For Missions Accomplished

Whatever the missions, whatever the times, wherever the places, we’ll get you where you’re going.
A Swiss Made Helicopter

Kopter Group was founded with a vision: to create a state-of-the-art, single-engine turbine helicopter backed by next-generation support and services. To achieve this vision, Kopter Group launched the SH09 to deliver best-in-class performance, while offering the largest cabin and cargo volumes, outstanding modularity and modern electronic systems. Our SH09 is the Swiss response to making a helicopter. It is built for missions accomplished, from the most demanding to the everyday.
Multi-mission by Design

At Kopter Group, we promise that whatever the mission, wherever the destination, the SH09 will get you where you’re going—safely, quickly and consistently. The SH09 offers the highest standards of safety, performance and comfort, coupled with low operating costs. It may be suitably equipped to operate in the most adverse environments.

With a fast cruise speed of 260 km/h (140 knots) it is not only one of the fastest helicopters in its category, but it also offers a long range—in excess of 800 km (430 nautical miles) with standard fuel tanks. A noteworthy characteristic is its extremely low noise level, not only inside the cabin, but also externally.

To develop the SH09, Kopter Group has assembled a team with extensive expertise in the light- to medium-weight helicopter market. We are applying the latest standards in high tech materials, composites and technology in creating the all new, state-of-the-art SH09 helicopter.

Glass Cockpit
Innovative, ergonomic and intuitive glass cockpit, with optimized human-machine interface and the modular Garmin G3000H integrated flight deck that enhances safety and situational awareness.
**Technical Data Characteristics** [Sea level, ISA]

**Capacity:**
1 Pilot + up to 8 Passengers

**Sling-load capacity:**
1,500 kg / 3,300 lbs

**Power Plant:**
Honeywell HTS 900 FADEC Turbine Engine

**Maximum Take-Off Power**
(thermodynamic power equivalence):
1020 shp / 760 kW

**Maximum Take-off Weight with Internal load:**
2,850 kg / 6,284 lbs

**Maximum Take-off Weight with External Load:**
3,000 kg / 6,614 lbs

**Fast cruise speed**
(at MTOW):
260 km/h / 140 kts

**Maximum Range and Endurance** (with standard tanks):
800 km / 430 nm
3.7 hrs to 5 hrs

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**Rotor System**
Superior maneuverability using an advanced rotor system with 5-blades in full composite.

**Composite Cell**
Lightweight and strong, built with composite materials for strength and high crash resistance. The cabin has a high ceiling with unparalleled available space, offering a wide field of view, easy loading and flexibility in configuring the interior.

**Modern Turbine**
The Honeywell HTS 900 turboshaft engine incorporates next-generation technology, including a dual centrifugal compressor, no time life limit, reduced fuel consumption, a modern dual FADEC (Full Authority Digital Engine Control) and excellent hot-and-high performance.

**Safety**
Redundant hydraulic, FADEC and electrical systems for improved reliability.

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**Shrouded Tail Rotor**
The use of a shrouded tail rotor contributes to lower noise levels and improved safety on the ground.

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**Missions**

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A Smooth and Comfortable Ride

The SH09 is the new reference in the light turbine helicopter segment for passenger transportation. Its spacious cabin provides seating layout flexibility, offering the largest legroom in its category along with ample room for luggage—with easy loading through the rear-access clamshell doors. Up to eight passengers can be accommodated for sightseeing and tourism flights, leveraging the SH09’s unique visibility from both the cockpit and cabin. In helicopter shuttle applications, space is available for up to 10 suitcases. Benefitting from the SH09 five-blade main rotor’s low vibration levels and the shrouded tail rotor’s whisper-quiet noise signature, the SH09 sets the standard for comfort and an ultimate flying experience.

We take passenger transport to new levels.
Kopter: For missions accomplished.
The True Workhorse

As the Kopter Group’s new-generation helicopter, the SH09 is a highly capable platform for missions that range from firefighting to aerial work—bringing new levels of operating efficiency in the three-ton class of single-engine light utility rotorcraft. In addition to an external load capacity of 1,500 kg (3,300 lb), the SH09 has a unique high-ceiling cabin, equipped with sliding doors on both sides, as well as the largest cargo compartment in its category. The flat floor and unobstructed accessibility through rear clamshell door make the SH09 the most flexible multi-purpose helicopter, delivering added-value in a full range of day-to-day operations.

We take utility missions to new levels. Kopter: For missions accomplished.

→ 1500 kg External cargo load capacity
→ High Visibility
→ 1020 hp Outstanding Hot & High Performance
Mission: Security

Eye-in-the-sky

For law enforcement, patrol missions, observation duties and aerial filming, the SH09 is a highly capable surveillance platform that ensures a safe and efficient operating environment. Low pilot workload and high situational awareness with enhanced navigation from the Garmin G3000H integrated flight deck, combined with reduced cabin vibrations and flat floor offer an optimal working environment for all crewmembers aboard. The high cruise speed of 260 km/h (140 knots) rapidly brings the SH09 on-scene. Its range of up to 430 nautical miles and flight endurance of up to five hours give excellent deployment capabilities and extended endurance times.

We take surveillance and law enforcement missions to new levels. Kopter: For missions accomplished.
Ready for life-saving Missions

When seconds count, the SH09 is the helicopter of choice for a full range of EMS (Emergency Medical Services) duties. These operations benefit from its excellent handling qualities and compact footprint—enabling operations from unprepared surfaces and in tight landing zones.

The high-clearance tail boom and shrouded tail rotor facilitate the movement of ground personnel during loading/unloading stretchers and equipment from the rear clamshell doors, while access for patients and crews also is facilitated by wide sliding doors on both sides of the cabin.

Interior layouts benefit from the SH09’s flat-floor design, with the versatility further enhanced by an outstanding field of view that allows pilots and medical crews to easily monitor the mission.

We take medical and rescue missions to new levels. Kopter: For missions accomplished.
A True Partnership

When Kopter Group delivers a helicopter, it marks the first step in a long-term relationship. Our team is focused on the operational success of customers, across the full range of missions. The digital support service provided by Kopter Group is both predictive and responsive, based on our unique connected-helicopter philosophy.
