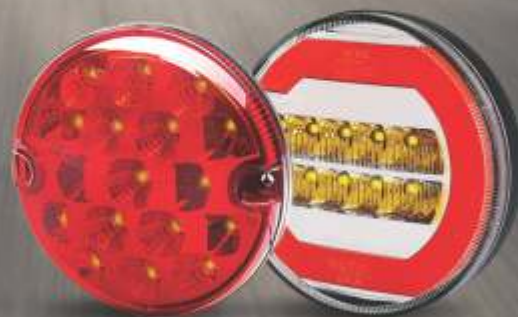




LED REAR LAMPS
LICENSE PLATE LAMP
WINKER LAMP
LED AUTOMOTIVE LIGHTING
ROTATING BEACONS
AUTOMOTIVE PLASTIC
COMPONENTS
OIL TANK ASSEMBLIES
WATER SEPARATOR
ASSEMBLIES
PLASTIC COMPONENTS
REFLEX REFLECTORS
MIRRORS
WARNING TRIANGLES



Hilux Autoelectric Pvt Ltd is located in the heart of India's National capital region where it has cemented its place as a specialist in providing holistic automotive lighting and component solutions to Automotive OEMs all over India. **HAEPL** is driven by a thirst for technological innovations that has led to the development and manufacturing of a multitude of complex products for on road vehicles like Electric 2 Wheelers, 3 Wheelers, trucks and trailers, while also targeting off road vehicles such as Construction equipment, Forklifts and Tractors.

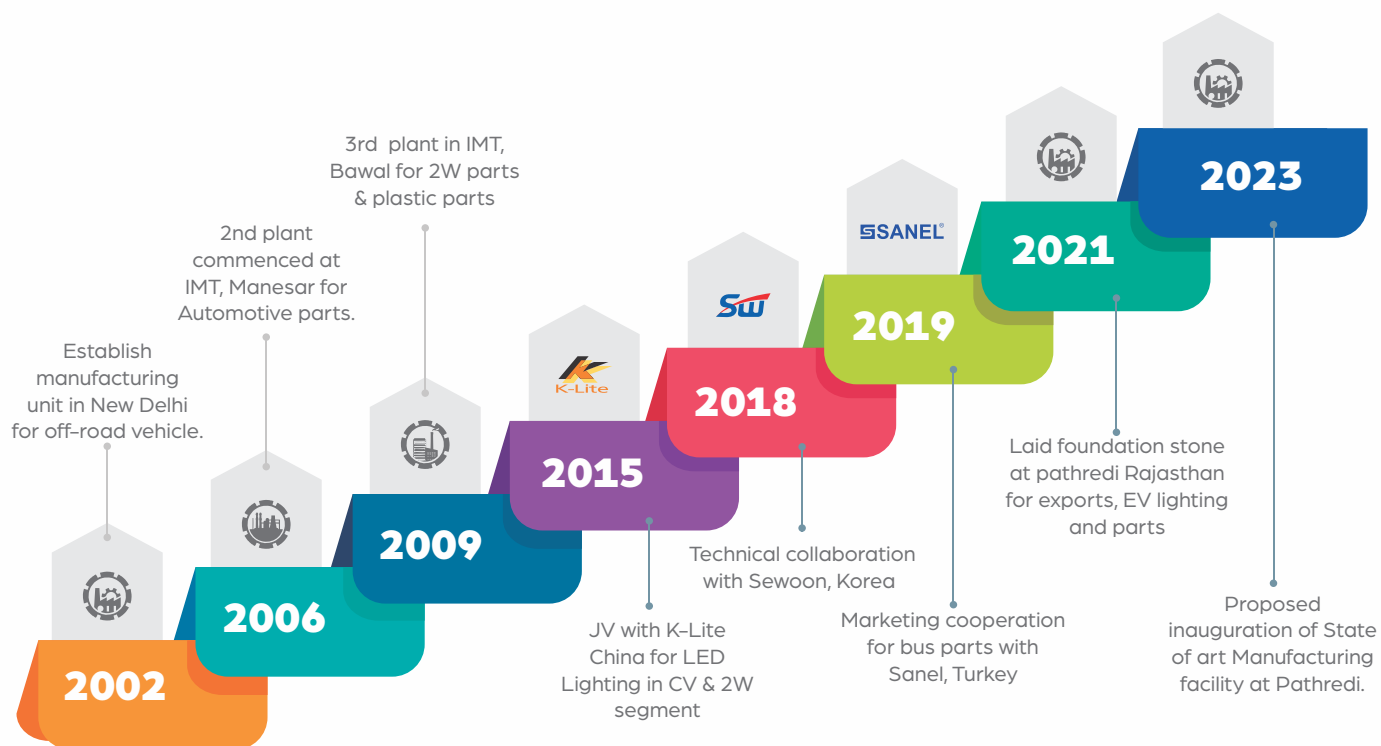
With the help of our in-house designing and manufacturing facilities that are run by industry leading engineers in sensitive design and production, **HAEPL** is able to meet IATF 16949 Standards to ensure our products are upto the global standards and can be used across the world. **HAEPL's** top priority is to nurture and maintain long term relationships with our customers that is aided by our highly dedicated and experienced sales support team as well as our Customer relation experts to facilitate for mutual growth and learning.

