

Underslung Aerial Spray Systems



STRATUS Underslung Aerial Spray Systems - Efficient and Versatile Dispersant Solution

Revolutionize your aerial dispersant capabilities with the STRATUS Underslung Aerial Spray System. Designed for deployment from any "helicopter of opportunity" equipped with a cargo hook, this system offers unparalleled flexibility and efficiency in oil spill response.

Key Features:

- **Versatile Deployment:** Operates as an underslung load with a single strop & harness, compatible with any helicopter featuring a cargo hook.
- **Independent Power Supply:** Incorporates its own power supply for autonomous operation, reducing dependence on the helicopter's systems.
- **Simple Control:** Controlled via a user-friendly pilot/crew-operated control box for ease of operation.
- **Emergency Jettison:** Designed for safety, the system can be jettisoned in emergencies without any modifications to the helicopter.

Components of the STRATUS System:

1. **Lightweight Aluminium Tank and Frame:** Marine-grade construction ensures durability and corrosion resistance.
2. **Electric Start Diesel Engine:** Powers a centrifugal pump and a 10m Spray Boom assembly.
3. **Adjustable Spray Boom:** The 10m assembly can be configured to a 6m span, and nozzles are fully adjustable for diverse application rates and swath widths.

Aerodynamic Efficiency: The STRATUS Tank features a unique aerodynamic profile, minimizing drag to maximize fuel efficiency and transit/spraying speeds. Careful system mass control optimizes dispersant load, rotorcraft fuel capacity, and in-flight stability.

Elevate your aerial dispersant capabilities with the STRATUS Underslung Aerial Spray System – a cutting-edge solution for efficient and versatile oil spill response.