

Product list of Swiwin Turbine

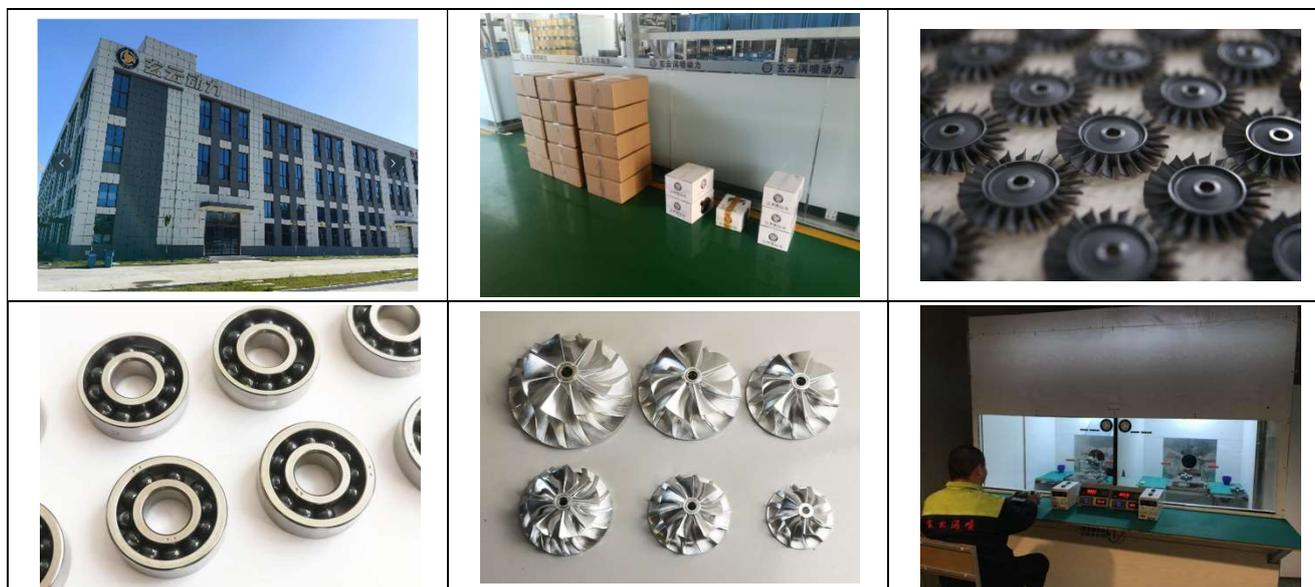
Website:www.sw-jet.com

Mail:sw-jet@qq.com



Package:

	Weight	Diameter(cm)
SW60B/SW80B	1.4Kg	27x19x15
SW120B/SW140B	2.2Kg	32x26x18
SW170B/SW190B	2.5Kg	32x26x18
SW220B/SW240B	2.7Kg	32x26x18
SW300B	4.0Kg	41x28x20
SW400Pro	4.6Kg	41x28x20
SW600pro	10Kg	57x37x32
SW800Pro	11.8Kg	55x35x30
SW1200pro	31Kg	72x42x41





Brushless starter and Brushless pump



V3 / V4 ECU system:

<p>V3 ECU and color GSU</p> <ul style="list-style-type: none"> - Telemetry support Futaba Spektrum Jeti - 3S 11.1V power - 2S 7.4V receiver - Firmware upgradeable  <p>www.sw-jet.com</p>	<p>The SWIWIN V3 ECU was designed from the ground up and is based on 32 bit microprocessor functionality and designed specifically for SWIWIN Turbines.</p> <p>The V3 ECU offers the following benefits:</p> <ul style="list-style-type: none"> ● Data Logging Auto start Automatic Restart ● Color Screen visible in direct sunlight ● Configurable thrust curve with very fast throttle response ● Telemetry function ● BUS input ● TTL UART Digital interface
<p>UAV engine conetroller all in one box</p> <p>ECU/cables/telemetry/GSU/pump (custom made)</p>  <p>SW300B www.sw-jet.com</p>	<p>The V4 UAV ECU offers the following benefits:</p> <ul style="list-style-type: none"> ● Data Logging Auto start Automatic Restart ● Color Screen visible in direct sunlight ● Configurable thrust curve with very fast throttle response ● Telemetry function ● RS-232/RS-422 interface ● Support computer/auto-pilot software control ● Air-pressure function ● All in one design,build in pump inside box ● Heavy duty mosfet power output

