



**ALTECARE RC prides itself on promoting Quality RC products  
with a commitment to customer satisfaction**

## **2012 Catalog**





## **Index**

<i>Page</i>	<i>Product</i>
<b>3</b>	<b><i>Behotec Turbines</i></b>
<b>6</b>	<b><i>Turbine Accessories</i></b>
<b>13</b>	<b><i>Jets-Munt Turbines</i></b>
<b>20</b>	<b><i>Festo Fittings</i></b>
<b>29</b>	<b><i>Retract Systems</i></b>
<b>43</b>	<b><i>e-Doors</i></b>
<b>44</b>	<b><i>Electric Upgrades</i></b>
<b>46</b>	<b><i>Behotec Struts</i></b>
<b>54</b>	<b><i>Wheels &amp; Brakes</i></b>
<b>56</b>	<b><i>Various Accessories</i></b>
<b>63</b>	<b><i>Fuel Accessories</i></b>
<b>64</b>	<b><i>Hysol Glue</i></b>
<b>65</b>	<b><i>Multi Servo Harness</i></b>
<b>67</b>	<b><i>Servo Extensions</i></b>
<b>70</b>	<b><i>A123 Batteries</i></b>
<b>72</b>	<b><i>PowerBox Regulator</i></b>
<b>75</b>	<b><i>Smoke System</i></b>




# Turbines

**B100F, B300F & Behotec 180 Gold**

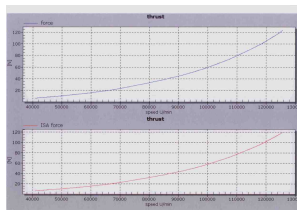
**Jetsmunt VT80, Merlin 100, Merlin 140 & Merlin 160**

## B100F

**120/27lbs of thrust**

**Quality, Reliability, Service**

**All turbines Service Interval: 50 Hours, Warranty: 2 years**

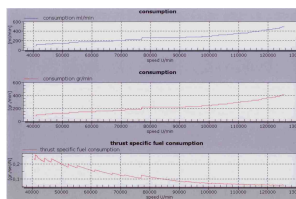
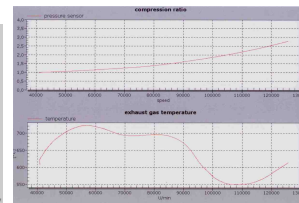


**F-Turbines**  
the powerful engine

serial no. 000011

level	Min.	Max.	Unit
rpm	4000	12000	rpm
thrust	1100	1200	lb
thrust	4000	12000	lb
ambient gas temperature	580.0	700.0	°C
pressure ratio	1.100	2.647	
consumption	100.0	400.0	g/hour
consumption	40.00	420.0	g/hour
air pressure	1000	1020	hPa
ambient air temperature	15.00	20.00	°C
thrust specific fuel consumption	0.0004	0.0004	g/hour/lb

Max. 4000 RPM/min, Min. 12000 RPM/min, Serial no. 000011, 001, 001





## **B100F Technical Data:**

**Diameter:** 99 mm

**Length:** 295mm

**Weight :** 1,210grams

**Max. Thrust: 120N (27lbs)** at 125,000 RPM

**Min. Thrust: 5N (1.12bs)** at 39,000 RPM

**Fuel consumption at full power:** 385 ml/minute

**Exhaust gas temperature at full power:** 680°-740° Celsius

**Acceleration:** 1s-60,000 to 125,000

**Acceleration:** 2.8s-39,000 to 125,000 rpm

**Fuel :** Kerosene / Jet A 1 mixed with 5% Behotec or Turbine oil - Optional Diesel or Bio Diesel, depending on quality mixed with Turbine oil

**Built in Kero Burner and Temp probe**

**B100F Turbine: \$US 2,495**

## **B300F**

***Now delivering 320N and lower fuel consumption***

***with integrated Kero Burner and Temperature probe***

***Quality, Reliability, Service***

***All turbines Service Interval: 50 Hours, Warranty: 2 years***



## **B300F Technical Data:**

**Diameter:** 133 mm

**Length:** 390mm

**Weight :** 2,350grams

**Max. Thrust: 320N ( 72lbs )** at 108,000 RPM

**Fuel consumption at full power:** 980ml/minute

**Exhaust gas temperature at full power:** 740° Celsius

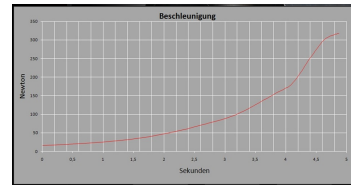
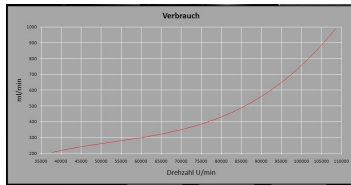
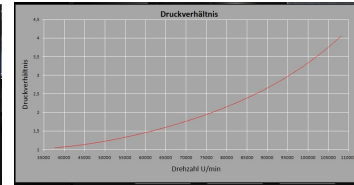
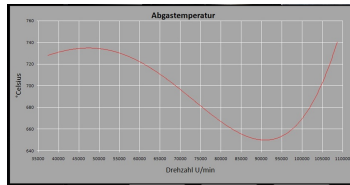
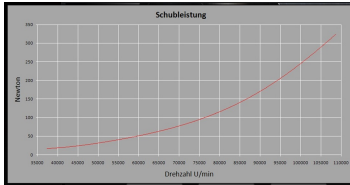
**Acceleration:** 4.6s min to full power



**Fuel :** Kerosene / Jet A 1 mixed with 5% Behotec or Turbine oil - Optional Diesel or Bio Diesel, depending on quality mixed with Turbine oil

**Built in Kero Burner and Temp probe**

**Behotec B300F: \$US 6,195**





## **Behotec JB180 Gold**

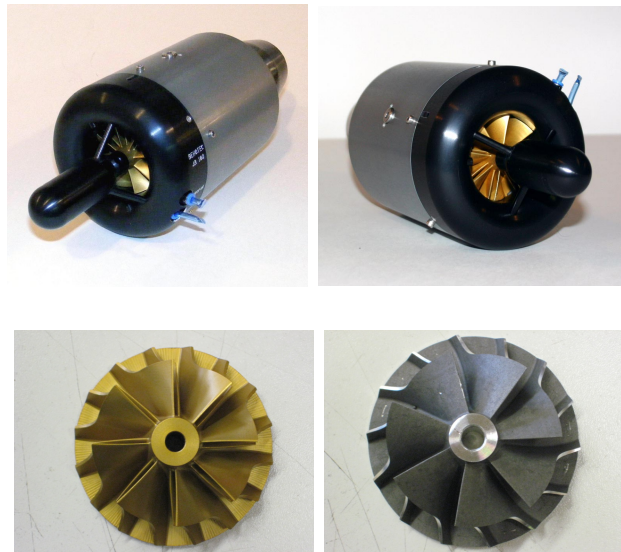
**192N/43.2lbs of thrust**

**Quality, Reliability, Service**

**All turbines Service Interval: 50 Hours, Warranty: 2 years**

**JB180 Gold with integrated Kero Burner and Temperature probe**

**Lightest and most powerful and economical turbine in its class**



**New 8 blade compressor wheel  
New ECU with new features  
Built-in Kero Igniter and Temp Probe  
Projet Hornet III manual**

**Diameter: 113mm**

**Length: 320mm**

**Weight: 1.58Kgs - 3.5Lbs**

**Max. thrust: 192N - 43.2Lbs**

**Min. thrust: 8N - 1.8Lbs**

**Fuel consumption@ max.thrust: 550ml/min**

**Exhaust gas temperature@ max.thrust: 680°C**

**Fuel: Jet A1, Kerosene, Diesel, (+5% turbine oil)**

**Acceleration: 35.000 – 123.000 rpm in less than 4s**

**Behotec JB180 Gold: \$US 3,895**



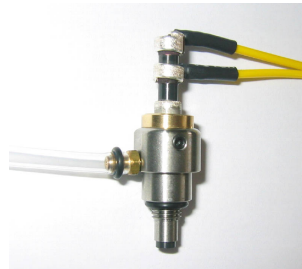
## **Behotec Turbine Accessories**

**Universal Fuel Pump Mount, clips on Behotec's pump, use tie wrap included for other pumps: \$US 7.95**

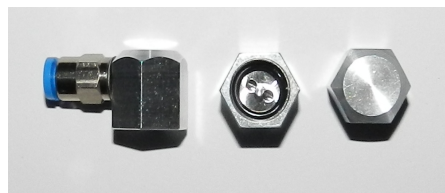


**Kerosine Start for all Behotec turbines - Designed in-house - extensively tested - very reliable**

**\$US 195 includes ECU upgrade, installation, and testing**



**Air/Propane tank valve 4mm: \$US 15**





**Autostart System - \$US 224**



Solid Aluminium metal casing designed to be used on the J55HP2, J66 HP, JB130, and JB165.

