SDO 50 V2 FOR TRANSPORT

SwissDrones Operation AG's SDO 50 V2 is a next generation unmanned system with VTOL capability and high payload capacity. The unique design features of the SDO 50 V2 provide prolonged endurance, stable flight patterns and a high degree of safety.

In the recent years, logistics companies around the world are testing drones as a tool for transportation of goods and products. SDO 50 V2 with its unparalleled payload capacity will be an invaluable asset for customers looking for a reliable drone.

Every second matters in a medical emergency and SDO 50 V2 can help you save valuable time and money in those situations. SDO 50 V2 can access places where, poor infrastructure has made it difficult to reach patients in need.

From humanitarian to commercial logistics needs, SwissDrones has a solution for every mission.

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Delivery of medical supplies
Commercial goods & products transportation
Delivery of essential supplies in case of emergencies

Factbox SDO 50 V2:

Rotary system:	Flettner double rotor system (4 blades)
Rotor diameter:	2 x 2,82 m
Engine:	High performance turbine
Fuel:	JET A1 (optional Diesel)
Fuel consumption:	Approx. 15 L / hour
Dimensions l/w/h:	2,32 m x 0,7 m x 0,92 m
Empty weight:	42 kg
Max payload:	45 kg
MTOW:	87 kg
Max fuel capacity:	Main tank 13 L add. tank 2 x 4 L ; 2 x 7 L ; 2 x 13 L
Max flight time:	Up to 2,5 hours
Max service ceiling:	Up to 3000 m AMSL
Max airspeed:	20 m / s (72 km / h)

NOTE! All performance data about the SDO 50 V2 and for the GCS are subject to change, depending on final payload configuration.

Factbox (RTS) Rescue and Transport System:

Payload:	36 kg
Landing gear:	Aluminum profiles
Dimension landing Gear l/w/h:	862 mm x 670 mm x 385 mm
Box:	Multifunctional plastic box
Box Capacity:	Volume 100 L
Winch:	Electro motor 200 w 28 v, lowering 12m / min
Rope:	15 m plastic rope

It can also transport customised transport boxes

Applications:

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Commercial goods & products transportation
Delivery of essential supplies in case of emergencies