Swiwin Turbine SW60B



	SW60B
Diameter	83mm
Length	198mm
Weight	765g
RPM range	50,000-150,000
Thrust	60N
EGT	700°C
Consumption	200g/min

Thrust (Kg)	RPM
5	~0.5
6	~1.0
7	~1.5
8	~2.0
9	~2.5
10	~3.0
11	~3.5
12	~4.0
13	~4.5
14	~5.0
15	~5.5

Thrust (Kg)	Fuel consumption (g/min)
5	~50
6	~60
7	~75
8	~90
9	~110
10	~130
11	~150
12	~170
13	~190
14	~210
15	~230



Swiwin Turbine SW80B



	SW80B
Diameter	83mm
Length	198mm
Weight	765g
RPM range	50,000-155,000
Thrust	80N
EGT	700°C
Consumption	270g/min

Thrust (Kg)	RPM
5	~50,000
6	~60,000
7	~70,000
8	~80,000
9	~90,000
10	~100,000
11	~110,000
12	~120,000
13	~130,000
14	~140,000
15	~150,000
15.6	~155,000

Thrust (Kg)	Fuel consumption (g/min)
5	~50
6	~60
7	~70
8	~80
9	~90
10	~100
11	~110
12	~120
13	~130
14	~140
15	~150
15.6	~160



Swiwin Turbine SW120B



	SW120B		
Diameter	99mm		
Length	250mm		
Weight	1250g		
RPM range	38,000-125,000		
Thrust	120N		
EGT	700°C		
Consumption	350g/min		



Swiwin Turbine SW140B



	SW140B
Diameter	99mm
Length	250mm
Weight	1250g
RPM range	38,000-130,000
Thrust	140N
EGT	700°C
Consumption	380g/min

Thrust (kg)	RPM
3	0
4	~1
5	~2
6	~3
7	~4
8	~5
9	~6
10	~7
11	~8
12	~9
13	~10

Thrust (kg)	Fuel consumption (g/min)
3	~80
4	~90
5	~100
6	~110
7	~120
8	~130
9	~140
10	~150
11	~160
12	~170
13	~180



Swiwin Turbine SW170B



	SW170B		
Diameter	109mm		
Length	258mm		
Weight	1450g		
RPM range	36,000-113,000		
Thrust	170N		
EGT	700°C		
Consumption	480g/min		



Swiwin Turbine SW190B



	SW190B
Diameter	109mm
Length	258mm
Weight	1450g
RPM range	36,000-116,000
Thrust	190N
EGT	700°C
Consumption	550g/min

Thrust (Kg)	RPM
4	~1
5	~2
6	~3
7	~4
8	~6
9	~8
10	~11
11	~15
11.8	~19

Thrust (Kg)	Fuel Consumption (g/min)
4	~100
5	~120
6	~150
7	~180
8	~250
9	~300
10	~380
11	~480
11.8	~550



Swiwin Turbine SW220B



	SW220B		
Diameter	116mm		
Length	275mm		
Weight	1700g		
RPM range	38,000-115,000		
Thrust	220N		
EGT	700°C		
Consumption	660g/min		



Swiwin Turbine SW240B



	SW240B		
Diameter	116mm		
Length	275mm		
Weight	1700g		
RPM range	38,000-118,000		
Thrust	240N		
EGT	700°C		
Consumption	685g/min		

RPM	Thrust (Kg)
3.8	~1
5.1	~2
6.6	~3
7.8	~4
8.7	~5
9.3	~6
9.9	~7
10.4	~8
11.1	~9
11.8	~10

RPM	Fuel consumption (g/min)
3.8	~100
5.1	~150
6.6	~200
7.8	~250
8.7	~300
9.3	~350
9.9	~400
10.4	~450
11.1	~500
11.8	~550



Swiwin Turbine SW300B/300pro/300pro-K

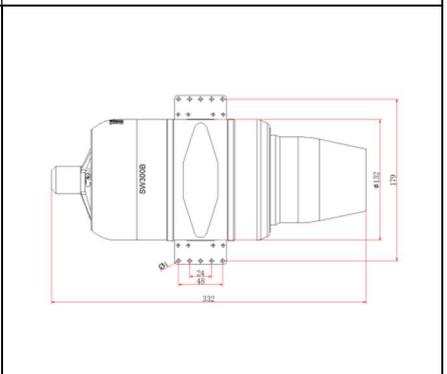
SW300B:300B+V3 ECU

SW300pro:300pro+V4 ECU

SW300pro-K:300pro-K+V4 ECU fast startup version



	SW300B		
Diameter	133mm		
Length	342mm		
Weight	2500g		
RPM range	38,000-98,000		
Thrust	300N		
EGT	700°C		
Consumption	820g/min		