Operating Voltage 6 – 8.4 Volts

Max. RPM 30,000 RPM

Min. current 0.8 A

Max. Current 3.5A

Weight 115 g

P/N AS-2

**Kerosene Pump - Up to 100N - \$US 105**

**Kerosene Pump - Up to 180N - \$US 117**



Motor Type Speed 300

Voltage range 1.2 – 6.0 V

Max. operating current 5 A

Max. pressure 8.0 bar

Weight 92 g

Flow rate at 6V/6Bar 700 ml/min

**New Turbine clamps - Kerosene start compatible**



2 piece clamp for J66HP, JB130, JB165 model TH-1 - **\$US 40**

1 piece clamp for J66HP, JB130, JB165 model TH-2 - **\$US 35**

2 piece clamp for J55HP model TH-3 - **\$US 32**



**FOD**



Universal FOD

(all 66mm based turbines): \$US 19.95

Universal FOD

(all 54mm based turbines): \$US 18.95

**Turbine fuel or starting gas filter - \$US 14**



Part number FG1

**Behotec turbine tool - \$US 9**



Part number ZS1

**Rossi R8 glow plug - \$US 6.95**



Part number ZF2

**Starting gas tank w/o valve - \$US 9.50**



Part number AS1-13



**Starting gas tank valve - \$US 15**

Part number AS1-13-1

**Sensor board complete - \$US 74.95**



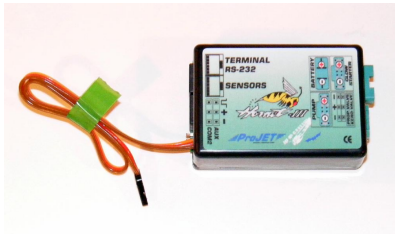
Part number AS1-6

**GSU for all Behotec engines - \$US 74.95**



Part number AS1-2

**ECU ProJet Hornet III- \$US 295.95**



**Fuel or Gas valve for all Turbines**



Fuel or Gas Valve - **\$US 74.95**

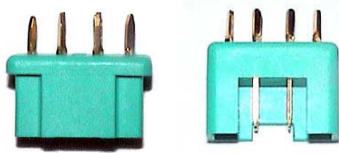
**ECU cable 50cm - \$US 14.95**



Part number AS1-8



**Battery /Charger connector - \$US 2.50**



**Data bus cable 50cm - \$US 5**



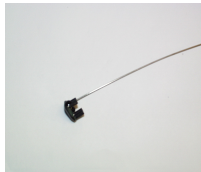
Part number AS1-B

**Data bus cable 100cm - \$US 10**



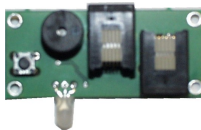
Part number AS1-C

**Temperature probe - \$US 32**



Part number AS1-5

**Data board - \$US 24.85**



Part number AS1-11



**Soda bottle fuel pick-up - \$US 9.80**



Part number TPA

**Felt Tank Clunk - \$US 7.75**



Part number TP2

**Behotec cap - \$US 11.95**



100% cotton

**Behotec 66 Miniature keychain - \$US 14.95**



Part number MT-1

**Behotec pin - \$US 1.95**





## The new Jets-Munt VT80 Turbine



### Electronics

-An all new ECU design with a state of the art, powerful processor, user friendly with easy setup and is built into the engine. **1 fuel line, 1 battery connection and the throttle connection is all you need**



-The new ECU checks engine parameters and processes 500 times a second for a smooth and precise control, fast startup and precise RPM control. RPM measurement resolution is now 10RPM and EGT is read with a precision of 0.5°C.



-The "black box" function stores the relevant parameters from the engine once each 0.5s, keeping the recorded data of the last 50 minutes of the engine run time, independently of the number of startup cycles

-Automatic battery detection: Supports 7.4V Lipo and 9.9V A123 batteries automatically

-Integrated sensors: The sensors are contained in the same board as the ECU reducing wiring connections and minimizing failure.

- **Internal temperature sensor**

- **Internal Kero Start system**

-Integrated valves: The **solenoid valves are part of the fuel system inside the engine**

-ECU, sensors, fuel igniter and valves can be replaced without full engine disassembly ensuring easy maintenance

-New fuel pump manufactured by Jets-Munt, the fuel pump include a ball bearing motor for long life and precise fuel control

- Small engine size and design that is focused on reliable and easy to operation delivering over 80N - 18lbs of thrust

- The VT80 has a low operating temperature for a long life and fast acceleration time, to ease the control of the plane in critical situations like a go-around.

- Standard service interval is recommended at 25h

- Includes engine , fuel pump, fuel filter, data terminal and mounting strap. These are all the necessary items to run the engine, less the battery and fuel tank





## Specifications

Guaranteed thrust in ISA conditions: 80N (18lb) at 150.000 RPM

Idle thrust: 4.5N (1lb)

Idle RPM: 45,000

Size: Diameter: 90.5mm (3.56") Length 217mm (8,5")

Engine weight: 950g (2.1lb) . Including integrated ecu and valves Installed weight: 1,075g (2,37lb) all included less battery.

Fuel: Kerosene + 4% oil (synthetic 2T motorcycle oil or turbine oil).

Fuel consumption at 80N: 220g/min

Starting mode: Direct Kerosene fast startup, typical 45s from start command to engine ready to take off.

**Price: \$US 1,895**

## The new Jets-Munt Merlin 100



## Highlights

After 3 years of production of our successful M90 engine, we have revisited the engine design and upgraded its performance through a in deep redesign that included a new rotor system, new bearings, new compressor and new combustion chamber. Power and reliability has been increased while the engine weight has been reduced.

## Specifications

Nominal thrust: 100N (22,5lb) at 152.000 RPM

Idle thrust: 6N

Idle RPM: 42,000

Diameter: 90mm (3.5")



Engine weight: 980g (2.16lb) (including mounting strap)

Installed weight: 1,150g (2,5lb) including ecu, pump, valves. 1,275g (2,8lb) including battery.

Fuel: Kerosene + 3% - 5% oil (synthetic 2T motorcycle oil or turbine oil).

Pressure ratio: 3.0 to 1

EGT type: 650°C

Fuel consumption: 360ml/min

Start mode: Direct Kerosene, internal igniter

**Price: \$US 2,395**

### **Jets-Munt Merlin 140**



#### **Engine Key features:**

New engine class, another revolutionary, all new design by JetsMunt. 140N (31lb) thrust from a smaller engine than currently available. Engine design optimized using CAD and CFD (Computational fluid dynamics) software that allows each part to be optimized for best performance

- CNC Machined custom compressor
- Low weight and size. 31lbs in a smaller size than a KJ66
- Bearing system that allows the use of 2T motorcycle oil
- Low acceleration time, low fuel consumption
- Low cost, but not low quality. Full in house manufacture. We are the



manufacturers of all the parts, including the electronics, so we get the parts at cost price. We are owners of the 100% of the design and technology

**Service:**

All the engines need service, either for maintenance or crash damage. We are setting up a worldwide network of service shops. Currently we have dealers and service in Spain, UK, Germany, USA, China, Japan, Italy, France, Norway, Australia and Middle East. Check our dealers section for a updated list and contact address

**Specifications:**

**Nominal thrust:** 140N (31,5lb) at 130.000 RPM

**Idle thrust:** 7N (1,5lb)

**Idle RPM:** 35,000

**Size:** Diameter: 102mm (4") Length 228mm (8,9")

**Engine weight:** 1,295g (2.8lb) . Including leads and mounting strap.

**Installed weight:** 1,500g (3,2lb) including ecu, pump, valves and tubes.

**Fuel:** Kerosene + 4% oil (synthetic 2T motorcycle oil or turbine oil).

**Fuel consumption at 140N:** 390g/min

**Starting mode:** Direct Kerosene, fast startup, typical 1 minute from start command to engine ready to take off

**Price: \$US 2,795**

**Jets-Munt Merlin 160**





### **Engine Key features:**

- Internal Kerostart
- Engine design optimized using CAD and CFD (Computational fluid dynamics) software that allows each part to be optimized for best performance
- CNC Machined custom compressor
- 170N at moderate rotor speed
- Low EGT due to high efficient design. Typically below 650°C
- Low rotor speed, longer bearing life
- Low weight and size. 37lbs in a KJ66/RAM750 size and weight
- New bearing system that allows the use of 2T motorcycle oil
- Very low acceleration time
- Low cost, but not low quality. We are the manufacturers of the parts, including the electronics, so we get the parts at cost price, and we are owners of the 100% of the design and technology. We don't pay fees to designers. All these savings are applied to the final price
- Winner of the Gas Turbines Builders Association annual efficiency competition. G.T.B.A. Staff measured 18,4Kg (40,5lb) at 120.000RPM at 8°C ambient temperature. (Engines sold are limited to 118.000 rpm)

### **Service:**

All the engines need service, either for maintenance or crash damage. We are setting up a worldwide network of service shops. Currently we have dealers and service in Spain, UK, USA, China, Japan, France, Norway, Australia . Check our dealers section for a updated list and contact address.

