

REX MKII

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In news— Recently Israel Aerospace Industries (IAI) has unveiled a remote-controlled armed robot REX MKII.

About REX MKII-

- The army robot **is capable of patrolling battle zones, tracking infiltrators,** and opening fire on enemy targets.
- It is **operated by an electronic tablet** and can be equipped with two machine guns, cameras and sensors.
- The multi-mission **Rex MK II is intended to support infantry ground forces in various stages of fighting.**
- This includes **providing logistical assistance to troops** by carrying **ammunition supplies, critical medical equipment, water, and food, as well as evacuating injured personnel** on stretchers.
- The system can also **gather intelligence through a situation-awareness system** that incorporates electro-optical sensors and radar.
- The tablet can control the vehicle manually, but **many of its functions, including its movement and surveillance system, can also run autonomously.**
- The Israeli drone vehicle **was showcased at this week's Defense and Security System International arms trade show in London 2021.**
- The unmanned vehicle is the **latest addition to the world of drone technology,** which is rapidly reshaping the modern battlefield.
- These semi-autonomous machines **allow armies to protect their soldiers,** while critics fear this marks another dangerous step toward robots making life-or-death decisions.

Other operational unmanned platforms developed by IAI

including:

- **The Jaguar**, an unmanned land platform for defending borders, gathering intelligence and carrying out attacks.
- **The RobARC, an operational unmanned platform** for uncovering and destroying ground level and subterranean explosive devices.
- **The Robattle** – a robotic operational land platform with high maneuverability, carrying out complex missions in difficult conditions, quickly and safely.

The RobDozer – an unmanned bulldozer intended to carry out complex military engineering in danger zones.