



## FUROS – Data Sheet

### Dimensions

Wingspan : 2.280 mm

Length: 1.750 mm

Height: 570 mm

### Wing

Surface: 68,4 dm<sup>2</sup>

Mean aerodynamic chord: 300 mm

Airfoil: NACA 4415

Ma. Wing loading: 146,2 g/dm<sup>2</sup>

Min wing loading: 94,30 g/dm<sup>2</sup>

Dihedral: 3°

RN: 350.000 – 750.000



### Engine

Make: Zenoah

Model: G260PU (25,4 cc)

Propeller: Zinger 16x6 or 16x8

Fuel tank: 3 l. (85 oct. benzin with 2% oil)

### Weights

Empty: 5.910 g

Min. in flight weight (no fuel): 6.450 g

Max. Take off weight: 11.000 g

Payload: 5.090 g (fuel+payload)



### Performances

Stall speed (@ 8.000 g): 35 km/h

Cruise speed: 70 km/h

Max. speed 145 km/h

Max. Climb rate: 10 m/s

Fuel consumption @ 70 km/h: 0,5 l/h

Endurance (no reserve): 6 h

Furos is a medium range UAV that thanks to its gasoline engine can fly for six hours and cover distances of over 400 km guided by autopilot. The cargo bay has ample space for payload in the central area of the fuselage and the nose has a modular system designed to accommodate thermal cameras. The high power of its engine and its special streamlined design allows to take off and land in very little space from unprepared terrain. It can reach a top speed of 145 km / h and climb to 3,000 m in less than ten minutes. Equipped with a new video link and long-range data link can be manually controlled to 20 km or undertake missions on their pre-programmed autopilot.