

A FANTASY COMBINATION OF POWER, SPEED
AND SPORTY ELEGANCE IN CLOUDS OF PERFECTION.

600 KG MTOW



WHY IS FM250 VAMPIRE THE BEST CHOICE FOR YOU?

- **FM250 Vampire was designed like a sports car** (sophisticated in shape, all-composite construction, carbon materials in the interior, comfortable shaped seats side-by-side and accessories of high quality and durable materials used in the automotive industry..)
- **FM250 Vampire stands out as one of the lightest aircraft in its category** which you will appreciate especially in terms of flight performance and takeoffs or landings on short runways. You can indulge in equipment according to your wishes without worrying about the reserve in the payload for pilots, fuel, and luggage.
- **FM250 Vampire, with its wingspan of 7,9 m makes handling and parking in the hangar easier and saves space.**
- **FM250 Vampire offers a perfect all-round view from the cockpit** and when the canopy is opened, you can comfortably stand up into an upright position, which you will appreciate when boarding or getting out.
- **FM250 Vampire is ideal for touring, business trips, pilot training, and club operations** - standard cruising speed is over 200 km/h (V_{NE} 270 km/h), range over 1200 km, and flight duration of more than 8 hours (120 l in wing tanks), certified for glider towing up to 750 kg, solid and durable landing gear.
- **FM250 Vampire is provided with full customer support** - aircraft inspections directly at the manufacturer, a permanent and flexible stock of spare parts with the option of purchasing through our e-shop.
- **FM250 Vampire showcases production abilities of company Carbon design, s. r. o., with its ten-year tradition, which specializes in composite materials manufacturing technologies, using modern epoxy resins and carbon, aramid, and glass fibers.**





600 kg MTOW UL category

Length _____	6.5 m
Height _____	2.05 m
Wing span _____	7.96 m
Wing area _____	10,07 m ²
Empty weight _____	290 - 320 kg
Usefull load _____	up to 325 kg
MTOW _____	600 kg
Never exceed speed V_{NE} _____	270 km/h
Stall speed in landing configuration V_{S0} _____	77,3 km/h
Stall speed in clean configuration V_{S1} _____	89 km/h
Cruise speed _____	180-220 km/h
Climb rate _____	3,5 - 6 m/s at 120 km/h
Take off distance over 15 m obstacle _____	380 m
Engine options _____	ROTX 912 ULS/914 UL
Fuel tank capacity _____	120 l
Range _____	1200 km
Glider air tows _____	up to 750 kg
Number of seats _____	2 (pilot, co-pilot)

