

## UAV LIGHTWEIGHT LAUNCHERS **LWL**

**Use: To Launch Un-manned Air Vehicles in 6 to 30 kg range, including the VIGILANT®.**

The UAVSI (UAVSI) Unmanned Air Vehicle (UAV) lightweight launchers (**LWL**) are exceptionally light yet powerful UAV launching systems. Recent upgrading, utilising powerful gas struts and an incorporating an improved arresting system; results in an overhaul length and weight reduction. Other advantages are a much wider operational temperature range and having the ability to reduce or increase the available power therefore making each launcher adaptable to varying UAV's.

The LWL is completely weather proof and supplied with a ruggedized housing case that un-folds to become the launcher base. The LWL is easily set up for different air vehicle weights and launch speeds, therefore making each system uniquely versatile. The launcher can be made ready for UAV/target launch within 10 minutes from arriving at the UAV operating site, utilising the deployment case or alternatively as stand-alone (on uneven terrain etc).

The UTSL lightweight Launcher may also be fitted to a mobile platform, such as a lightweight 4x4 (e.g. *Landrover* or *Supacat*) which can carry also carry the Tactical Control Station (TCS), spare AVs and operating equipment.

UTSL MINI LAUNCHER for launching air vehicles in the 6 to 30Kg AUV category.



# UAV LAUNCHER **LWL**

## General specifications

Length (unfolded)	2.1 m
Launcher weight	20.0 kg
Typical air vehicle weight	6 - 30 Kg
Air vehicle release speed	12-16ms (according air vehicle mass)
Gas Struts	Yes
Operational temperature range	-25 to +60 Deg C
Rugged DC electric winch	Yes
Easily removable shuttle	Yes
Launch Speed Indicator (LSI)	Yes
Inbuilt safety systems	Yes
Safe lanyard release	Yes
Complete with support legs and carrying/base case	Yes
Minimum maintenance	Yes

Please contact UTSL for exact specifications and performances. Special launchers can be designed and manufactured to meet customers own requirements.

