



Jyoti Global Plast Limited

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

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

Email: info@jyotiglobalplast.com Website: www.jyotiglobalplast.com

CIN No. L28129MH2004PLC143876

December 03, 2025

National Stock Exchange of India Limited
Exchange Plaza, Plot No. C/1, G Block,
Bandra-Kurla Complex, Bandra (East),
Mumbai 400051

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 **AeroCrop Agricultural UAS**.

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 Unveils AeroCrop Agricultural UAS

- Precision-engineered agricultural drone designed for high-performance spraying
- Capable of covering up to **30 acres per day** with uniform and accurate application
- Equipped with intelligent **radar-based navigation** and autonomous mission capability
- Developed with **over four decades of engineering and manufacturing expertise**

Mumbai, India, 3 December 2025: Jyoti Global Plast today announced the launch of the AeroCrop Agricultural UAS, a drone developed to advance precision agriculture through dependable, accurate and high output field performance. The company, known for more than forty years of expertise in precision plastic and FRP moulding, has steadily expanded into unmanned systems and now brings its manufacturing strength to the agricultural sector with a platform built to address the real operational needs of farmers across the country.

The AeroCrop system has been engineered with close attention to reliability in field conditions. It delivers up to 29 minutes of flight time without payload and 22 minutes with payload, supported by a strong 27.5 kilogram maximum take-off weight. The aircraft carries a 10 liter tank that works with flat jet and centrifugal nozzles to ensure consistent droplet quality and even spraying. Its efficiency allows it to cover one acre in five to eight minutes, enabling up to 30 acres of spraying in a single day while keeping chemical wastage low and coverage uniform across different terrains.

A key strength of AeroCrop is its intelligent radar-based navigation system, which helps the drone maintain constant height, follow terrain profiles, avoid obstacles, and execute autonomous missions with accuracy. This makes spraying operations safer, more predictable, and easier for operators to manage. The design approach reflects a strong focus on simplifying the work of farmers who traditionally rely on manual spraying. By delivering uniform coverage, reducing input wastage and automating repetitive tasks, the system supports improved crop protection, better health outcomes for field staff, and more efficient use of resources. It is intended to serve farmers who are already using drone spraying as well as those transitioning to mechanised applications for the first time.

Deven Shah, Whole Time Director & Chief Executive Officer, Jyoti Global Plast said, *“AeroCrop is a direct extension of our manufacturing philosophy, which has always centered on dependable performance and practical design. We believe this drone will help farmers adopt precision spraying easily and safely. Our goal is to make modern agricultural tools accessible without compromising on engineering quality or operational stability.”*

The launch of AeroCrop builds on the company’s broader progression into the unmanned systems category. Earlier this year, Jyoti Global Plast introduced its first surveillance drone designed for day and night operations, which features both thermal and visual cameras to support a range of monitoring and inspection



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tasks. This was followed by the launch of an industrial cleaning drone line developed for high pressure cleaning of building facades, solar installations, and other large structures. The company recently secured its first commercial order for this cleaning system from a solar EPC firm, signaling strong early demand for its solutions.

As the company continues to diversify its offerings in the drone segment, the addition of AeroCrop positions Jyoti Global Plast firmly within the growing ecosystem of Indian UAV manufacturers. The company aims to contribute meaningfully to the country's adoption of reliable, efficient, and cost-effective drone solutions across agriculture, surveillance, industrial cleaning, and infrastructure support.



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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.