

PIPISTREL 



SINUS MAX

Versatility in the Air

It's a glider, a fast and efficient cross country cruiser, a versatile trainer and a flexible aircraft solution. Sinus Max is the ultimate in flexibility, available to transform from a motor glider into a capable cross-country aircraft in minutes.

The Sinus Max combines the true sense of a glider with unprecedented efficiency during powered flight. Take off and land on short runways, fly long distances and enjoy excellent gliding capability. All in the same aircraft.

Fuel Efficient with Outstanding Range

Pipistrel's Sinus aircraft are record-breaking thanks to aerodynamic efficiencies while operating at less than 10 liters of fuel per hour in normal cruise flight. With long-range fuel tanks, you can go farther.

Excellent Gliding Performance

Powered by imagination and innovation, the 15-meter wings and up to 23:1 glide ratio with feathered propeller allow you to enjoy countless hours of flying. Of course, when needed, you can turn the engine on to extend the range.

PEACE OF MIND

The cockpit is designed with energy-absorbing structures made from Kevlar fiber, matched with the optional ballistic parachute recovery system.

LUXURIOUS AND RELIABLE

With more than 30 years of experience manufacturing aircraft and a worldwide fleet of more than 2,500, Sinus Max has been designed and tested to ensure the aircraft performs to its best, always. Low operating costs and excellent reliability provide endless flight possibilities.

As for comfort and luxury, the wide, spacious cabin available with an optional leather interior will make you feel right at home. The Sinus Max can be customized to meet your personal flying desires.





TECHNICAL DATA

SINUS MAX

Performance

Max Climb Rate	866 ft/min	4.4 m/s
Max Cruise	100 KTAS	185 km/h
Max Range	766 nm	1,419 km
Max Altitude	18,000 ft MSL	
Endurance	7 hr 42 min	
Glide Ratio	23:1	

Powerplant

Engine	Rotax 912 UL	
Propeller	Pipistrel Vario	
Max Takeoff Power	80 hp	60 kW
Fuel Tank Capacity	26.4 gal	100 L

Weights

Max Takeoff Weight	1,320 lb	600 kg
Typical Empty Weight*	717 lb	325 kg
Useful Load	606 lb	275 kg

Dimensions

Wingspan	49 ft 1 in	14.97 m
Length	21 ft 4 in	6.5 m
Height	6 ft	1.82 m
Max Occupants	2	

Data using MTOW of 1,320 lb, ISA, SL

*Typically equipped empty weight.

Note: Pipistrel reserves the right to revise this data whenever occasioned by product improvement/authority regulations or other good causes.

PIPISTREL

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