Swiwin Turbine SW400pro/400pro-K

SW400pro:SW400pro+V4 ECU

SW400pro-K:SW400pro-K+V4 ECU fast startup version



	SW400pro	SW400pro RPM vs Thrust (Kg)	SW400pro Fuel Consumption (g/min)
Diameter	146mm		
Length	342mm		
Weight	3000g		
RPM range	33,000-95,000		
Thrust	400N		
EGT	700°C		
Consumption	1000g/min		



Swiwin Turbine SW600pro



	SW600pro		
Diameter	177mm		
Length	452mm		
Weight	6600g		
RPM range	25,000-72,000		
Thrust	600N		
EGT	700°C		
Consumption	1735g/min		



Swiwin Turbine SW800pro/800pro-Y

SW800pro:SW800pro+V5 ECU

SW800pro-Y:SW800pro-Y+ Interior V5 ECU



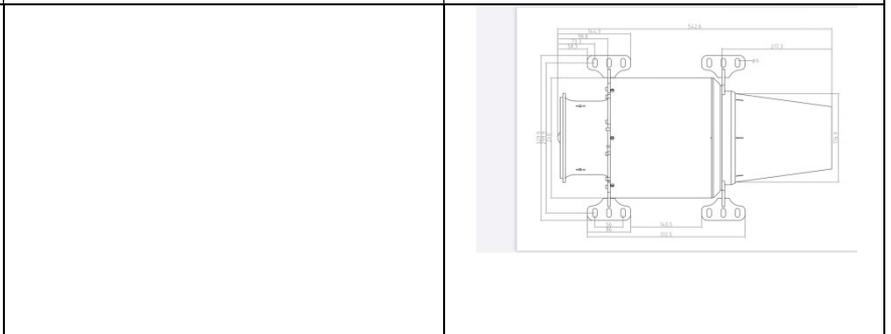
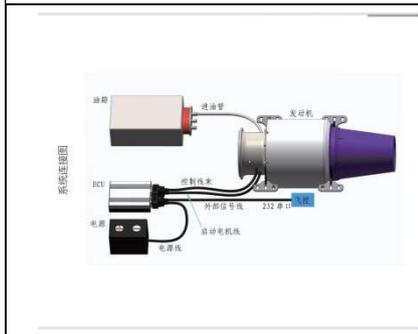
	SW800pro-Y	SW800pro RPM vs Thrust (Kg)	SW800pro Fuel Consumption (g/min)
Diameter	208mm		
Length	455mm		
Weight	8500g		
RPM range	20,000-65,000		
Thrust	800N		
EGT	700°C		
Consumption	1850g/min		