### **Specifications:**

**Nominal thrust:** Typ. 170N (38lb) at 118.000 RPM

**Idle thrust:** 7N (1.5lb)

**Idle RPM:** 32,000

**Diameter:** 111mm (4.3")



**Engine weight:** 1,870g (4lb) . Including leads and mounting strap.

**Installed weight:** 2,050g (4,5lb) including ecu, pump, valves and tubes.

**Fuel:** Kerosene + 4% oil (synthetic 2T motorcycle oil or turbine oil).

**Fuel consumption at 160N:** 440g/min

**Pressure ratio:** 3.1 to 1

**EGT max:** 650°C

**Massflow:** 380g/sec

**Price: \$US 3,195**



Fittings and mount

## ***3mm Fittings***



Festo 3mm Straight Connector: \$US 5.25



Festo 3mm T Connector: \$US 6.75



Festo 3mm cap: \$US 1.95



Festo 3mm Bulkhead Fitting: \$US 6.95



Festo 3mm Y Connector: \$US 6.25



Festo 3mm Elbow: \$US 5.25

**Festo Control Valves** - Perfect to regulate Brake lines, Propane lines, or even retraction speed of any retract system.

Great for use with the Behotec retract/brake valve



Festo 3mm Control Valve: \$US 26.25



Festo 3mm Bulkhead Connector: \$US 4.85



Festo 3mm Tubing (specify color): \$US 1.20/m

### **3mm Festo Tubing Tidy Strips (pack of 5)**



3mm Tidy Strips (pack of 5): \$US 5.00

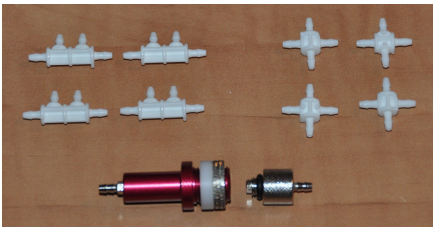


Air gauge with barb fitting 3mm: \$US 17.50

Air gauge with T barb fitting 3mm: \$US 19.95



Two complete Air Line Quick Connect set 3mm: \$US 7.95



4 way Air connector 3mm (4/pack): \$US 4.50

4 way Cross barb 3mm (4/pack): \$US 4.50

Air Fill Valve 3mm: \$US 17.95



## 4mm Fittings



Festo 4mm Cap: \$US 2.45



Festo 4mm Check Valve: \$US 9.95



Festo 4mm Elbow: \$US 5.25



Festo 4mm Straight Connector: \$US 5.25



Festo 4mm T Connector: \$US 6.75



Festo 4mm Y Connector: \$US 7.25

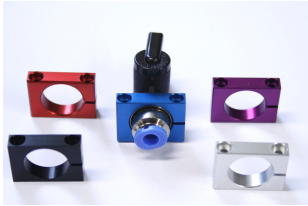


Festo 4mm - 3mm Reducer: \$US 5.50

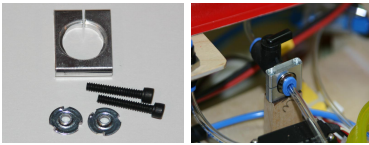


Festo 4mm Ball Valve: \$US 17.95

### Ball valve clamp (6mm or 4mm)



6mm/4mm Ball valve clamp (specify color): \$US 10.50



6mm/4mm Ball valve clamp: \$US 10.50



Festo 4mm Blanking Plug: \$US 1.95



Festo 4mm Bulkhead Connector: \$US 4.85



Festo 4mm Bulkhead Fitting: \$US 7.95

**4mm Bulkhead with Check valve** - Perfect for on-board Propane and Kersone fueling. No need to seal your fill line anymore. **Also great for filling your air system.**



4mm Bulkhead w/Check valve: \$US 16.95



Air/Propane tank valve 4mm: \$US 15



4 to 3 mm Quick connect adapter: \$US 4.75



Festo 4mm - 3mm connector: \$US 2.15



Festo 4mm Clear Tubing: \$US 1.40/m

### Plug and Socket - Great for fueling and overflow tanks



Festo 4mm in-line filter: \$US 7.85



Festo Pressure Gauge 4mm: \$US 29.95





## 6mm Fittings



Festo 6mm - 4mm Reducer: \$US 5.75



Festo 6mm Bulkhead Fitting: \$8.25



Festo 6mm Check Valve: \$US 11.75



Festo 6mm Straight Fitting: \$US 5.50



Festo 6mm T Connector: \$US 6.95



Festo 6mm Y Connector: \$US 7.95

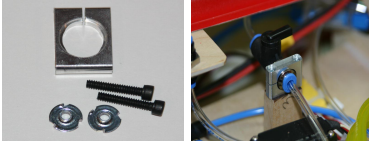


Festo 6mm Elbow: \$US 5.50



Festo 6mm Ball Valve: \$US 17.95

### Ball valve clamp (6mm or 4mm)



6mm/4mm Ball valve clamp: \$US 10.50



Festo 6mm Bulkhead Connector: \$US 5.85



Festo 6mm Blanking Plug: \$US 1.75



6 to 4mm Quick connect adapter: \$US 4.75

### Plug and Socket - Great for fueling and overflow tanks



Festo 6mm Plug and Socket (set): \$US 6.25



Festo 6mm Clear Tubing: \$US 1.95/m



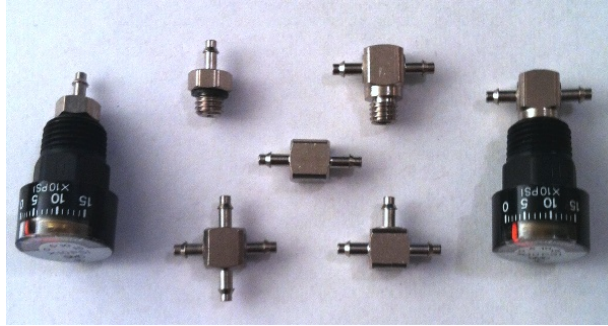
Festo 6mm in-line filter: \$US 7.85



**Tygon** Tubing in-line filter (fueling station): \$US 7.85



Festo Release Tool: \$US 6.50



**Our new series of air gauges fit 1/16" ID or 3mm Festo tubing**

**Available with single or T barb fitting**

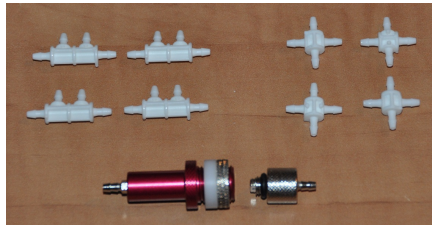
**Air gauge with barb fitting: \$US 17.95**

**Air gauge with T barb fitting: \$US 19.95**

**4 way barb connector: \$US 3.95**

**3 way (T) barb connector: \$US 2.75**

**Barb straight connector: \$US 1.50**



**4 way Air connector 3mm/1/16" ID (4/pack): \$US 4.50**

**4 way Cross barb 3mm/1/16" ID (4/pack): \$US 4.50**

**Air Fill Valve 3mm/1/16" ID: \$US 17.95**



## **Air/Electric Retract Systems**

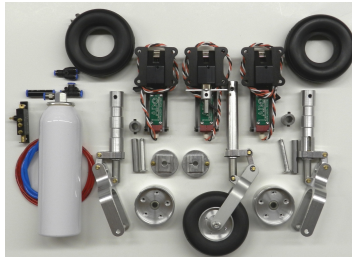
**We offer a wide variety of retract set including Electric Retracts for models up to 80lbs**

***We also customs make retract sets to fit your need***

**C-ARF / Skygate Viper heavy duty Electric Retracts**

**This is an all terrain solution, grass or hard surface, rough or smooth**

**NOTE: Currently air operated brakes are available until a low cost electric brake set will be available very soon**

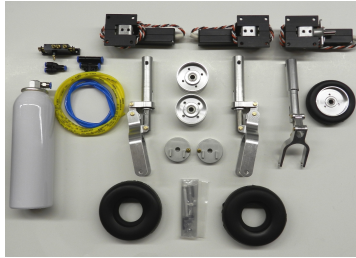


**LADO RS999 3 gear set set  
2 x NL169-V offset trailing link mains (left and right)  
1 x NL175L trailing link nose strut  
2 x 90mm Mains with brakes and 80 mm nose wheels with bearing equipped  
Aluminium rims  
C-ARF/Skygate Viper Heavy Duty Electric retract Set: \$US 1,195**

**Flash or Ultra Flash heavy duty Electric retract set**

**This is an all terrain solution, grass or hard surface, rough or smooth**

**NOTE: Currently air operated brakes are available until a low cost electric brake set will be available very soon**



**LADO 3 gear set set**  
**2 x NL150-VLG offset trailing link mains (left and right)**  
**1 x NLK141 trailing link nose strut**  
**2 x 80mm Mains with brakes and 63.5 mm nose wheels with bearing equipped Aluminium rims**  
**Flash/Ultra Flash Heavy Duty Electric retract Set: \$US 995**

### **Scorpion heavy duty Electric retract set**

**This is an all terrain solution, grass or hard surface, rough or smooth**

**NOTE: Currently air operated brakes are available until a low cost electric brake set will be available very soon**

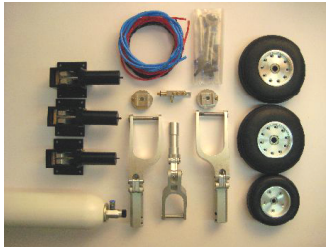


**LADO 3 gear set set**  
**2 x NL155L trailing link mains (left and right)**  
**1 x NLK175 trailing link nose strut**  
**2 x 80mm Mains with brakes and 63.5 mm nose wheels with bearing equipped Aluminium rims**  
**Scorpion Heavy Duty Electric retract Set: \$US 995**



## **Lightning or Ultra Lightning heavy duty retract set**

**This is an all terrain solution, grass or hard surface, rough or smooth**



- 1 x C50 Complete retract w/air support and valve**
- 1 x NL144 Nose Strut**
- 2 x NL170-VH Main Struts**
- 1 x C4-1 Aluminium rims with dual ball bearings**
- 2 x 110mm Main wheels**
- 1 x 83mm Nose Wheel**
- 1 x C5 Brake Set**

**Lightning/Ultra Lightning Heavy Duty retract Set: \$US 1,245**

## **Flash or Ultra Flash heavy duty retract set**

**This is an all terrain solution, grass or hard surface, rough or smooth**





The C36-2 retracts are air up/air down with a 90° retraction angle. The retract bodies are machined from a solid block F 50 specification; all aluminum parts are anodized to minimize wear. The retract units and struts are extremely strong but light.

