

BIOGRAPHY

VASILY LUKASHOV

FOUNDER & CEO, FIXAR



It takes a particularly inventive mind to create something that stands well above the competition. It is no surprise Vasily Lukashov has done precisely that.

Vasily is the founder and CEO of FIXAR, the European developer of Unmanned Aerial Systems. Its signature product is fixed-wing VTOL aircraft that takes off like a helicopter but flies like an airplane. The design exploits the efficiency and lifting power of an airfoil while enjoying the convenience of vertical take-offs and landings.

Unlike many VTOL drones, Vasily's design does not involve additional servos and moving parts – which can easily become points of failure. Instead, FIXAR's signature products feature Fixed Angle Rotors (the genesis of the FIXAR acronym).

For Vasily, it's been a natural progression. Early on, he developed a passion for building and flying model aircraft. Learning first the basics and then more advanced aerodynamics spurred him to begin pushing technological and design envelopes. He even developed and sold a popular radio-controlled aircraft model kit. His university major in applied mathematics, along with a background in IT, allowed him to also work on software development.

With a love of flight and deep technical expertise, Vasily was soon leading engineering teams, designing numerous UAVs, and even competing (and winning) high-level model aerobatics competitions in Europe and globally. He has also designed a long-distance autonomous FPV UAV that is currently in use for industrial purposes.

Vasily has been able to transform his passion into a profession. As a result, he's keenly interested in helping young people who show an interest in and aptitude for UAVs and robotics.

Vasily is also drawn to innovative solutions, therefore FIXAR is constantly looking for industry relevant solutions. Currently a new commercial drone UAV product (FIXAR 025) with a carrying capacity of 10 kg (22 lbs) is in the development phase.

When he invented and patented the Fixed Angle Rotor system, Vasily knew he was onto something special. He founded FIXAR in 2018 with the goal of designing and developing the best unmanned aerial solutions for indoor and outdoor commercial tasks. His design, including its swappable payload bay capable of carrying two kilograms, mark a significant step forward in the design of Unmanned Aerial Systems.

With an outstanding R&D team and a shared commitment to excellence, Vasily Lukashov and FIXAR are poised to excel globally in this competitive market.

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