

# SW-51 Mustang price list

valid from 01.06.2018



## ScaleWings Aircraft GmbH

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Language:	English
Version:	Ultralight Plane
Information:	detailed

Order No.	Select	Euro Price (net)	##
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SW-51 Mustang - Ultralight Plane		UL600	154.800
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**Maximum take-off mass (MTOM) 600 kg/1,323 lbs in basic configuration.  
Ready to fly inclusive certification documentation.**

### Instruments front panel:

Airspeed indicator, 3-pointer altimeter (20000 ft), magnetic compass, bank indicator, variometer, fuel quantity gauge and sensor main tanks, power quadrant, basic wiring harness

### Instruments rear panel:

Airspeed indicator, 3-pointer altimeter (20000 ft), magnetic compass, bank indicator, basic wiring harness

### Technical equipment:

Electric landing gear with shock absorbers, electric flaps, electric trim over all axes, FLINOS Basic to control landing gear, flaps and trim, cabin vent and heating, removable seats, hydraulic disc brakes with park lock, tie down rings, integrated canopy lock, 2 x 50 l / 13,2 USGal center wing tanks (aerobatic) with electric gauges, LiFePo4-Battery, military stick grip front seat with trim and PTT-button, throttle grip with integrated rudder trim button, removable control sticks front and rear, folding down armrest front and rear, charging socket for iPad & Co., 12V-charging socket.

## Engine packages all packages inclusive installation and testing

Engine package	Code	Selection	Price
<b>UL-Power UL260iS power package, 100 hp / 70 kW @ 2800 rpm (aerobatic)</b> UL-Power engine UL260iS, 6 cylinder, 2,6 l / 158,17 cu.in., incl. ECU and engine wiring harness engine wiring harness 2 fuel pumps, 2 filters UL-Power muffler exhaust tubes exhaust array 2 x 6 pipes engine mount ventilation cooling system oil cooling system AcroOil System tachometer (front and rear panel) oil temperature gauge oil temperature sensor oil pressure gauge oil pressure sensor fuel pressure gauge fuel pressure sensor Amperemeter Shunt Voltmeter UMA instruments fuse UMA instruments wiring harness master avionics switch master avionics relay fuel pump switch fuel pump fuse ECU fuse master switch (key switch) Ignition test switch ignition switch Start button SW-51 engine control panel incl. Wiring harness	UL260	<input checked="" type="checkbox"/>	<b>inclusive</b>
<b>UL-Power UL390iS power package 145 hp / 106,5 kW @ 2800 rpm (aerobatic)</b>	UL390	<input type="checkbox"/>	<b>4.950</b>

Order No.	Select	Euro Price (net)	##
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ULPower engine UL390iS, 6-cyl., 3,9 l / 237,2 cu.in. incl. ECU and wiring harness  
 engine wiring harness  
 2 fuel pumps, 2 filters  
 UL-Power muffler  
 exhaust tubes  
 exhaust array 2 x 6 pipes  
 engine mount  
 ventilation cooling system  
 oil cooling system  
 AcroOil System  
 tachometer (front and rear panel)  
 oil temperature gauge  
 oil temperature sensor  
 oil pressure gauge  
 oil pressure sensor  
 fuel pressure gauge  
 fuel pressure sensor  
 Amperemeter  
 Shunt  
 Voltmeter  
 UMA instruments fuse  
 UMA instruments wiring harness  
 master avionics switch  
 master avionics relay  
 fuel pump switch  
 fuel pump fuse  
 ECU fuse  
 master switch (key switch)  
 Ignition test switch  
 ignition switch  
 Start button  
 SW-51 engine control panel incl. Wiring harness

**Rotax 912iS powerdrive package 100 hp (no aerobatic!)**

R912



**5.100**

Rotax 912iS engine incl. ECU and wiring harness  
 2 fuel pumps, 2 filters  
 UL-Power muffler  
 exhaust tubes  
 exhaust array 2 x 6 pipes  
 engine mount  
 ventilation cooling system  
 oil cooling system  
 Standard Rotax oil tank  
 tachometer (front and rear panel)  
 oil temperature gauge  
 sensor  
 oil pressure gauge  
 sensor  
 fuel pressure gauge  
 sensor  
 Amperemeter  
 sensor  
 Voltmeter  
 UMA instruments fuse  
 UMA instruments wiring harness  
 master avionics switch  
 master avionics relay  
 fuel pump switch  
 fuel pump fuse  
 ECU fuse  
 master switch (key switch)  
 Ignition test switch  
 ignition switch  
 Start button  
 sw51 engine control panel incl. wiring harness