With the help of our in-house experts, existing customer relationships and our technical tie-ups with global companies such as **K-Lite** and **Sewoon Moolsan Korea**, **HAEPL** is primely positioned to become a crucial part of the growing Electric Vehicle industry. With a thirst for constant improvement, an organization wide ability to learn and adapt and a number of long term relationships, **HAEPL** aims to work towards creating a brighter future for you.





A Rich Legacy Powered by Vision to Excel | In the span of 20 years Hilux has crossed many milestones and still scaling new horizons.



20

YEARS OF EXPERIENCE

300+

EMPLOYEES & ASSOCIATES

200+

ESTEEMED CUSTOMERS

125+

ARAI APPROVED PRODUCTS

- LED LIGHTS
- LED 2-WHEELER LIGHTS
- AUTOMOTIVE LIGHTINGS
- ROTATING BEACONS

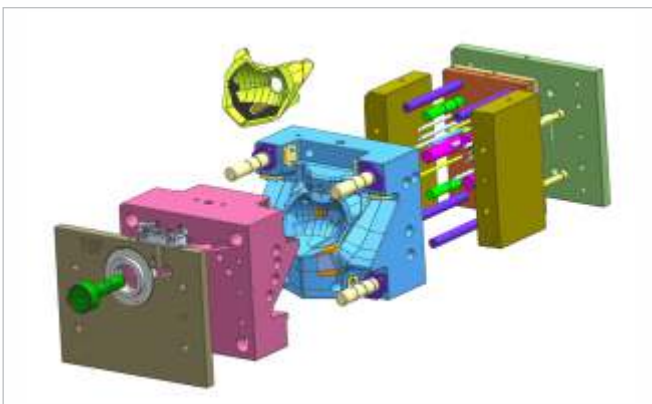
- AUTOMOTIVE PLASTIC COMPONENTS
- OIL TANK ASSEMBLIES
- WATER SEPARATOR ASSEMBLIES
- LED LIT LOGO

- REFLEX REFLECTORS
- MIRRORS
- WARNING TRIANGLES



From understanding customer requirements to delivering solutions that exceed the expectations, we are dynamic in the constant pursuit of innovation in our strategies, design and engineering. Standing testimonial to this philosophy are:

- Cutting-edge software for electronics and mechanical design
- State-of-the-art tools for prototyping – CNC Proto, VC Proto, 3D Printing, etc
- New Generation Testing Facilities
- Joint projects with our overseas Partners across India.

**PROJECT MANAGEMENT****QUALITY MANAGEMENT****MODERN TESTING FACILITY****IN HOUSE TOOL DEVELOPMENT****MOLD DESIGN****HIGH FLEXIBILITY & ADAPTABILITY**





- No Fault forwarding lines with End of Line Testing
- Robotic Assembly Lines.
- Lean Manufacturing Principles.
- Streamlined Material flow to ensure Quality, Consistency and Material efficiency.
- Vision Based Inspection.
- Automated Inspection Machines.

