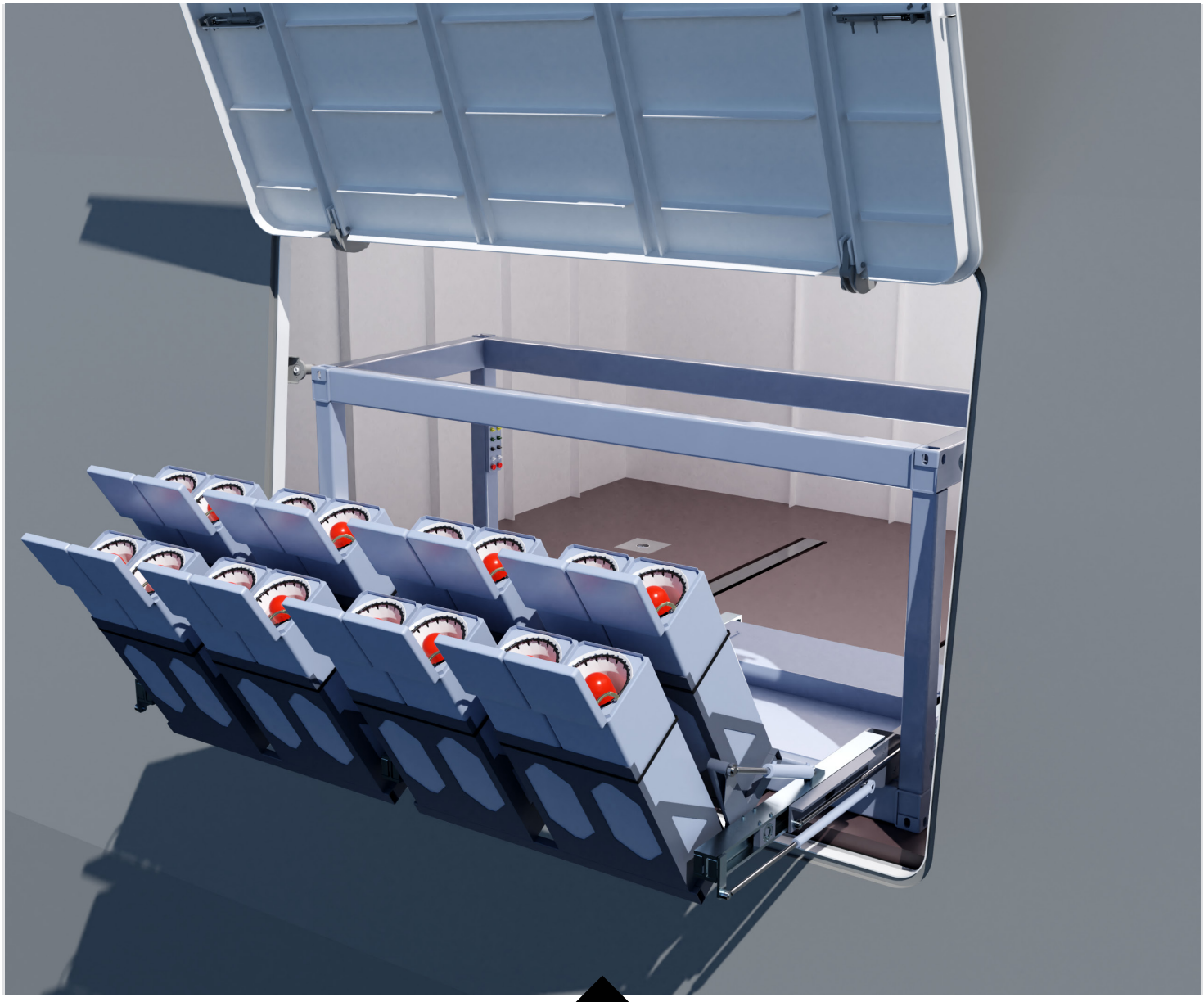
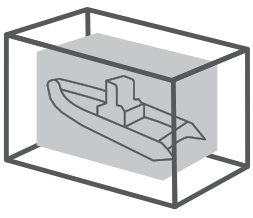


UAV Side Launch

The Cube™  Multi-Mission Module

Contact.
sales@shdefence.com

SH DEFENCE

Cube™-ready containerised UAV launch and recovery system with CMS interface.