<p>Swiwin Turbine SW800pro-Y</p>		

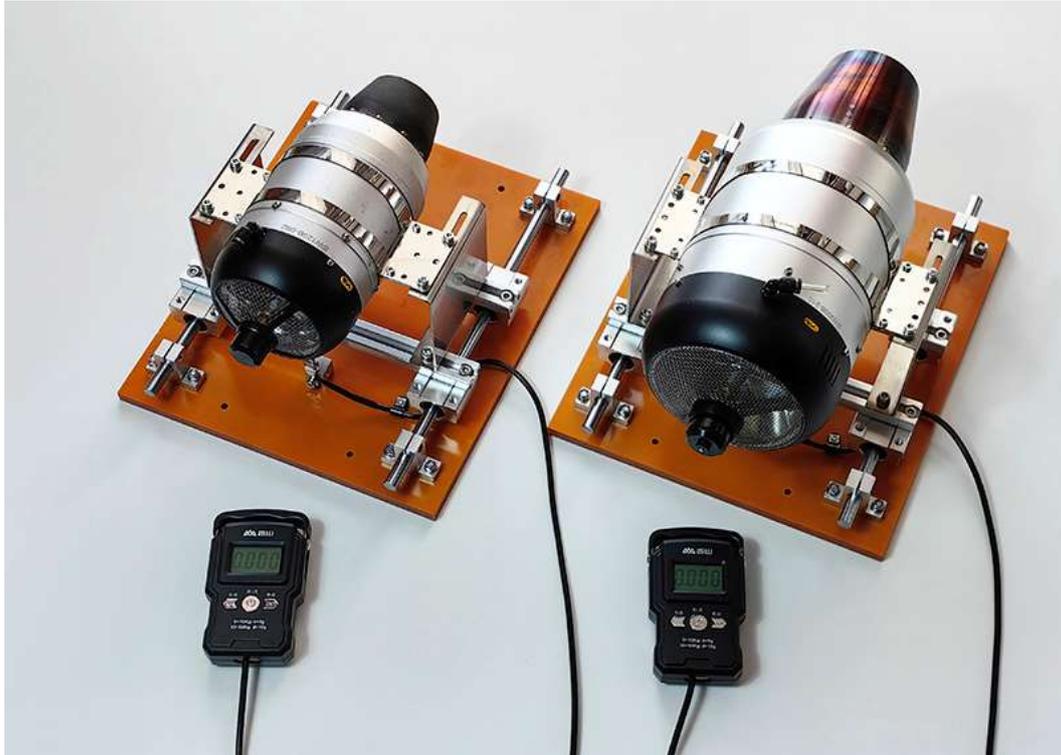
Swiwin Turbine SW1200pro



	SW1200pro
Diameter	240mm
Length	542mm
Weight	16000g
RPM range	22,000-50,000
Thrust	1200N
EGT	700°C
Consumption	2780g/min



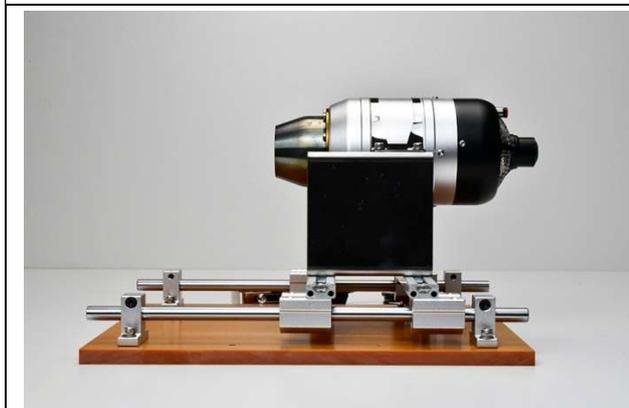
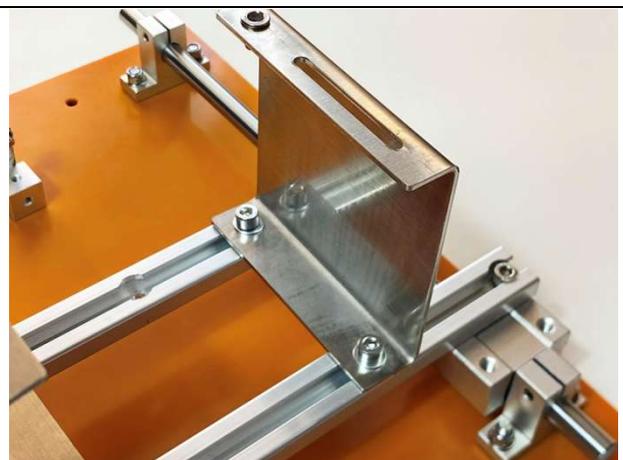
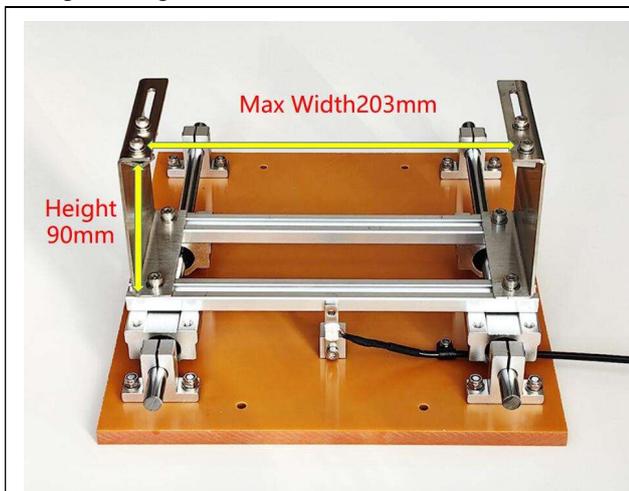
Easy test bench



Size: 250mm x 300mm

Install 6-40Kg Turbine

Weight: 2.5Kg



UAT



125ml : IN 6x4mm / Out 4x2.5mm for 60-80 Turbine
250ml : IN 6x4mm / Out 4x2.5mm for 120-140 Turbine
250ml : IN 6x4mm / Out 6x4mm for 170-400 Turbine