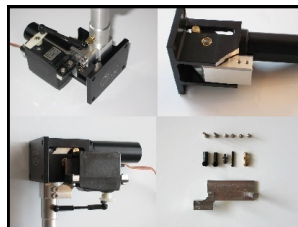
The set comes complete with the air support, retraction and brake valve, all necessary tubing and Festo fittings.

**The set includes the following:**

- C36-2 complete set**
- 2 x NL150-VLG offset trailing link mains (left and right)**
- 1 x NLK141 trailing link nose strut**
- 2 x 83mm Mains with brakes and 70mm nose wheels with bearing equipped Aluminium rims**
- Total set weight : around 780 grams**

**Flash/Ultra Flash Complete Heavy Duty retract Set: \$US 849**

**The C50B Retract set for models up to 45 lbs**  
**Firewall** mount for both **Mains** and **Nose**  
Nose and Mains with **90°** and optional **105°** retraction angles



C50 complete Firewall Mount retract set C50B 90°: \$US 395

C50 Mains 105° retraction option (each): \$US 15

**Nose retract units with optional Servo steering:**

C50 Nose 105° retraction option: \$US 15

C50B-SH - Servo steering adapter kit: \$US 45



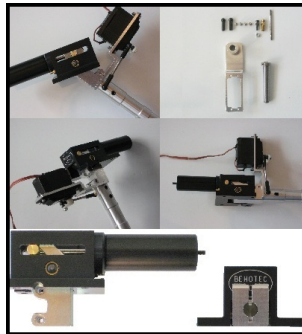
**Single retract unit prices:**

C50 single 90° unit Mains: \$US 105

C50 single 90° unit Nose: \$US 105

**New C50F Retract Low Profile set for models up to 55 lbs**

with a new forward retracting Nose unit  
with optional servo steering adapter kit



The C50-F was developed for models with very thin wing profile, e.g. (viper, Aeromachi etc.) it is an air up air down system.

The design is extremely robust and is intended for models up to **25 kg (55lbs)**.

The large piston, with 20 mm inside diameter, allows for the use of large struts.

The retract body is a 1 piece milled to ensure extreme strength and rigidity.

The adapter hole in the **trunion can accommodate 8,10,12.70mm adapter pins**

The struts lock in both up and down positions and offers a retraction angle of 90°.

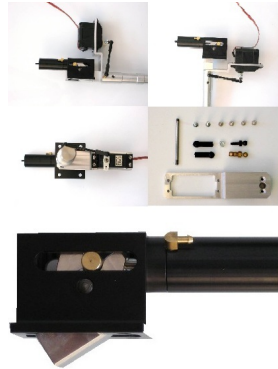
The nose gear trunion can also hold the **optional servo steering adapter kit**.

C50F retract set: \$US 485

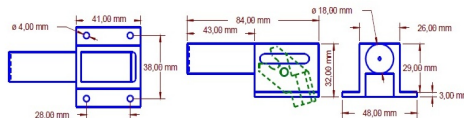
C50F-Servo Steering Adapter kit: \$US 50



## NEW C40 Air up/down Complete retract set for models up to 35 lbs



The C40 retract set is machined from high-strength aluminum (F 50) and is designed for models up to **16Kgs (35lbs)**. The retract body is a 1 piece milled to ensure extreme strength and rigidity. All retract units can be interchanged and used as Mains or Nose units. Standard retraction angle is 90° with optional 100° or 105°. The Trunion swivels in the opposite direction to the cylinder. It is also important to note that all our air up air down units can be used together in the same model should you wish to do so i.e. **you can combine the C36-2, C40, C50, C50B, C50F and C60 on the same air system.** The trunion is drilled for 6mm pins but 8mm is also possible.



C40 retract set: \$US 350

C40 Mains 100° retraction option (each): \$US 10

C40 Mains 105° retraction option (each): \$US 15

C40 Nose 100° retraction option: \$US 10

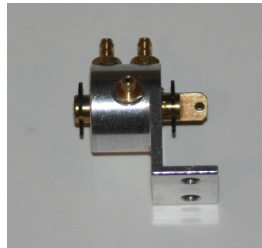
C40 Nose 105° retraction option: \$US 15

C40-E-90R - Servo steering adapter kit: \$US 45

C40 Retract unit: \$US 95



## C21 retract set - 1 oz each retract unit



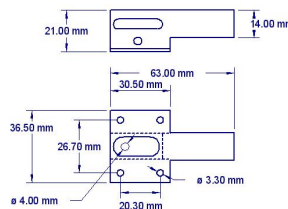
The C21 retracts are air up spring down units. Any pressure loss during flight will cause the struts to come down automatically.

The retraction angle is 90°. Unlike other manufacturers, our one part retract bodies with cylinder are machined from solid block (F50 specifications), and all aluminum parts are anodized to minimize wear.

This retract is extremely strong and very light. Set includes all necessary fittings as well as a retract / brake valve to eliminate the need for an extra servo. The C21 retract is compatible to the 602 Spring Air retract.

Set contents :

- 2 main retract units
- 1 nose retract unit
- Festo tubing, Festo quick links, Festo filler valve, and air bottle
- NEW 3 way actuating valve (brake operation)
- Connection diagram, photos & explanations
- Standard accessories kit



The retracts are 21mm (0.83") deep and 63mm (2.48") long

**C21 Retracts set price: \$US 210**



## C36/2 retract set

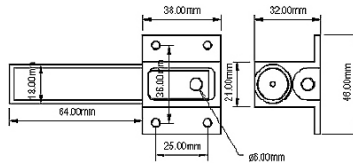


The Behotec **C36/2 Retract sets** designed for models weighing up to 12Kg (27Lbs). The C36/2 is air up/down. **The actuating valve is also able to operate wheel brakes without the need of a separate servo! ( 3rd output )**

The C36/2 sets consists of :

- 2 main retract units
- 1 nose retract with threaded steering pins ( flat mounted or front mounted )
- Festo tubing
- Festo connectors
- Festo filler valve
- Steering axel for nose strut is  $\varnothing 6\text{mm}$  hardened steel
- Air tank
- Detailed iinstallation instructions, diagrams and pictures
- Complete system : 295 grams

**C36/2 price: \$US 325**





## C50 retract set



The C50 retract set is designed for use in larger models, **up to 20 kilograms (45Lbs)**. It is a double action system ( air up- air down). Like all of our retracts, the main body is machined from a solid block. We use only the best available aircraft grade aluminium ( F 50 specification ) and all aluminium parts are anodized to minimise wear. The piston diameter is 20 mm and this allows it to lift up heavy struts. The connection between retract and strut is drilled for 8mm hardened steel rods. Retraction angles of 75°, 90° ( standard ) and 105° are possible. The retract bodies are available as standard in "flat mounted" or "front mounted" units. The 105° version is only available as a front mounted unit. **The actuating valve is also able to operate wheel brakes without the need of a separate servo ! ( 3rd output )**



### The C50 set consists of :

- 2 main retract units
- 1 nose retract unit , with threaded steering pins ( flat mounted or front mounted )
- Festo tubing
- Festo connectors
- Festo filler valve
- Steering axel for nose strut is Ø8mm hardened steel
- Air Tank
- Detailed iinstallation instructions, diagrams and pictures
- Weight of single retract : 165 grams
- Complete system : 580 grams
- **C50 price: \$US 395**

### Retract unit spare parts:

**C36 and C36/2 Trunion: \$US 19.95**

**C50 Trunion: \$US 39.95**



## *electric retract systems*



**Robust, accurate and compact design, aluminum 7075 machined using the latest in CNC machines**

**Highly accurate structure machined from a solid block, which gives great stability to the entire system, resulting in a smooth operation and without gaps**

**Spindle mounted between bearings for smoother operation, safe and durable**

**Realistic Operating speed, electronically controlled**

**Very simple installation**

**100% reliable and strong**



## The ER-40 set



The ER-40 is a standard size electric retract set, for models up to 17Kgs or 38Lbs.

