

Technical Characteristics & Performance

Type	NuviX Tanarg 912	NuviX Tanarg 912S	BioniX Tanarg 912	BioniX Tanarg 912S	BioniX Tanarg 912ES
Wingspan	9.55 m	9.55 m	9.85 m	9.85 m	9.85 m
	31.3 ft	31.3 ft	32.3 ft	32.3 ft	32.3 ft
Surface	15.2 m ²	15.2 m ²	15.1 m ²	15.1 m ²	15.1 m ²
	164 sq ft	164 sq ft	163 sq ft	163 sq ft	163 sq ft
Aspect ratio	6.00	6.00	6.4	6.4	6.4
Nose angle	130°	130°	130°	130°	130°
Wing weight	52 kg	52 kg	56 kg	56 kg	56 kg
	115 lbs	115 lbs	124 lbs	124 lbs	124 lbs
Trike weight	186 kg	188 kg	186 kg	188 kg	183 kg
	410 lbs	415 lbs	410 lbs	415 lbs	404 lbs
Payload	214 kg	212 kg	220 kg	218 kg	223 kg
	472 lbs	467 lbs	485 lbs	481 lbs	492 lbs
Height	3.45 m	3.45 m	3.45 m	3.45 m	3.45 m
	11.3 ft	11.3 ft	11.3 ft	11.3 ft	11.3 ft
M.T.O.W.	462 kg	462 kg	472.5 kg	472.5 kg	472.5 kg
	1019 lbs	1019 lbs	1042 lbs	1042 lbs	1042 lbs
Engine	Rotax 912	Rotax 912S	Rotax 912	Rotax 912S	Rotax 912ES
Power	80 HP	100 HP	80 HP	100 HP	100 HP
Gear box ratio	2.43:1	2.43:1	2.43:1	2.43:1	2.43:1
Propeller	3-blade Arplast 1.66 m (65 in)	3-blade Arplast 1.66 m (65 in)	3-blade Arplast 1.66 m (65 in)	3-blade Arplast 1.66 m (65 in)	3-blade Arplast 1.58 m (62 in)
Noise level*	72 dB	72 dB	72 dB	72 dB	69 dB
Consumption	10 l/h at 95 km/h	10 l/h at 95 km/h	10 l/h at 100 km/h	10 l/h at 100 km/h	10 l/h at 100 km/h
	2.6 gal at 59 mph	2.6 gal at 59 mph	2.6 gal at 62 mph	2.6 gal at 62 mph	2.6 gal at 62 mph
Minimum speed	61 km/h	61 km/h	61 km/h	61 km/h	61 km/h
	38 mph	38 mph	38 mph	38 mph	38 mph
Maximum speed	140 km/h	140 km/h	150 km/h	160 km/h	160 km/h
	87 mph	87 mph	93 mph	99 mph	99 mph
Climb rate	5.0 m/s	6.0 m/s	5.0 m/s	6.0 m/s	5.5 m/s
	984 ft/min	1181 ft/min	984 ft/min	1181 ft/min	1083 ft/min

Performances given for an actual payload of 180 kg.

*Measure taken at full power at an altitude of 150 m above ground.