



Received Award from TATA for Quick mould change



Best Line award - Bolero



Kaizen Award

## 4. Key of Our Manufacturing Excellence

Our Manufacturing Excellence Practices is based upon the TPM Methodologies and we are continually following its for achieving breakthrough business results.

We are Committed to Execute Excellence at Lumax Industries Limited Pantnagar Plant through TPM ways. We will extend TPM in End-to-End Supply Chain.

Our future Plan for Manufacturing Excellence is as Follows:

- Integrating Industries 4.0 with IOT
- Synchronization of three processes Moulding, Surface treatment and Assembly
- To become Sustainable Manufacturing Plant
- To Create Supervision less Shop-floor – 100% SMT Concept Deployments
- To achieve Benchmark Level of End-to-End Lead Time
- Future Ready Capability Development – Data Analytics & Digitization
- Mutual Benefits realization with Supplier/Business Partners through TPM Cluster
- To Sustain Zero Breakdown – Focus on Preventive measures.

To Achieve Zero Defect

## 5. Contact

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