All components are machined from solid block of aluminum 7075, and all parts are anodized.

Spindle mounted between bearings for smooth, safe and durable operation.

The ER-40 Set is a 3 set landing gear set comprising of 2 x Mains and 1 x Steerable nose. The ER-40 set fits our Behotec C36 and C50 struts. We have adapters for other struts as well

**ER-40 Complete 3 retract set with steering: \$US 495**



## The ER-50 Set

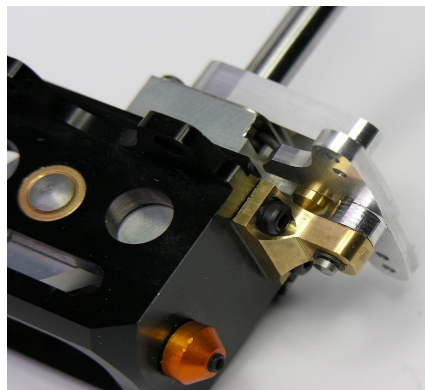


The ER-50 is a standard size electric retract set, for models up to 35Kgs or 77Lbs

All components are machined from solid block of aluminum 7075, and all parts are anodized

Spindle mounted between bearings for smooth, safe and durable operation

The ER-50 Set is a 3 set landing gear set comprising of 2 x Mains and 1 x Steerable nose. The ER-50 set fits all our Behotec C36 and C50 struts. We have adapters for other struts as well

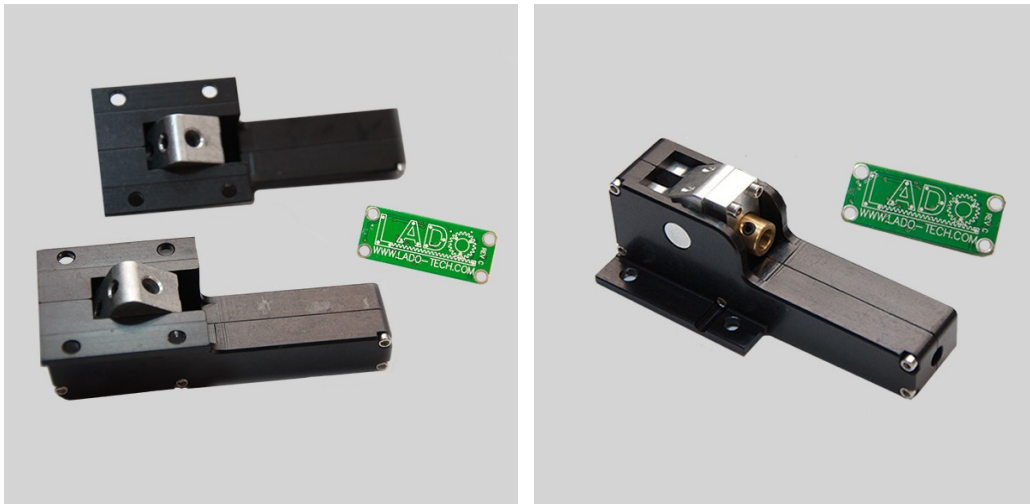


**ER-50 Complete 3 retract set with steering: \$US 595**



*electric retract solutions*

## *RS333 Series Electrical Retracts*



- The best electric retracts on the market
- Digital programming - For models up to 10Kgs or 22lbs
  - Metal Body using ball bearings for longer life
  - Fully programmable using the LADO programmer
  - No sequencers, no controllers, only 1 retract channel
- Pre-drilled for 6mm to take all the Behotec series of struts

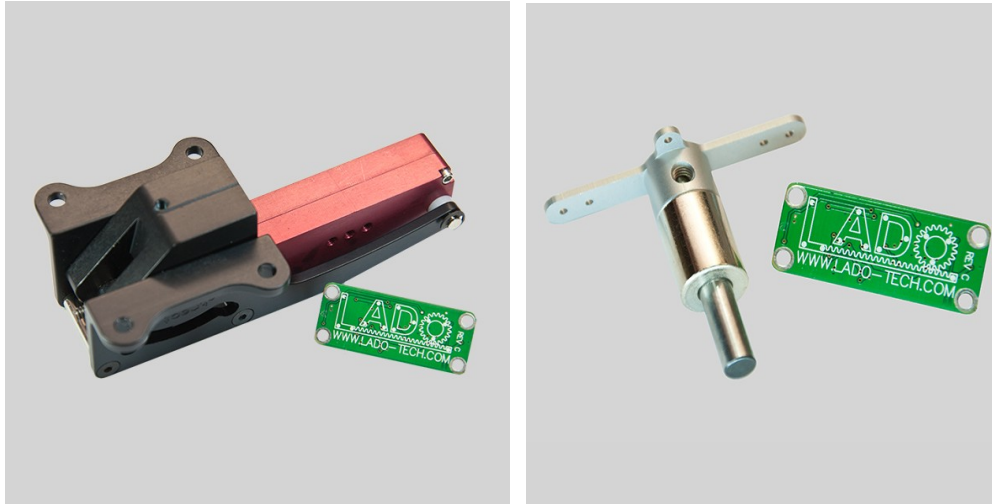




RS333 90° 2 Mains & 1 Nose set: \$US 395

Programming Card: \$US 59

## ***RS999 Series Electrical Retracts***



- The best electric retracts on the market
- Digital programming - For models up to 30Kgs or 66lbs
  - Metal Body using ball bearings for longer life
  - Fully programmable using the LADO programmer
  - No sequencers, no controllers, only 1 retract channel
- Pre-drilled for 1/2" to take all struts on the market as well as Behotec series of struts

RS999 90° single: \$US 195

RS999 Steering Tiller: \$US 19

Programming Card: \$US 59



The Lado electric Gear door actuators are the first gear door actuators designed for RC models



They can be used for Gear Doors, Air Brakes, Canopies or any similar application

Simple to install, use and program. No need for an end point set-up.  
As soon as the actuator reaches its extension limit it stops automatically. These actuators will also stop if they bind for some reason.

LADO systems are digital systems and can be programmed as follows:

- Open/Close with your retracts
- Doors close after retracts are deployed
- Delay open/Delay close up to 15s each
- Doors stay CLOSED during flight
- No sequencer, all delays adjusted internally
- One Rx channel operation

Actuator extends in 3s, 3mm pushrod end



The LADO programming card allows you to program normal or reverse retraction, delay for up and down independently for up to 15s, NO NEED for a sequencer, single channel use



Power: 4.8V to 7.5V

weight: 30g

Gear Door 20mm: \$US 62.50

Gear Door 30mm: \$US 62.50

High Torque Air Brake 20mm: \$US 67.50

High Torque Air Brake 30mm: \$US 67.50

**IMPORTANT: Do not use high torque for regular doors**

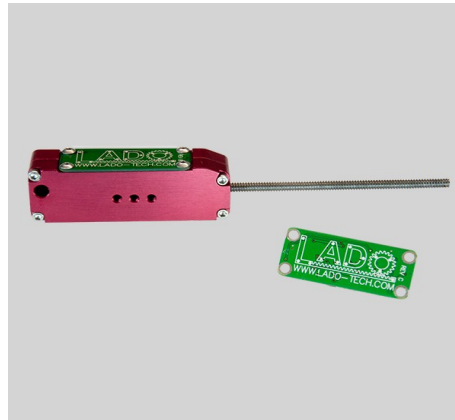
**The High torque is to be used on very large doors and Air Brakes/Canopies**

**High torque actuators will pull up to 2A compared to 0.5~0.7A for regular actuators**

Programming Card: \$US 59



## ***Electric Retract Upgrades***



***The motor***



***Behotec C36/C40/C50 Adapter Set***



***Jet 1A Adapter Set***



- The RS666 is a retract motor
  - Designed to replace the air actuator
  - Simply tap the trunion with a 6/32UNC
    - Plug in the RS666 in your receiver
    - Program it using the Programming Card
- Remove all air lines and valves from your model
  - You are done



RS666 Digital Actuator High Torque: \$US 129

Behotec C36-C36/2 adapter set: \$US 29.95

Behotec C40 adapter set: \$US 35.95

Behotec C50 adapter set: \$US 39.95

Jet 1A adapter Set: \$US 29.95

Programming Card: \$US 59



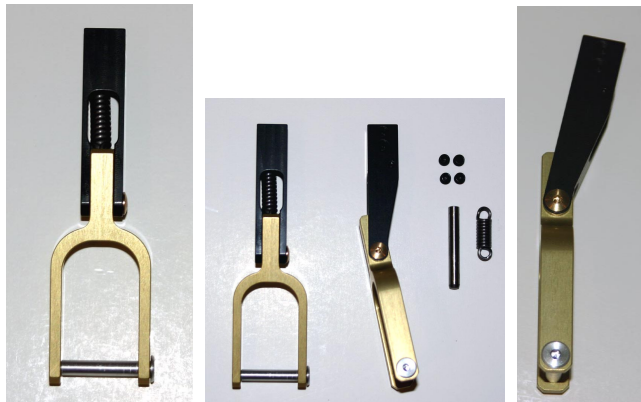
## Behotec Struts



## A solution for every application

### *C21 Trailing Link Struts*

*The same high quality you have come to expect from Behotec Struts with the availability of replacement components*



***C21 Trailing Link Strut 90mm \$US 45***

***C21 Trailing Link Strut 100mm \$US 48***

***C21 Trailing Link Strut 110mm \$US 50***



## **C21 Regular Struts**

Made from aircraft grade aluminium and stainless steel. The spring action is grease dampened and the struts are available in lengths from 80 to 120mm. The axle diameter is 4mm. Please refer to pricing below



**C21 80mm strut - \$US 29.95**

**C21 90/100mm strut - \$US 31.95**

**C21 110/120mm strut - \$US 33.95**

**C21 130/140mm strut - \$US 35.95**



## **C36 Offset Trailing Link Struts**



New Mains only offset trailing link struts designed to fit in the wing and suitable for all kinds of models. Maximum wheels size is **70mm or 2.75"**. These struts are manufactured from aircraft grade aluminum and stainless steel, the fork is machined from one block, not cast. The spring action is grease damped and the struts are available in 140, 150, 160 and 170mm length. These struts are can be used with the C36 and C36/2 and we provide adapters to fit all other manufacturers. Offset struts are available in Left and Right side. Please specify when ordering.