**MANUFACTURING EXCELLENCE
IN-HOUSE PLASTIC COMPONENT
MOLDING SHOP**





MANUFACTURING EXCELLENCE : IN-HOUSE PLASTIC COMPONENT MOLDING SHOP

- CLEAR component Molding.
- Moulds with Plastic to Plastic Injection Molding.
- Experience in Moulding various Engineering Plastics like PP, PC, ABS, PMMA, GF, PA-16 etc.
- Ultrasonic Welding with product specific welding hones.
- Hot plate Welding.

- ESD epoxy on floor to maintain the dust free environment and ESD compliance
- Double door at shop floor entrance to control the dust and temperature
- Air curtain at entrance to avoid the ambient dust
- Thermal oven for base coating and top coating process
- 20000 CFM AHU for paint shop and 20000 CFM AHU for clean room / shop floor
- 800 lux level at shop floor





- Dust free Enclosure for metallizing shop
- Robotic assembly line for LED headlamps
- Vision based FTM to check the lamps
- Nordson and Yasakawa make Robotic Glue dispensing Machines



We here at HAEPL thrive for excellence, which is built on an organisation wide culture of constantly building and improving the quality of our product. By creating a culture that emphasises on consistency, we utilise the expertise of our in-house quality assurance team to meet the global standards of AIS & E-mark. This allows us to successfully market and offer our products on a global landscape. Each stage of the production process involves a rigorous quality check system that ensures our products are upto the OEM standards.

Every Hilux product and component conforms to international quality benchmarks and is tested extensively for reliability, performance and quality.

- Modern quality testing equipment
- Internal quality benchmarking
- Vendor development programme



- IATF 16949:2016 certified
- AIS certified Manufacturing facilities.
- Leakage detection level 10 Pascal with Cosmo unit
- Vision Based Light Testing Unit
- LED and pattern check by vision with barcode scanning system

EV LIGHTING

ELECTRIC 2 WHEELERS

HAEPL provides highly customised solutions to our OEMs in accordance with customer requirements by learning and understanding the needs of our clients. This has helped us take on new challenges in the EV segment for customised solutions as well as offer off-the-shelf products like Reflex Reflectors in different shapes and sizes, Tail lights, Headlights, Winkers, License Plate Lamps, USB chargers all meeting the AIS, ECE standards and Regulations.





EV LIGHTING

ELECTRIC COMMERCIAL AND PASSENGER VEHICLES

HAEPL also offers a wide range of Off-The-Shelf as well as customised 3 wheeler solutions for E-Rickshaws, E-Autos L5 Category, in the form of LED HeadLights, Directional Indicators, Rear Combination Lamps, License Plate Lamp, Lit Logo, USB Charger and Wiper Motor.





TRACTOR LIGHTING & PARTS



HL-03



FP-01



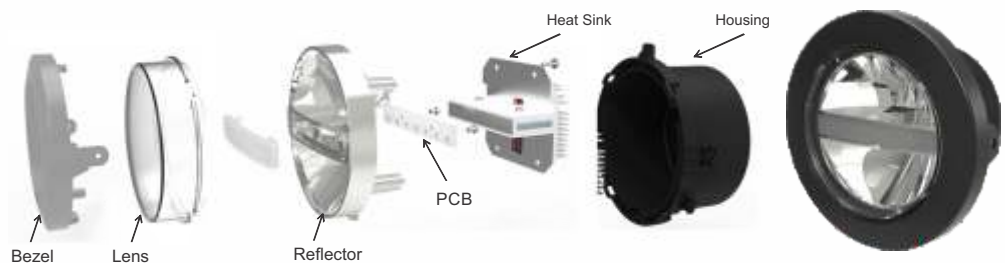
HL-912



HL-915



HL-580



TRACTORS

Hilux Autoelectric offers an extensive line of long lasting heavy duty farming equipment lighting and tractor parts including Fuel water separator, SMV Emblems, USB Charger, Beacon warning lights, LED Work lamps, LED Lit Logos, Plastic tool boxes, rear view mirrors and much more.

