

Next-gen mobile light towers for reliable, efficient industrial operations

Trine Power, a brand of the Yash Group, delivers next-generation mobile lighting solutions powered by smart technology and sustainability, keeping progress bright day and night.



As India accelerates its industrialisation and infrastructure development, the demand for dependable energy and lighting solutions on construction and mining sites has never been greater. Night-time operations, emergency responses, and remote project locations require businesses to provide safe, efficient, and sustainable solutions to maintain work progress. In this dynamic context, Trine Power stands out as a symbol of engineering excellence and innovative technology, driving India's industrial sectors into the future of mobile energy and illumination.

Trine Power: A technology-driven leader from the Yash Group

Trine Power is a pioneering brand proudly owned by the Pune-based Yash Group, a manufacturing powerhouse with 25 years of experience. Known for its unwavering commitment to reliability, innovation, and environmental

responsibility, Trine Power leads in mobile energy systems and illumination technologies. Our mobile light towers aim not only to illuminate areas but also to revolutionise how industrial projects power their operations.

Technical excellence in the Mobile Light Tower

Trine Power's service focuses on its Mobile Light Tower, a next-generation solution designed to meet the most stringent site requirements. It is powered by an air-cooled Rehlko Kohler Lombardini diesel engine, featuring NSM Meccalte brushless capacitors from Italy, which deliver a steady 5 kW of power. The tower complies with CPCB IV standards, meaning it meets India's strict pollution norms while maintaining impressively low noise levels of less than 70 decibels at a distance of one metre.

The tower's 355-degree rotatable, hot-dip galvanised telescopic mast

reaches 8.5 metres, providing extensive site coverage with four robust 350W LED floodlights that produce an average light intensity of 5,000 lux, meeting a 20-lux standard. It boasts an impressive runtime of up to 90 hours on a single fuel tank, consumes only 0.5 litres per hour when running lights only, and can withstand winds up to 85 km/h.

The tower is compact and portable, constructed with powder-coated steel elements and automotive-grade wiring for maximum durability, reliable performance in a wide temperature range (-50°C to 50°C), and easy maintenance.

IoT integration and sustainability for modern industrial sites

Trine Power's Mobile Light Tower exemplifies the innovative industrial solutions needed today. Its IoT-enabled system supports remote monitoring, real-time operational

**Powering India's Progress — Day & Night.
Proud to see Trine Power featured in a national
magazine for leading India's next-gen, sustainable
Mobile Light Towers built for construction, mining,
and infrastructure excellence.**

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data access, geofencing, and remote ON/OFF control, empowering site managers with oversight from anywhere. This connectivity enhances safety, reduces downtime, and maximises fuel efficiency.

Complementing digital features, the tower incorporates sustainability at its core. A hybrid solar-assisted system reduces reliance on diesel, lowering emissions and noise pollution, while enabling longer operations with less environmental impact. This commitment to green technology aligns with India's ambitious sustainability goals.

Visionary leadership

At Trine Power, dependable, intelligent equipment is the foundation of India's infrastructure. With decades of experience, my goal is to blend engineering excellence with sustainable innovation, producing energy-efficient and durable products that support India's vision of an Atmanirbhar Bharat.

Under my leadership, we continue to invest heavily in R&D, refining each product to enhance performance, boost productivity, and reduce environmental impact. I am proud to lead a team that shares my passion for technology and responsibility, ensuring Trine Power remains at the forefront of India's industrial energy revolution.

Real-world impact: Lighting up India's projects

Trine Power's Mobile Light Tower is already making a tangible difference across many sectors. It is a reliable asset for night-time construction, enabling continuous work on roads, buildings, and infrastructure. In mining, it enhances safety by improving visibility in challenging environments. Emergency response teams rely on their portability and quick deployment during disaster recovery and security operations. Its versatility also extends to outdoor events and sports venues, demonstrating its broad industrial utility.



By addressing the genuine needs of India's diverse project sites, Trine Power enhances operational efficiency, elevates safety standards, and improves project outcomes.

Powering India's progress and self-reliance

The theme "Powering India's Progress" is deeply embedded in our mission. Our innovation strategy and product ecosystem are closely aligned with India's national priorities of Atmanirbhar Bharat and sustainable development. Trine Power bolsters India's technological self-reliance and industrial resilience by manufacturing innovative mobile lighting systems domestically.

Our hybrid, IoT-enabled solutions represent a new era of smart, eco-friendly industrial equipment that will help India achieve its infrastructure ambitions and stay competitive globally.

Invitation to experience innovation at IMME 2025

The theme "Powering India's Progress" is integral to Trine Power's mission. Our innovation strategy and product

ecosystem are strongly linked to India's national priorities of Atmanirbhar Bharat and sustainable growth. Trine Power supports India's technological independence and industrial resilience by producing unique mobile lighting solutions in-house.

Their hybrid, IoT-enabled solutions exemplify the next generation of intelligent, environmentally friendly industrial equipment, aiding India in realising its infrastructure goals and maintaining global competitiveness in the global market.



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