

Schloiderding V2 Spinthing Specifications			Dream-Flight Libelle Specifications			Alien Specifications		
Wing span	1.20 m	47 in	Wing span	1.2 m	47 in	Wing span	1.20 m	47 in
Wing area	14.9 dm ²	231 sq in	Wing area	21.3 dm ²	330 sq in	Wing area	17.1 dm ²	265 sq in
Length	86 cm	34.0 in				Length	62 cm	24 in
Flying weight from	131 g	4.6 oz	Flying weight from	278 g	9.8 oz	Flying weight from	250 g	8.8 oz
Wing loading	8.8 g/dm ²	2.9 oz/sq ft	Wing loading	13.0 g/dm ²	4.3 oz/sq ft	Wing loading	15 g/dm ²	4.8 oz/sq ft
Aspect ratio		9.7	Aspect ratio		6.8	Aspect ratio		8.4
Wing airfoil	Proprietary		Wing airfoil	Proprietary		Wing airfoil	6% proprietary	
Dihedral angle	7.7°					Dihedral	2.5°	
Centre of Gravity	57-61 mm from wing leading edge					Centre of Gravity	29.5-30.5 mm from wing leading edge	
Controls	Rudder, elevator		Controls	Rudder, elevator, ailerons		Controls	Elevons, rudder	

Schloiderding V2 Spinthing Typical Weights

Alien Typical Weights

Total structure	105.0 g	3.7 oz
Flying weight	131.0 g	4.6 oz
Noseweight	10.0 g	0.4 oz
Receiver	5.0 g	0.2 oz
Rudder servo	4.5 g	0.2 oz
Elevator servo	4.5 g	0.2 oz
Battery	12.0 g	0.4 oz

Recommended R/C-nano gear only

Elevator & rudder servos
 Blue Bird
 BMS-101DMG,
 Blue Bird
 BMS-101HV,
 Hitec HS-40,
 KST X06

Recommended R/C-nano gear only

Elevator & rudder servos (2)
 Blue Bird
 BMS-101DMG,
 Blue Bird
 BMS-101HV,
 Dream-Flight
 4.8g, KST X06

Total structure	162 g	5.7 oz
Nosecone	6 g	0.2 oz
Accessories	15 g	0.5 oz
Wing	109 g	3.8 oz
Fuselage	27 g	1.0 oz
Fin	5 g	0.2 oz
Receiver	6 g	0.2 oz
Rudder servo	6 g	0.2 oz
Elevon servos	16 g	0.6 oz
Battery	20 g	0.7 oz

Recommended R/C-nano gear only

Rudder servo [KST X06](#)

Receiver

Spectrum
AR6610T,
Lemon
LM0034,
Futaba
R6004FF*,
Orange DSM2
compatible,
Jeti Duplex R4
& R5,
Multiplex
Mlink RX-6-
DR Light*,
FrSky D4R II

Aileron servos (2)

Blue Bird
BMS-
101DMG,
Blue Bird
BMS-101HV,
Dream-Flight
4.8g, KST X06,
KST X06N

Aileron servos

[KST X08H](#)

Battery

[HyperLipo 2S
175 mAh,](#)
[HyperLipo 2S
300 mAh, 150
mAh 4.8V,](#)
[Dream-Flight
300 mAh](#)

Receivers

4/5 channel
rx to suit your
transmitter,
eg Spectrum
AR6610T,
Lemon
LM0034,
Futaba
R6004FF,
FrSky X4R,
Orange DSM2
compatible,
Jeti Duplex
R5, Multiplex
Mlink RX-6-
DR Light

Receiver

Small 4
channel rx to
suit your tx

Battery

HyperFlight
300 mAh 4.8V
NiMH,
Dream-Flight
300 mAh 4.8V
NiMH,
HyperLiPo 2S
300 mAh

**Battery
(60x18x8mm)**

1S 380-
660mAh LiPo,
Ytong 1S 380
mAh,
FullyMax LiPo
1S 660mAh,
Tatu 1S 600
mAh

Cables (2)

[Lightweight
20 cm Servo
Extension
Lead, Med-
light 15 cm
Servo
Extension
Lead,
Lightweight
10 cm Servo
Extension
Lead](#)