

Reaching the skies



SKY Sling



Sky-Sling is a foldable, lightweight mid-range hydraulic UAV launcher with a wide TOW range, featuring closed loop acceleration controls and ultra-fast recovery times.

Launching process is regulated by high-speed servo-control valves, allowing accurate and repeatable launches.

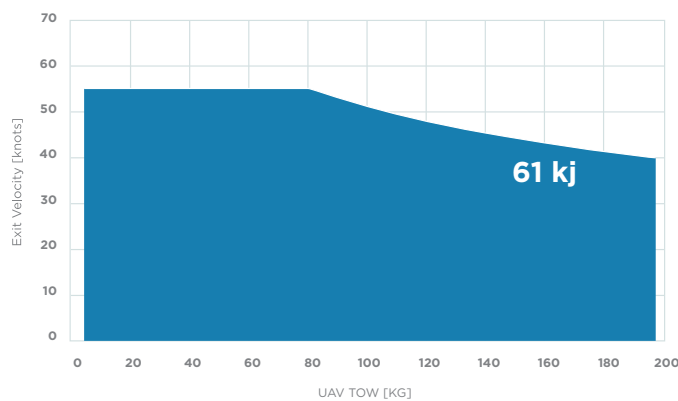
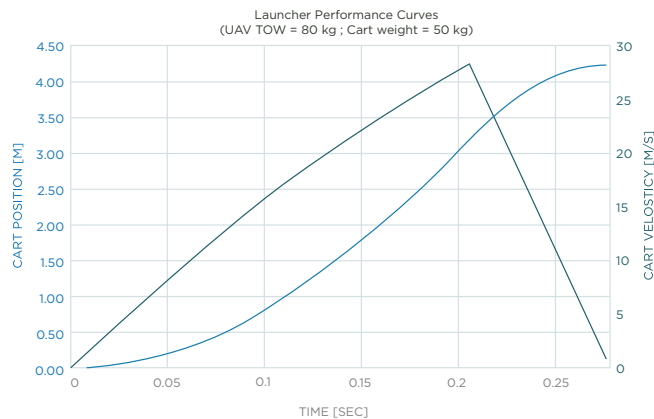
Sky-Sling's innovative hydraulic system features automation for previously manual operations.

Advanced safety features ensure maximal safety for both operators and UAV.

Sky-Sling's foldable launch module can be fitted onto a variety of platforms.

KEY FEATURES

- Naval environment compliant
- Minimal storage size (HxWxL 176cm x 180cm x 270cm)
- Built-in hydraulic power unit (12V battery driven)
- Pulley based reduction between actuator & UAV
- Remote pendant operated (15m long tactical cable)
- Built-in critical safety features (triple locking mechanisms)
- Automatic field deployment
- Automatic repositioning capability (stabilizing and leveling)



BL SKY-SLING TECHNICAL DATA

- Maximal UAV mass: 200 kg
- Maximal UAV takeoff speed (80 kg UAV): 55 knots (28.3 m/s)
- Maximal acceleration (closed loop controlled): 17 g
- Setup time (ready to launch): < 5 minutes
- Launcher recovery time: < 1 minute
- Launcher weight: 950 kg
- Operating temperatures: -20°C .. +50°C
- Launch angle: 9° - 12°
- Internal voltage level: 12 VDC
- Maximal charging pressure: 220 bar
- Launcher power: 361 kW
- Launcher energy: 61 kJ
- Envelope launching capability: (see chart above)

CONTACT

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