**Our trailing links use a compression spring and not a stretching mechanism hence ensuring a consistent smooth action throughout the life of the strut.**

**NL140-VL 140mm strut - \$US 87**

**NL150-VL 150mm strut - \$US 90**

**NL160-VL 160mm strut - \$US 93**

**NL170-VL 170mm strut - \$US 96**



## C36 Budget Struts

These struts are made from aircraft grade aluminium and stainless steel. The spring action is oil dampened and the struts are available in lengths from 3 7/16" ( 87mm) up to 6 7/32" (158mm). The strut diameter is 5/8" (15 mm) and the axle diameter 1/4" (6mm). Please refer to pricing below.



## C36 Trailing Struts

Trailing scale struts for models like the L39, Hawk and MB 339 allow a maximum wheel diameter of 3.5" (90mm). The struts are manufactured from aircraft grade anodized aluminium and stainless steel. The fork is machined from one block and not casted and the spring action is oil dampened. The struts are available in 5.7" (145mm) to 6.9" (175 mm) lengths, having a diameter of 5/8" (15 mm) and the fork inside width is 1 1/4" (32 mm). The axle has a diameter of 1/4" (6mm). Please refer to pricing below.





## ***C50 Offset Trailing Link Struts***



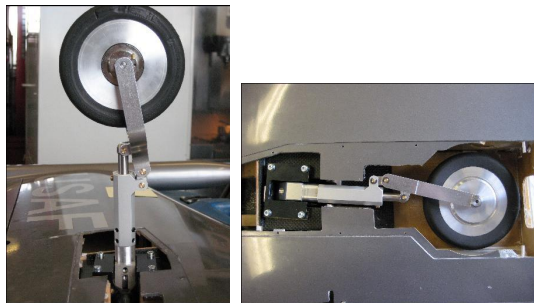
These offset trailing link struts are made from aircraft grade aluminium (anodized) and the fork is stainless steel, machined from one block. The spring action is grease dampened and available in lengths from 151mm (5.94") to 204mm(8"). Strut diameter is 18mm, fork width is 32mm, axle is 6mm, pick-up pin is 8mm, maximum wheel size is **90mm or 3.5"** and available in Left and Right side.

***These struts can be used with the C36 (with adapter) and C50 series of retracts.***

**Offset Trailing Link Strut 151mm - NL151-V - \$US 89.95**  
**Offset Trailing Link Strut 160mm - NL160-V - \$US 92.95**  
**Offset Trailing Link Strut 169mm - NL169-V - \$US 94.95**  
**Offset Trailing Link Strut 184mm - NL184-V - \$US 96.95**  
**Offset Trailing Link Strut 204mm - NL204-V - \$US 99.95**



Made from aircraft grade aluminium and stainless steel, the fork is machined from one block, not cast ! The spring action is grease damped and the strut is available in 170mm and 200 mm length. The fork is offset and aligned with the wheel axle. The 170mm length is especially made for the C-ARF Lightning and the C50 retracts. Offset struts are available in Left and Right side. Please specify when ordering.



**Our trailing links use a compression spring and not a stretching mechanism hence ensuring a consistent smooth action throughout the life of the strut.**

**NL170-VH-R 170mm strut - \$US 129**

**NL200-VH -R 200mm strut - \$US 145**

**Heavy Duty Budget Oleo Struts for C50**

These struts are made from aircraft grade aluminium and stainless steel. They are designed for models weighing up to 50 lbs. The spring



action is oil dampened and the struts are available in lengths from 4 7/32" (107mm) up to 7 3/32" (180mm). The strut diameter is just under 3/4" (18 mm) Please refer to pricing below.



### **Heavy Duty Scale Oleo Struts for Behotec C50**

Heavy duty oleo scale struts are manufactured from grade aluminium and stainless steel. Designed for models weighing up to 50lbs, they are very strong. The spring action is oil dampened and the struts are available in lengths from 4 7/32" (107mm) up to 7 3/32" (180mm). The strut diameter is just under 3/4" (18 mm). Please refer to pricing below.



### **Heavy Duty Trailing Scale Oleo Struts for Behotec C50**

Heavy duty scale trailing oleo struts for large models weighing up to 50lbs. Maximum wheel diameter is 3 1/2" (90mm). Manufactured from aircraft grade anodized aluminium and stainless steel, they can be used for main and nose gears. The struts are available in length from 5 5/8" (144mm) up to 8 1/2" (216 mm). The strut diameter is just under 3/4" (18mm) and the fork width is 1 1/4" (32mm). Please refer to pricing below.



**Strut adapters (pins and pockets) to fit all other brands of retracts available**

**Please visit our website for strut prices**

## **Behotec Wheels and Brakes**



Behotec Aluminium rims fit the full range of Behotec full rubber tyres. They are equipped with **two ball bearings each** (6mm axle). The disc brakes are more reliable than the common expanding tube brake systems, even at very low air pressure. The Disk Brakes can be ordered individually to work **on all Robart wheels** as well as any other wheels that have a flat inside surface of 37mm diameter or larger. All Behotec wheels are solid rubber.



**Our new wheel and brake offerings have changed to make it easier for you to choose. Click on the wheel set name to see a picture of the product.**

**Behotec** wheels & Brakes are now offered as a complete set for the mains which include light rubber tires. We also now offer a complete nose tire as well as a new slim nose tire available in 2.5" or 63.5mm size.

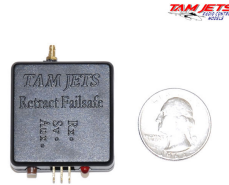


**Please visit our website for Wheel/Brake set prices**



## **Various Accessories**

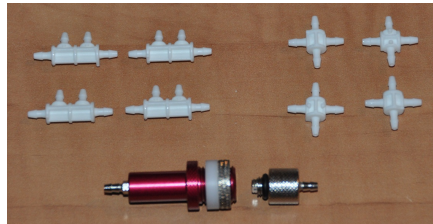
### **TAM Air Failsafe system**



TAM Air Failsafe System simply sits between your retract servo or electronic valve and your Rx. The air line feeds into the Failsafe system to detect any pressure drop and deploy your retracts. The pressure is very easily set. The Air Failsafe system provides you with that extra piece of mind when flying your favorite model.

Tam Air Failsafe System: \$US 109.95

### **Intairco Air Fittings and fill valve**



**4 way Air connector 3mm/1/16" ID (4/pack): \$US 4.50**

**4 way Cross barb 3mm/1/16" ID (4/pack): \$US 4.50**

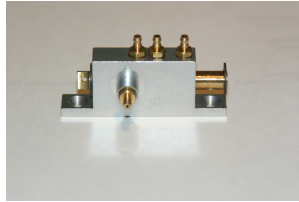
**Air Fill Valve 3mm/1/16" ID: \$US 17.95**



***Retract/Brake valve in one - Can be used on any system***

***One channel needed only to activate retracts and brakes***

***Holds pressure for weeks, no more leaks***

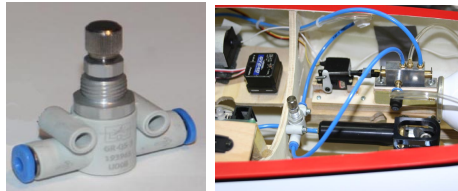


***Behotec retract/brake valve: \$US 45***


***You only need the ONE channel (not 2) to operate. Use ATV to limit the full movement of the slider then the dual rate function with a switch to activate the brakes.***

***This saves you one precious channel***


***We suggest a 3mm Festo Control valve to reduce brake air pressure for a better brake action and to avoid wheel lockups***