**Rotax 915iS powerdrive package 140 hp (no aerobatic!)**

R915



**14.700**

Rotax 915iS engine incl. ECU and wiring harness  
 2 fuel pumps, 2 filters  
 UL-Power muffler  
 exhaust tubes  
 exhaust array 2 x 6 pipes  
 engine mount  
 ventilation cooling system  
 oil cooling system  
 Standard Rotax oil tank  
 tachometer (front and rear panel)  
 oil temperature gauge  
 sensor  
 oil pressure gauge  
 sensor  
 fuel pressure gauge

Order No.    Select    Euro Price (net)    ##

sensor  
 Amperemeter  
 sensor  
 Voltmeter  
 UMA instruments fuse  
 UMA instruments wiring harness  
 master avionics switch  
 master avionics relay  
 fuel pump switch  
 fuel pump fuse  
 ECU fuse  
 master switch (key switch)  
 Ignition test switch  
 ignition switch  
 Start button  
 sw51 engine control panel incl. wiring harness

**Propeller packages** all packages inclusive installation and testing

<b>Fixed propeller package for UL-Power and Rotax engines incl. spinner</b>	DC3BL	<input checked="" type="checkbox"/>	<b>inclusive</b>
DUC 3-blade ground adjustable propeller, Ø 1730 mm / 68.11" Spinner SW-51 for DUC 3-blade propeller			
<b>MT electric constant speed propeller MTV-10 for UL-Power engines incl. spinner</b>	MTV10EL	<input type="checkbox"/>	<b>15.920</b>
MTV-10-B/180-XX 4-blade electric constant speed propeller, Ø 1800 mm / 70,87" Controller P-120-U/2800(12VDC) manifold pressure gauge (front and rear) propeller lever front & rear + P120 modifications Spinner for MTV-10 P-120 fuse P-120 wiring harness			
<b>MT hydraulic constant speed propeller MTV-10 for Rotax engines incl. spinner</b>	MTV10HY	<input type="checkbox"/>	<b>15.920</b>
MTV-10-B/180-XX 4-blade hydraulic constant propeller, Ø 1800 mm / 70,87" Governor Hydraulic akku P-447 manifold pressure gauge (front and rear) propeller lever front + rear + P120 modifications Spinner for MTV-10 P-120 fuse P-120 wiring harness			

**FLINOS upgrade packages** all packages inclusive installation and testing

<b>FLINOS linux controller system upgrade</b>	FLLI	<input type="checkbox"/>	<b>3.480</b>
upgrade linux controller system gear & flap controller software wing connection check software Inductive sensors for wing locking check Angle sensor for gear motors wiring harness			
<b>FLINOS fuel and energy management package</b>	FLFU	<input type="checkbox"/>	<b>980</b>
fuel controller software electrical energy and battery check software shunt wiring harness			
<b>FLINOS engine information package for UL390iS 6 cylinder</b>	FLUL	<input type="checkbox"/>	<b>1.870</b>
Engine information software EGT sensors CHT sensors wiring harness			
<b>FLINOS engine information package for Chevy 8 cylinder</b>	FLCH	<input type="checkbox"/>	<b>1.985</b>
Engine information software EGT sensors CHT sensors wiring harness			

**Avionic Packages** all packages inclusive installation and testing

<b>Radio &amp; transponder package front panel</b>	RTFR	<input checked="" type="checkbox"/>	<b>0</b>
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Complete set AIR Control Display + TQ KRT-2 radio + VT-01 Mode-S Transponder

GPS receiver  
 12V standard plug  
 fuse  
 wiring harness

**EARLY BIRD BONUS**

Radio and Transponder free of charge for orders until end of July 2018 !  
Version and configuration you can choose until 16 weeks prior to delivery.

<b>Radio &amp; transponder package rear panel</b>	RTRE	<input type="checkbox"/>	<b>796</b>
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Air Control Display + activation altinator (Air Control Display)  
 ethernet cable  
 12V standard plug  
 fuse

