



RAKSHAK^{4.0}

A six-rotor platform for operations where payload, endurance, and control matter most.



Agriculture



Firefighting



Logistics

www.sanhsystems.com

PLATFORM CAPABILITIES

Advanced System Features

Stable flight architecture



Six rotors

Better stability and controlled heavy-lift flight.



Foldable arms

Compact transportation and easier field deployment.



Battery swapping

Keep operations moving with reduced turnaround time.

Mission-ready lift



Heavy-lift capability

Carry meaningful payloads for agriculture, firefighting, cleaning, and logistics.



Multi-purpose design

One configurable platform across diverse operational environments.

CORE Specifications

All-up weight	50 kg
Configuration	6-rotor hexacopter
Agriculture flight time	45+ minutes
Firefighting	Extended operation with ground power
Design	In-house developed

MISSION APPLICATIONS

Applications



Agriculture spraying

Cover large fields with a stable, repeatable aerial work platform.



Firefighting

Support extended operation with ground power where response time matters.



Heavy logistics

Move critical payloads across challenging terrain and worksites.



Solar panel cleaning

Enable aerial cleaning workflows across large solar installations.



Industrial operations

Adapt the platform to demanding plant, site, and maintenance tasks.



Defence logistics

Extend logistics reach with a robust multi-purpose aerial carrier.

Heavy lift, made practical.

RAKSHAK combines six-rotor stability, foldable transport, battery-swapping convenience, and in-house engineering to deliver dependable aerial capability across agriculture, emergency response, industry, and logistics.

Multi purpose Heavy lift Drone



One drone. Multiple missions.

RAKSHAK is a powerful, stable, and versatile six-rotor drone designed for agriculture, firefighting, industrial operations, solar panel cleaning, and heavy logistics.

DESIGNED AND DEVELOPED IN-HOUSE

A dependable heavy-lift platform built to move more, stay stable, and adapt to demanding field operations.

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