



# Jyoti Global Plast Limited

Work/Office: R – 554/555, T.T.C., M.I.D.C., Near Goldan Garage.

Rabale, Navi Mumbai – 400701, Maharashtra, India. | Mob. No. 8591585497

Email: [info@jyotiglobalplast.com](mailto:info@jyotiglobalplast.com) Website: [www.jyotiglobalplast.com](http://www.jyotiglobalplast.com)

CIN No. L28129MH2004PLC143876

**November 03, 2025**

**National Stock Exchange of India Limited  
Exchange Plaza, Plot No. C/1, G Block,  
Bandra-Kurla Complex, Bandra (East),  
Mumbai 400 051**

**Trading Symbol: JYOTIGLOBL**

Dear Sir/ Madam,

**Subject: Media Release**

Please find attached a media release by the Company, titled Jyoti Global Plast Limited introduces innovative Industrial Cleaning Drone.

This is for your information and records.

Thanking you,

Yours faithfully

**For Jyoti Global Plast Limited**

**Hiren Bhawanji Shah  
Managing Director  
DIN: 00467575**



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## **MEDIA RELEASE**

### **Jyoti Global Plast introduces innovative Industrial Cleaning Drone**

- ₹50 lakh order received for solar panel cleaning drones from a leading EPC player
- 5x faster cleaning speed than traditional methods with 200 bar industrial pressure
- Made-in-India innovation for high-rise façades, solar panels, and large infrastructure

**Mumbai, November 03, 2025:** Jyoti Global Plast today announced the launch of AeroClean, an advanced range of industrial cleaning drones engineered to make large-scale cleaning operations faster, safer, and more sustainable. The company has also received an order worth ₹50 lakh for solar panel cleaning drones from a leading solar project EPC player, marking a major commercial milestone for its unmanned systems division.

Developed under the Make in India initiative, AeroClean brings automation and precision to a sector that has long relied on manual labour and high-risk operations. Built as a robust industrial multirotor UAV, each AeroClean unit delivers 200 bar cleaning pressure, carries 10 kilograms of water or cleaning fluid, and covers 200–250 sq. ft. per battery cycle, thus completing cleaning operations up to five times faster than conventional methods while reducing both water usage and human exposure to risk.

The first commercial order will see the deployment of AeroClean units for solar panel cleaning across large-scale renewable energy installations. These drones will enhance efficiency, improve maintenance turnaround times, and reduce the operational challenges faced in hot, dusty field environments. The drone operates for 20–30 minutes per flight, powered by a quick-swappable battery system that enables seamless, continuous operation. With advanced GPS lock, collision detection, and a fail-safe return-to-home mechanism, AeroClean ensures reliability and safety even in winds up to 25 km/h.

“With AeroClean, we’re not just introducing a product but also a smarter, safer way of working,” said Hiren Shah, Managing Director, Jyoti Global Plast. “Our goal is to replace risk with precision, downtime with productivity, and manual effort with intelligent automation. Through AeroClean, we aim to make industrial cleaning more sustainable, efficient, and future-ready.”

By combining engineering innovation with operational practicality, the company aims to create measurable impact — improving workplace safety, reducing water waste, and redefining maintenance standards across industries.

With the launch of AeroClean, Jyoti Global Plast strengthens its position as a homegrown technology innovator, contributing to India’s vision of self-reliance and sustainable industrial advancement.



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## About Jyoti Global Plast Limited:

Jyoti Global Plast Limited is a leading manufacturer of precision plastic and composite moulded products, serving industries including packaging, automotive, electronics, consumer goods, defence and aerospace. Headquartered in Navi Mumbai, the company is ranked among the top three in Maharashtra in packaging. It operates four advanced facilities across the state, offering blow moulding, injection moulding and automated production capabilities. With strong in-house R&D and engineering, the company produces high-performance components such as fiber reinforced polymer (FRP) cable connectors, lightweight drone structures and rugged enclosures for defence and aerospace applications. Backed by ISO-certified quality systems and sustainable practices, Jyoti Global Plast delivers customised, high-quality solutions to a diverse client base. Founded in 1990, it recently marked a key milestone with a successful IPO and strategic entry into the defence and aerospace sector. The company is well-positioned to tap into the growing opportunities across both domestic and global markets.