***Festo 3mm Control Valve: \$US 26.25***

Buy Now 

***Air up/spring down retract/brake valve: \$US 40***

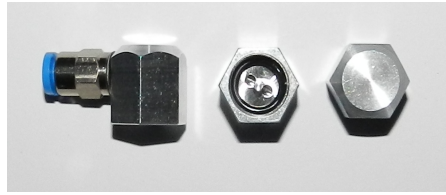
Buy Now 



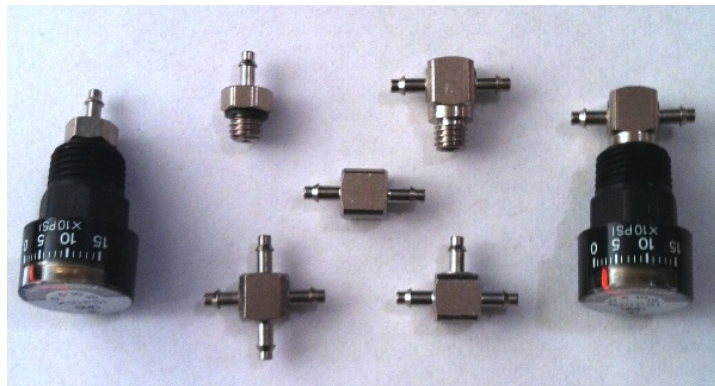
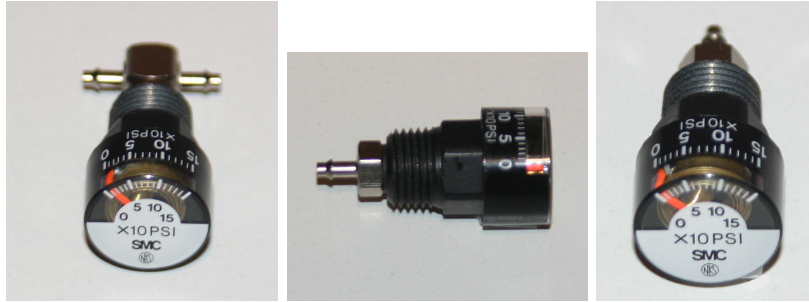
***Large air tank (60x220mm) - \$14.50***

***Medium air tank (50x175mm) - \$11.50***

***Small air tank (35x110mm) - \$US 9.50***



**Air/Propane tank valve 4mm: \$US 15**



**Our new series of air gauges fit 1/16" ID or 3mm Festo tubing**

**Available with single or T barb fitting**

**Air gauge with barb fitting: \$US 17.95**

**Air gauge with T barb fitting: \$US 19.95**

**4 way barb connector: \$US 3.95**

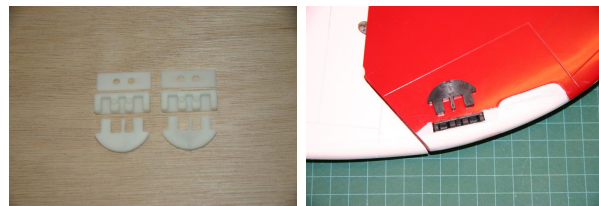
**3 way (T) barb connector: \$US 2.75**

**Barb straight connector: \$US 1.50**

**Glass Filled Nylon Control Horns**



**Control Horns (pack of 8): \$US 8**



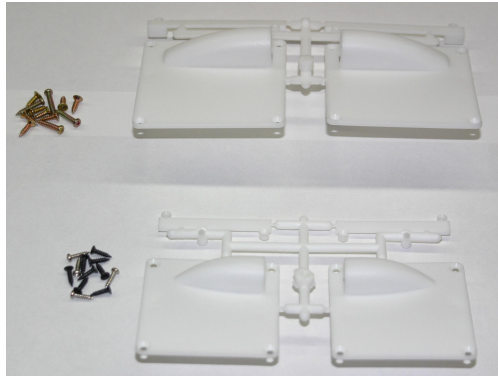
**Wing Skit Kit (Pair) \$US 8.95**

**Replacement Wing tips (4/pack) \$US 5.95**

**Skid replacement takes only a couple of seconds with no tools or glue**



**Universal Fuel Pump Mount - \$US 7.95**

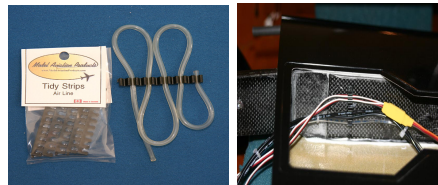


**Servo Tray/Bay covers (small 2"x2") \$US 3.50**

**Servo Tray/Bay covers (Large (2.5"x2.5")) \$US 4.00**

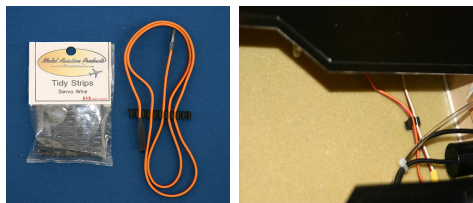


**Offset Door Hinges - Pack of 6 Hinges \$US 12.95**



**Tidy Strips for 3mm Festo Tubing or regular silicone air lines (pack of 5)**

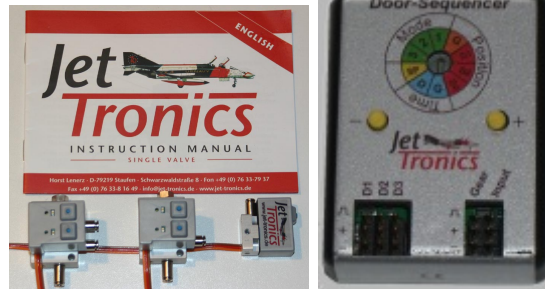
**3mm Tidy Strips (pack of 5): \$US 5.00**



**Servo wires Tidy Strips (pack of 5): \$US 5**



## Jet-Tronics air valve



JetTronics Dual Valve: \$US 127.95  
 JetTronics Proportional single valve: \$US 82.95  
 JetTronics Gear/Door Sequencer: \$US 79.95

### Tubing T Pieces - Pack of 4



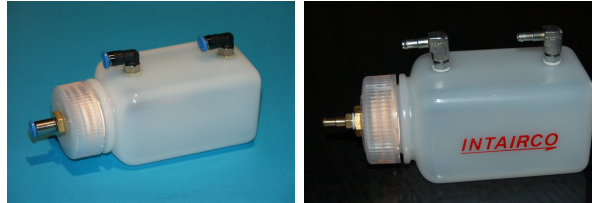
IAC-116-P	1/6" Tubing, Purple, per Meter	\$2
IAC-116-L	1/6" Tubing, Light Blue, per Meter	\$2
IAC-116-R	1/6" Tubing, Red, per Meter	\$2
IAC-116-Y	1/6" Tubing, Yellow, per Meter	\$2
IAC-116-C	1/6" Tubing, Clear, per Meter	\$2
IAC-216-T	1/16" Nylon T pieces, pack of 4	\$3



## **FUEL ACCESSORIES**

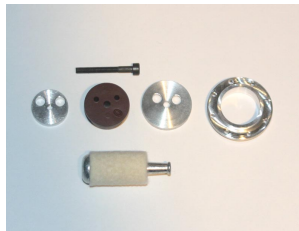
### **TURBINE AIR TRAP**

**Air Trap Tank 175ml with Festo Quick Connect**



Air trap 4mm Quick Connect: \$US 44.95

***Do you like to make your own fuel cell? Do you want to upgrade your current fuel cell? We are pleased to offer our Professional Fuel Cell Kit. Made from Aluminium and Kerosene/gas compatible stopper, this kit will ensure a leak free long lasting fuel cell.***



***Professional Fuel Cell Kit - \$US 24.95***

***Also available, Fuel Stopper Insert***



***Fuel Stopper Insert - US 5 each***

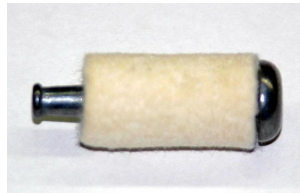


***Fuel stopper + 2 aluminium ends***



***Fuel stopper + 2 aluminium ends - \$US 14.95***

***Felt Tank Clunk***



***Felt Tank Clunk - \$US 9.00***

***Brass Clunk for Tygon tubing***



***Brass Clunk - \$US 9.00***

***Soda bottle fuel pick-up***



***Soda bottle fuel pick-up - \$US 12***



## LOCTITE® Hysol® epoxy

### LOCTITE® Hysol® 9462



#### Hysol 9462 cartridge - \$US 15.95 each

A toughened, two component epoxy adhesive formulated for a good balance of shear and peel properties in an easy to use, smooth paste. Its medium viscosity, 1:1 ratio and non-sag features make it easy to apply.

Recommend Substrates: metals, plastics and wood.