Standard solution, versatile application
Unmanned aerial vehicles – UAVs or drones – have become an important part of many naval operations. From search and rescue operations over detection of oil or chemical spills to intelligence operations and extension of radio/ telecom signals, the UAVs are an excellent tool capable of covering large areas.

SH Defence has developed a UAV Side Launch and Recovery System Cube™ consisting of a dock for multiple UAVs installed on a Cube™ 20' Base Frame. A hydraulically operated telescopic arm extends the UAV dock from the side of the vessel, allowing almost vertical launch and recovery of the UAVs.

Fits in a 20' Cube™-ready mission bay
As with all other Cubes™, the UAV Side Launch and Recovery System has the footprint of a standard 20' high-cube container and comes with the standard connection interfaces that are compatible with the Cube™-ready mission bay standard connection cabinet CubedIn™ for plug-and-play charging and communication functionality.

The UAV Side Launch and Recovery System also comes with an interface to the CMS.

The open base frame structure provides easy access to service and maintenance of docks and UAVs from the mission bay.

Description	Value
Cube Engineered Frame	
Dimensions (L x W x H)	6058 mm x 2438 mm x 2896 mm
Weight	10,5 MT
UAV Weight	65 KG
UAV Diameter	300 mm
UAV Endurance	15 min.
Launch Direction	Vertical
Recovery Direction	Vertical
Recovery Feature	Active ship roll compensation

STROBELTEK

SPRINTER

Ducted Fan Unmanned Aerial System (UAS)

- Fully Autonomous Missions (No Pilots)
- Launch & Recovery are Both Autonomous
- Auto-Generate 2D/3D Maps
- Adaptable Payload
- Swarming Capability

- Made with Carbon Fiber & Fiberglass
- Vertical Flight Modes
- Max Speed is 70 km/h (43mph)
- No Exposed Moving Parts
- Ducted-Fan Design

Sprinter UAS Specifications

Models with longer flight times and higher speeds are coming soon.

Endurance	15 min (Hover)
Maximum Alt	15,000 ft MSL
Range	5 Miles
EO/IR Payload	1080p, 8MB EO 320 x 240 IR
Vehicle Dimensions	8 in diameter, 18 in height
Vehicle Weight	3.3 lbs
Dock Dimensions	13.5 in x 13.5 in x 44 in
Dock Weight	44 lbs

StrobelTEK (formerly AS Works) is an engineering research, development, and services firm specializing in the design and delivery of novel UAS solutions. Custom creation of new products can be developed upon request.

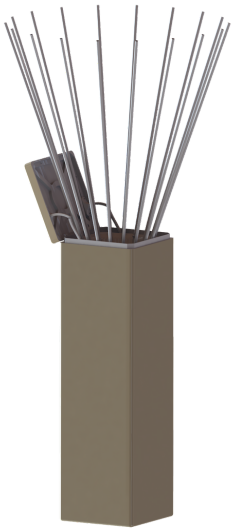
Please reach out to info@strobeltek.com to discuss your unique needs further – we're happy to help!

UAS Ecosystem by StrobelTEK

Sprinter UAS

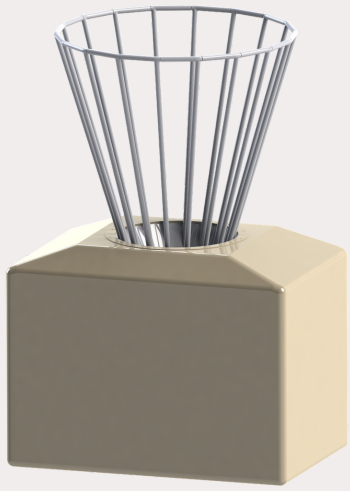
AI-enabled, fully autonomous

Solo Dock



Launches, recovers, stores & charges individual Sprinter UAS drones

Swarm Dock



Launches, recovers, stores & charges up to 5 Sprinter UAS drones