	Order No.	Select	Euro Price (net)	##
wiring harness				
<b>Artificial horizon package</b> Artificial horizon electrically driven fuse wiring harness	AHME	<input type="checkbox"/>	<b>3.980</b>	
<b>Vertical card compass (magnetic) package</b> Vertical card compass (magnetic)	VCCO	<input type="checkbox"/>	<b>295</b>	
<b>Directional gyro package</b> Directional gyro electrically driven fuse gyro wiring harness	DGEL	<input type="checkbox"/>	<b>1.250</b>	
<b>G-meter front panel</b> G-meter front panel	GMFR	<input type="checkbox"/>	<b>455</b>	
<b>G-meter rear panel</b> G-meter rear panel	GMRE	<input type="checkbox"/>	<b>455</b>	
<b>Angle of Attack indicator package</b> AOA-Sensor and Indicator fuse wiring harness	AOA	<input type="checkbox"/>	<b>698</b>	
<b>Flybox Oblò package front panel</b> Oblò Compact EFIS OBLO GPS receiver Oblo fuse Oblo wiring harness	OBLO	<input type="checkbox"/>	<b>1.990</b>	
<b>Flybox Oblò Repeater rear panel</b> Oblò repeater Oblo fuse wiring harness	OBRE	<input type="checkbox"/>	<b>895</b>	
<b>Flybox Oblò autopilot package</b> Flybox autopilot control unit Flybox FX75 Digital Servo autopilot fuse wiring harness	OBAP	<input type="checkbox"/>	<b>2.795</b>	
<b>Garmin G3X "GPS - radio - transponder" front panel package</b> GDU 450 GDU 450 installation kit GA 26C configuration module radio GTR 225 transponder GTX 23 ES ADAHRS Module remote compass GMU 22 installation kit OAT sensor fuse wiring harness	G3XGPS	<input type="checkbox"/>	<b>12.970</b>	
<b>Garmin G3X engine monitoring system EMS extension package</b> Engine Monitoring Module GEA connector kit GSU25 connector kit EGT CHT Fuel flow transducer shunt 100 A pressure sensor temperature sensor pressure sensor fuse wiring harness	G3XEMS	<input type="checkbox"/>	<b>2.640</b>	
<b>Garmin G3X rear panel</b> GDU 450 GDU 450 installation kit fuse wiring harness	G3XRE	<input type="checkbox"/>	<b>3.990</b>	
<b>Garmin 2 axis autopilot package</b> Autopilot Control Panel GSA28 GSA28 connector kit fuse wiring harness	G3XAP	<input type="checkbox"/>	<b>3.350</b>	
<b>Dynon GPS package front panel</b> SkyView™ Classic	DYGPS	<input type="checkbox"/>	<b>4.280</b>	

	Order No.	Select	Euro Price (net)	##
ADAHRS GPS Receiver/Antenna SkyView Backup Battery SkyView Network Hub with 5 Ports Remote Magnetometer fuse wiring harness				
<b>Dynon GPS engine monitoring system EMS extension package</b> Engine Monitoring Module Fuel flow transducer EGT CHT shunt 100 A pressure sensor temperature sensor pressure sensor fuse wiring harness	DYEMS	<input type="checkbox"/>	<b>2.260</b>	
<b>Dynon GPS repeater package rear panel</b> SkyView™ Classic fuse wiring harness	DYRE	<input type="checkbox"/>	<b>2.680</b>	
<b>Dynon 2 axis autopilot package</b> Autopilot control panel Autopilot Servos fuse servo mounts, wiring harness	DYAP	<input type="checkbox"/>	<b>2.160</b>	
<b>Insight G2 package for UL390iS, 6 cylinder</b> Insight G2 wiring harness upgrade from 8" to 14 " Fuel flow signal adaptor OAT Probe fuse wiring harness	ING2	<input type="checkbox"/>	<b>2.980</b>	
<b>Insight G3 package for UL390iS, 6 cylinder</b> Insight G3 wiring harness upgrade form 8" to 14 " Fuel Flow Signal Adaptor OAT Probe fuse wiring harness	ING3	<input type="checkbox"/>	<b>2.980</b>	
<b>Installation package for iPad mini 4 front panel</b> installation frame heating (below 5°) ventilation (below 5° and above 35 °) fuse ventilation + heating external bluetooth GPS antenna Power supply 12V -> 5 V wiring harness	IPM4FR	<input type="checkbox"/>	<b>690</b>	
<b>Installation package for iPad mini 4 rear panel</b> installation frame heating (below 5°) ventilation (below 5° and above 35 °) fuse ventilation + heating Power supply 12V -> 5 V wiring harness	IPM4RE	<input type="checkbox"/>	<b>590</b>	
<b>Installation package for Samsung Tab 2 front panel</b> installation frame heating (below 5°) ventilation (below 5° and above 35 °) fuse ventilation + heating external bluetooth GPS antenna Power supply 12V -> 5 V wiring harness	SAT2FR	<input type="checkbox"/>	<b>690</b>	
<b>Installation package for Samsung Tab 2 rear panel</b> installation frame heating (below 5°) ventilation (below 5° and above 35 °) fuse ventilation + heating Power supply 12V -> 5 V wiring harness	SAT2RE	<input type="checkbox"/>	<b>590</b>	
<b>Safety Packages</b>				
all packages inclusive installation and testing				
<b>Anti collision package</b> TRX-1500 anti collision system	POFL	<input type="checkbox"/>	<b>1.995</b>	

