



**CORVUS
TECHNOLOGY
SOLUTIONS**

AUTONOMOUS MULTIPLATFORM UAV LAUNCHER

AN ELECTRO-MECHANICAL, SOFTWARE-CONTROLLED UAV LAUNCH SYSTEM FOR FIXED WING UNMANNED AERIAL VEHICLES.

A skid-mounted platform designed for multi-role deployments and independent operation. The compact vehicle-mounted variant is capable of launching fixed wing unmanned aerial vehicles up to 31kg at 25 m/s (90 km/h). Larger variants meet the launch requirements of UAVs up to 270Kg at 100km/h.

The electro-mechanical design effectively reduces thermal and acoustic signatures, ensuring discreet and covert operations. The integrated battery power pack allows operation independent of disruptable power sources.

The Corvus electronic fire-control system allows multi-platform operation with specific launch velocity profiles for each individual platform and payload configuration. Launch profiles are easily configurable via a graphical user interface.

KEY FEATURES

- Rapidly launch UAVs with a range of payload and launch profiles at the touch of a button.
- Minimal thermal and acoustic signature at launch
- Remote operation capability
- Digital fire control software that optimises acceleration profile to UAV platform and payload
- Compact skid-mounted design with short rail - Optimised for rapid or covert light vehicle or container launch capability
- Low maintenance, high operator safety with minimal training requirements
- Rapid operational readiness with minimal setup/start-up time
- Integrated battery power pack, independent of disruptable power sources. Recharge using readily available low voltage power sources including solar and 12v vehicle systems.



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