Features:

Excellent Strength

Impact Resistant

Non-Sag

Room Temperature or Heat Cure

1:1 Mix Ratio - 50ml Cartridge

Neutral Color

### LOCTITE® Hysol® E-00NS



#### Hysol E-00NS cartridge - \$US 13.95 each

Fast setting, non sagging, thixotropic, industrial grade epoxy adhesive

Two component - 50ml cartridge - **5 minute work life**

Cures at room temperature to form a translucent, rigid, machineable bondline

Acts as an excellent electrical insulator

Suitable for bonding plastic, metal, glass, wood, ceramic, rubber and masonry materials



**LOCTITE Long nozzles (10) - \$US 12.95**

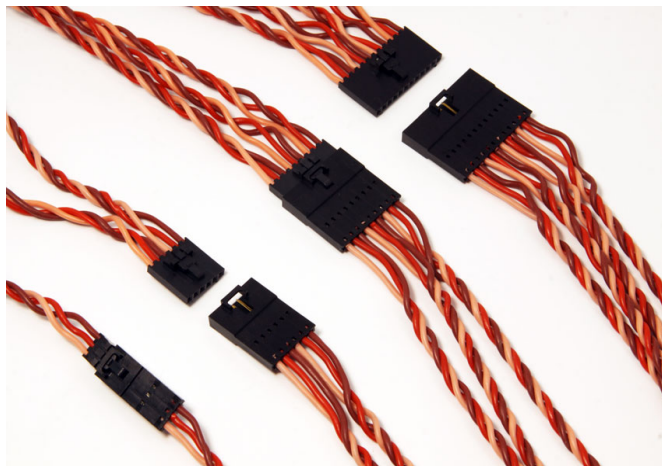


**LOCTITE Short nozzles (10) - \$US 12.95**



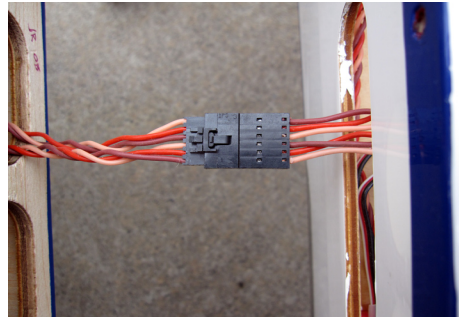
**Hysol 9462 kit - \$US 84.95**

## ***TBOLT Ready Made Multi-Servo Harness***



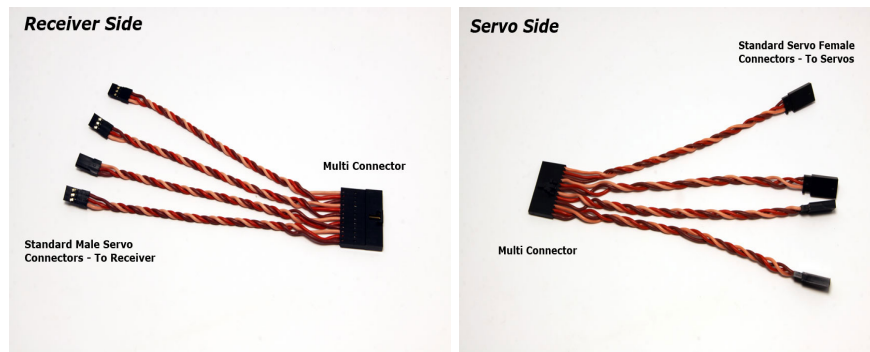
**We've done the hard work for you!! No CRIMPING, No SOLDERING! - Uses a Keyed, Positive Locking connector to join your wing to your fuselage!! One connector - Multiple Servos!!!**

**These Multi Servo Wire Harnesses feature a pre-assembled Ashlok connector based Wire Harness that works with most standard servos. Connect you servo(s) to the Male end of the Harness end and connect your receiver to the Female end of the Harness. Use Standard Servo Extensions to obtain the length you require**



**Available in 6" and 12" as well as 1, 2, 3 and 4 servo harness**

**Note: each side is 6" or 12" for a total length of 12" or 24"**



**TBOLT Multi-Servo Harness (1 Servo - 6" Extensions): \$US 7.80**

**TBOLT Multi-Servo Harness (1 Servo - 12" Extensions): \$US 8.89**



**TBOLT Multi-Servo Harness (2 Servo - 6" Extensions): \$US 12.85**

**TBOLT Multi-Servo Harness (2 Servo - 12" Extensions): \$US 13.85**



**TBOLT Multi-Servo Harness (3 Servo - 6" Extensions): \$US 18.85**

**TBOLT Multi-Servo Harness (3 Servo - 12" Extensions): \$US 19.45**



**TBOLT Multi-Servo Harness (4 Servo - 6" Extensions): \$US 24.65**

**TBOLT Multi-Servo Harness (4 Servo - 12" Extensions): \$US 25.95**



## **Heavy Duty Silicone Wire Servo Extensions**



**These servo extensions are constructed with 22AWG Heavy Duty Silicone Wire, and designed especially for Jets and Giant Scale R/C models. Available in sizes from 3" to 42"**

- Heat Resistant, pliable silicone wire insulation
- Heavy Duty 22 AWG wire for high current loads
  - High Quality Gold Plated Connector Pins
- Twisted wire that reduces EMI (Electro-Magnetic Interference)
- Universal Connector scheme (Fut-J connector, JR, /Hitec )



**3" Heavy Duty Servo Extension: \$US 2.50**



**6" Heavy Duty Servo Extension: \$US 3.00**



**12" Heavy Duty Servo Extension: \$US 3.50**



**18" Heavy Duty Servo Extension: \$US 4.00**



**24" Heavy Duty Servo Extension: \$US 4.50**



**36" Heavy Duty Servo Extension: \$US 5.00**



**42" Heavy Duty Servo Extension: \$US 6.00**



**12" Heavy Duty Servo Y (6" each side): \$ 6.00**

## ***A123 2 cell LiFe Rx Batteries***



***These are 2 Cell packs based on the ANR26650M1 cells manufactured by A123***

***These packs feature the following:***

- Rated at 6.6volts**
- Capacity: 2300Mah**
- Discharge Rate: 30C Nominal, 60C MAX**
- Heavy duty Silicone wire Main leads with a Deans Connector**
- Balance leads with JST connector**

***These packs work very well as receiver packs***

**A123 2 cell 2,300mAh Rx Battery: \$US 37.95**

**A123 2 cell 1,100mAh Rx Battery: \$US 27.95**



### **Heavy Duty Silicone Wire Adapter (6") JR Male - Deans Male**

**This adapter allows you to connect a Female Deans plug (commonly found on most Lithium based batteries) to a Standard Female Servo Connector/Socket (commonly found on most switches/receivers, etc.)**

**This can also be used as an adapter on your charger to connect a standard servo connector to Deans connector**

**This adapter is constructed with 22AWG Heavy Duty Silicone Wire, and is designed especially for Giant Scale R/C aircraft. These extensions feature the following:**

- Heavy Duty 22 AWG wire for high current loads**
- High Quality Gold Plated Connector Pins**
- Twisted wire that reduces EMI (Electro-Magnetic Interference)**

**Heavy Duty Silicone Adapter - JR Male to Deans Male: \$US 6.95**



## PowerBox BaseLog Dual Battery Regulator



### Features:

- Dual regulated output voltage
- User-selectable output voltage of 5.9 V or 7.4 V, software-variable using the SensorSwitch
- Informative graphic OLED screen with a resolution of 128 x 64 pixels
- Facility for connecting MPX and Spektrum downlink bus systems
- Direct transmission of both batteries' voltage and capacity to the transmitter
  - Voltage display for each battery
  - Residual capacity display for both batteries
  - Minimum value memory for both batteries
- Large heat-sink area for high regulator performance
- Supports all currently used battery types: LiPo, NiMH / NiCd, LiFePo
- Suppression of possible servo feedback currents
- Various patch-leads (MPX / JR / Futaba, MPX / MPX) available, allowing the use of all receiver types



## **Specifications:**

Operating voltage: 4.0 Volt to 9.0 Volt

Power supply:

2 x 2-cell LiPo battery, 7.4 Volt,  
2 x 5-cell NiCd or NiMH batteries,  
2 x 2-cell LiFePo battery (A123)

Current drain:

Switched on: approx. 85 mA

Switched off: approx. 10  $\mu$ A

Dropout voltage: approx. 0.25 V

Max. receiver and 2 x 10 A (stabilized), according to cooling  
measures

Servo / receiver current:

Peak 2 x 20 A

OLED screen resolution: 128x64 pixels

Bus systems: Spektrum, Multiplex

Temperature range: -30°C to +75°C

Dimensions:

93 x 67 x 19 mm (incl. base plate)

Weight: 88 g

SensorSwitch: 15 g

EMV approval: EN 55014-1:2006

CE approval: 2004/108/EG

Registered design: DE 203 13 420.6

BaseLog w/patch wires MPX/JR/Futaba: \$US 195



## ***AltecCare - PowerBox Complete Smoke set***



### ***Designed for Jets and Gas/Glow models***

This is the world's most successful smoke pump over the past 3 years

Motor and electronics are protected in a robust, sealed case

Pump and electronics developed in-house by PowerBox Systems

Extremely durable, effectively sealed metal geared pump

Variable flow capacity, adjustable from 0% to 100%

Maximum pumping rate of 750 ml / min. designed for Jets

NO additional accessories or valves required

Plugs directly into your Rx and takes power from your Rx battery



Checkout the video

Set includes everything you need:

- 2 patch-leads for power supply and pump control
  - Y connector for dual nozzle
- Heat-resistant, fabric-sheathed rubber hose and Tygon tubing
  - 1 x Injector (advise if short or long needed)

**Complete Smoke Set: \$US 199.95**

***Please visit our website for the latest pricing and specifications. Prices subject to change without notice.***