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Egrobots Launches Egyptâ??s First Locally Developed Autonomous Agricultural Harvesting Robot

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Egrobots, an Egyptian DeepTech and intelligent robotics company, has announced the launch of what it describes as the first autonomous agricultural harvesting robot fully designed and developed by Egyptian engineers. The milestone highlights the growing capabilities of Egyptâ??s technology sector in artificial intelligence, robotics and autonomous systems.

The newly introduced robot is designed to support smart farming and agricultural automation using advanced computer vision, AI-powered analytics and autonomous navigation technologies. The system can identify ripe crops, calculate optimal movement paths across farmland and perform harvesting tasks with minimal human involvement.

According to the company, the robot has been developed to address increasing demand for automation in agriculture, particularly as farms face labour shortages, rising operational costs and the need for higher productivity and sustainability.

The harvesting system features a modular and scalable architecture that can support up to four robotic arms operating simultaneously. This configuration enables the robot to achieve harvesting productivity of approximately 160 kilograms per hour while operating continuously around the clock.

Akhlad Al-Abhar stated that the launch represents a significant step toward integrating intelligent systems into the regionâ??s agricultural infrastructure.

Al-Abhar noted that the company aims to accelerate digital transformation and sustainable farming practices across Egypt and the Middle East through locally developed robotics technologies capable of competing globally.

The launch comes amid growing international interest in autonomous agriculture, where AI-driven systems are increasingly being used for real-time data analysis, precision farming and operational optimisation to improve agricultural output while reducing waste.

Founded in Egypt, Egrobots specialises in Physical AI and autonomous systems development and is supported by a team with more than 50 years of combined experience in robotics and industrial technologies.

The company said the project demonstrates how Egyptian startups are evolving beyond adopting existing AI applications toward building complete DeepTech solutions engineered and manufactured locally for regional and global markets.