The operating conditions for Agricultural vehicles present additional challenges for lighting due to the constant change in climate, daily use for long hours at a time, as well as shocks and vibrations which are a daily occurrence. Our production processes and new generation testing facility ensures our products withstand these challenges and limit the potential for any mishaps.

The new LED work lights known as "Modular work light" offers Spot and Flood Lamps which are specially engineered to work under stringent operating conditions and sustain long working hours at agricultural and construction Sites.



LWL-015



LWL-03



HL-461



HL-549



WS-01



TRACTORS

Hilux Autoelectric through its experience of several year produce lightings & parts for tractors to meet stringent environmental conditions. All parts are subject to various tests to meet increased requirements for stability and resistance to dirt, humidity, UV & water.

CONSTRUCTION EQUIPMENT LIGHTING & PARTS



HL-918



HL-560 4DX



LWL-21



LWL-45



LWL-15



HL-934



CONSTRUCTION EQUIPMENT

Hilux Autoelectric offers a comprehensive performance portfolio in the construction machinery sector that includes high-quality lighting products. This includes vehicle lighting in the form of work lights, front and rear lighting, beacons and interior lighting, as well as Fuel water separator. The quality and performance of all Hilux products are carefully optimized to the specific requirements of the construction machinery sector.

The quality of our products is influenced by many factors. The main advantage is the fact that all of our products are manufactured inhouse and they are our own solutions – from design to implementation. Due to many years of experience, continuous development and rigorous testing of materials, we manufacture outstanding products which are appreciated by all of our customers.



OW-6201



WT-R10818



RB-815B



LP-02



RH-01



FORKLIFT

All forklift trucks are equipped with LED warning lights. High-brightness light beams are installed in front, back, left and right of the forklift truck body to project onto the road surface, generating clear blue light and light beams around and moving along with the movement of the forklift truck. Especially in noisy working environment, when the sound warning cannot meet the safety requirements, the warning light will play an important role in reminding the surrounding workers to prevent forklift accidents.

Forklift safety warning light is a warning function that an LED lamp emits a blue light or red light onto the ground through a condensing concave-convex ball. Because red is the primary color system & has warning function, while blue is the primary color in the cold system, which is in sharp contrast with red & can attract people's attention. Forklift warning alarm is a reverse alarm emitting sound > 105db to alarm the workers in working zone for passing forklift operation.

Hilux provides complete solution for forklift lighting & provides complete lighting kit which includes work light, zone light blue arrow light, arc light, reverse alarm, minibars & front direction indicators & rear, stop and tail light.



HL-02



DI-02



HL-911



HL-906



CF-01



BUS COACHES

Automotive Indian Standard AIS has been published for BUS & Trailer segment and had made mandatory for all vehicle manufacturers to use lighting approved as per AIS considering various international standards .Hilux Autoelectric provides complete lighting solutions for Bus & trailer Industry meeting above regulations

Hilux Autoelectric ensures functional safety, fitting accuracy and durability in each of our products. Along with low beams, high beams, blinkers, parking lights, fog lamps, cornering lights, 90 mm modular headlamps, HAEPL also offers EMC/IMC approved brushless DC Coach Fan



HL-909



HL-901



LT-120



RR-101



HL-933

TRAILER

Hilux Autoelectric offers lighting for commercial vehicles. We offer both universal products and vehicle-specific lights in Bulb and LED versions which can be retrofitted as a result, our customers benefit without making modification in fitment and connectors.

From our many years of expertise as well and economical synergies we provide solutions to our customer from large-scale production to special vehicles like road cleaning, Municipal and airport vehicles—in the automotive industry. When it comes to lighting, we have a wide range of lighting products available with halogen, or LED technology, depending on customers' requirements.



ESTEEMED CUSTOMERS



ELECTRIC TWO WHEELERS



ELECTRIC THREE WHEELERS



TRACTORS



CONSTRUCTION EQUIPMENT



MATERIAL HANDLING EQUIPMENT



COMMERCIAL VEHICLES



AIRPORT GROUND HANDLING VEHICLE



TEAM & TRAINING







concept by - battelik, 9811329766

Hilux
— AUTOELECTRIC —
WORKING TOWARDS A BRIGHTER WORLD

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