Mahindra’s launches high-performance AIROTEC Turbo 600 Alpha Sprayer

Farm

Author : mahindraadmin Category : Farm Published : 9/25/2025

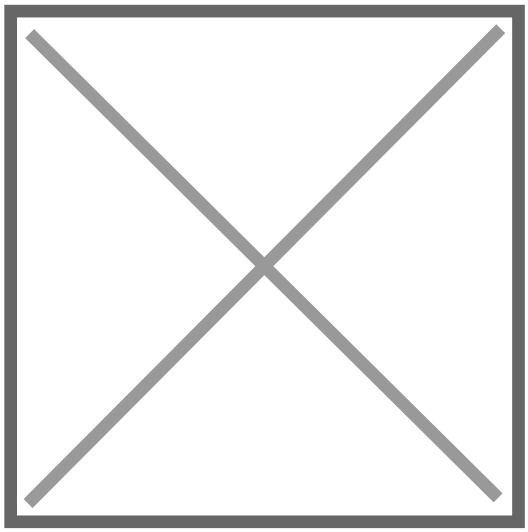
Made in India, the AIROTEC Turbo 600 Alpha revolutionizes crop care with
unmatched precision and efficiency for orchard farmers

Mumbai, September 24, 2025: Mahindra Farm Equipment Business, India’s largest tractor manufacturer and among the leading farm machinery players, has launched the Mahindra AIROTEC Turbo 600 Alpha, a ***high-performance compact and powerful sprayer*** for orchard crops. Made in Nashik, Maharashtra, the award-winning sprayer has been developed by M.I.T.R.A (Mahindra Innovative Technologies & Research for Agriculture), a fully owned subsidiary of Mahindra & Mahindra Ltd. This advanced solution is set to transform mechanized spraying in India’s growing horticulture sector.

Designed specifically for fruit crops like grape and pomegranate, the new high-performance tractor driven Mahindra AIROTEC Turbo 600 Alpha sprayer is compact in size and built for real-world orchard conditions.

Featuring a **robust 600-liter compact tank**, a powerful **75 LPM diaphragm pump** at the core and a high-performance **616 mm fan for air output of up to 32 m/s**, ensures that the AIROTEC Turbo 600 Alpha delivers uniform coverage across the plant, addressing challenges related to uneven application often seen in traditional methods. **Compatible with Mahindra & non-Mahindra tractors**, the sprayer is light in weight for lower tractor fuel consumption.

Combining engineering excellence with practical insights, the new sprayer is a valuable investment for farmers who aim to mechanise their crop care operations.



Commenting on the launch of the new Mahindra AIROTEC Turbo 600 Alpha sprayer, **Dr. Anusha Kothandaraman, Vice President & Business Head of Farm Machinery & Precision Farming – Mahindra Farm Equipment Business explains** *"With mechanisation in crop protection experiencing significant growth in India, we at Mahindra are proud to launch our new compact sprayer the Mahindra AIROTEC Turbo 600 Alpha. Defined by its compact design, precision features and easy movement, our new sprayer will ensure protection of delicate fruit and flower crop for better quality of output. The new range is available across Mahindra MITRA dealerships across key markets of Maharashtra, Karnataka and Gujarat."*

Whether navigating narrow vineyard passages or providing delicate spraying coverage in pomegranate orchards, precision spraying machines play a crucial role in **preventing disease, reducing chemical use and improving overall crop quality**, for higher farm productivity and overall yield, besides saving on time and labour. **Farmers using the AIROTEC Turbo 600 Alpha sprayer have reported significant savings in chemicals and labour, quicker spraying cycles, and better crop health.**

Designed to put control in the hands of the farmer, the AIROTEC Turbo 600 Alpha is fit with a **2-speed + 1-neutral gearbox** that lets users adjust the fan speed based on weather conditions and specific crop requirements. The **low-height profile** of the new sprayer enables **safe movement under canopy and trellis systems** essential for protecting delicate flowers and fruit in high-density orchards.

The **new compact tank** of the AIROTEC Turbo 600 Alpha is constructed from chemical-resistant materials, ensuring durability and a long operational life. **The compact tank design**, along with a **3- axis toe bar** allows easy movement through tight vineyard rows. By reducing physical contact with the crop, the new sprayer helps maintain integrity of the crop, minimizing risk of damaging vines or tender fruit, especially during critical crop growth stages.

For enhanced efficiency, the sprayer includes **12 two-way adjustable brass nozzles** that ensures precise chemical application and minimal wastage. A **5-mode controller** allows precise adjustment of spray pressure, direction, and coverage—enabling accurate and responsive spraying across varied terrains and crop growth stages.

The sprayers **brass agitator** keeps the chemical solution suitably mixed throughout the spraying operation preventing sedimentation and ensuring uniform application. **Safety features such as a pressure relief valve** protects both the pump and operator, while tire mud scrappers ensure

smooth operation even in muddy or uneven field conditions.

About Mahindra

Founded in 1945, the Mahindra Group is one of the largest and most admired multinational federation of companies with 260,000 employees in over 100 countries. It enjoys a leadership position in farm equipment, utility vehicles, information technology and financial services in India and is the world's largest tractor company by volume. It has a strong presence in renewable energy, agriculture, logistics, hospitality and real estate. The Mahindra Group has a clear focus on leading ESG globally, enabling rural prosperity and enhancing urban living, with a goal to drive positive change in the lives of communities and stakeholders to enable them to Rise.

Mahindra rolled out its first tractor in 1963 through a joint venture with International Harvester Inc., USA, is the only Indian company to have sold over 4 million tractors globally. Over the past 60 years, Mahindra has expanded its portfolio to include more than 300 multi-functional tractor models, catering to diverse needs in both domestic and international markets. Renowned for their performance in rugged and challenging terrains, Mahindra tractors have earned prestigious global recognition, including the Deming Award and the Japanese Quality Medal, making it the only tractor manufacturer to receive both honours. With a presence in over 50 countries across six continents, Mahindra's largest market outside India is the U.S. The company also maintains a strong global manufacturing and assembly

footprint through subsidiaries and joint ventures in North America, Brazil, Finland, Turkey, and Japan.

Mahindra also has a significant presence in farm machinery, offering a comprehensive range of self- propelled and tractor-driven machinery that provides solutions across the entire agri-machinery value chain. Having set-up its first dedicated farm machinery manufacturing facility in Pithampur, Madhya Pradesh in 2023, the facility is capable of rolling-out a series of new products designed at Mahindra's global technology Centres of Excellence in Finland, Japan and Turkey. It is spread over 23 acres and can manufacture 1,200 combine harvesters and 3,300 rice transplanters per year.

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Mahindra Tractors & Mahindra Farm Machinery:

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