	Order No.	Select	Euro Price (net)	##
Air Traffic Display fuse wiring harness				
<b>Emergency Locator Transmitter (ELT) package</b> Emergency location transmitter ELT fuse wiring harness	ELT	<input type="checkbox"/>	<b>1.190</b>	
<b>Light &amp; strobe package</b> lights and flashes wing tips + light rear landing light landing light mechanism + switch lights switch lights relay strobe switch strobe relay fuse wiring harness	LISTR	<input type="checkbox"/>	<b>1.965</b>	
<b>Parachute Rescue System 600 kg</b> Galaxy parachute & rocket mounting construction belts belt & door integration into fuselage shell	GA600	<input type="checkbox"/>	<b>9.450</b>	
<b>Accessory packages</b>				
all packages inclusive installation and testing				
<b>Auxillary tanks package 2 x 100 l</b> tanks in outer wings fuel quantity gauge fuel quantity sensor tubing fuel tank pump tank filler caps OW aux tanks FLINOS controller software fuse wiring harness	AUXT	<input type="checkbox"/>	<b>5.270</b>	
<b>PowerSmoke basic package</b> smoke pump, injectors, tubing oil tank 20 L inclusive installation kit switch fuse wiring harness	SMBA	<input type="checkbox"/>	<b>1.095</b>	
<b>PowerSmoke FLINOS upgrade</b> smoke controller software oil sensor wiring harness	SMFL	<input type="checkbox"/>	<b>590</b>	
<b>Electric seat slider front seat</b> electric seat slider package forward / backward for front seat fuse wiring harness	ESFR	<input type="checkbox"/>	<b>690</b>	
<b>Electric seat slider rear seat</b> electric seat slider package forward / backward for rear seat fuse wiring harness	ESRE	<input type="checkbox"/>	<b>690</b>	
<b>Seat lift front seat</b> seat mechanisme (for easy entry and exit) fuse wiring harness	ELFR	<input type="checkbox"/>	<b>690</b>	
<b>Seat lift rear seat</b> seat mechanisme (for easy entry and exit) fuse wiring harness	ELRE	<input type="checkbox"/>	<b>690</b>	
<b>Trim controls for rear seat</b> stick grip rear Military Style minus standard stick grip rear throttle grip rear (incl. ruder trim & side button) additional side button at throttle grip rudder trim switch at throttle grip wiring harness	MSRE	<input type="checkbox"/>	<b>395</b>	
<b>Miscellaneous</b>				
<b>Transport jig for container/truck/trailer transport</b>	TRJI	<input type="checkbox"/>	<b>1.970</b>	
<b>Maintenance jack (for landing gear checks)</b>	JUSU	<input type="checkbox"/>	<b>720</b>	
<b>Markings and weathered surface</b>	WEATH	<input type="checkbox"/>	<b>1.450</b>	

	Order No.	Select	Euro Price (net)	##
<b>Aluminium appearance supplement</b>	ALUM	<input type="checkbox"/>	<b>3.985</b>	
<b>AeroTrailer - the aircraft trailer for your aircraft</b>	AETR	<input type="checkbox"/>	<b>19.850</b>	
<b>AeroTrailer -swivel mechanisme including outer wing rest for the SW-51 Mustang</b>	ATME	<input type="checkbox"/>	<b>4.970</b>	
<b>MobileHangar - for the fully rigged SW-51 Mustang (width 9,8 m, 32 ft)</b>	MHLA	<input type="checkbox"/>	<b>19.600</b>	
<b>MobileHangar - for the derigged SW-51 (width 3,0 m, 9 ft 10 in)</b>	MHSM	<input type="checkbox"/>	<b>14.700</b>	

**Payment Conditions**

At order: first prepayment of EUR 9,800.-  
 14 weeks prior to delivery: Second prepayment of 50 % of the order value  
 On delivery: Remainder  
 All prices in EUR ex-Works Krosno (PL), VAT not included.  
 All sales are subject to ScaleWing's General Sales Conditions.

**Net price: € 154.800**

**The client confirms having read the General Sales Conditions which constitute an integral part of this order.**

**Client**

First name _____	Street + No. _____	_____
		Estimated Delivery
Last name _____	ZIP Code _____	
Company _____	City / Place _____	_____
	Land _____	Place and date of order
E-mail _____	Phone no. _____	_____
		Signature

Special agreements: \_\_\_\_\_