

IDEX 2023: Schiebel develops Camcopter S-300



Schiebel Corporation has detailed the development of a larger variant of its Camcopter S-100 unmanned aerial vehicle (UAV) at IDEX 2023, being held in Abu Dhabi from 20 to 24 February.

The Camcopter S-300, a larger variant of the S-100, is designed to meet the requirements of customers seeking extended range, higher endurance, and enhanced payload-carrying capabilities.

Schiebel's chairman, Hans Georg Schiebel, told Janes that "Schiebel started the development of the S-300 to provide heavy-lift solution for land and maritime domains, perform better anti-submarine warfare operations, and have scope to integrate various types of radars".

The new vertical take-off and landing (VTOL)-capable S-300 is intended for intelligence, surveillance, and reconnaissance (ISR) operations for civil, governmental, and military organisations.

The S-300 is fitted with multiple hardpoints for flexible payload installation with a capacity of up to 250 kg, while using the same ground control station and payload fits of the S-100, Schiebel said.

The S-300 has a maximum take-off weight of 660 kg, internal payload capacity (including fuel weight) of 340 kg, and internal fuel tank capacity of 300 litres. It has a datalink range of up to 200 km and an endurance of up to 24 hours and 4 hours with 50 kg and 250 kg payloads, respectively.