

Exclusive product by BREDA RACING / CASELINER official worldwide partner.

## Top Series Evo Carbon / Fuel Rig (vers. 2016.0)

This Top series equipment is though for championships that need high performances. In more than 5 years collaborating with top teams, we developed and optimized it and now this new version has some substantial differences from precedents: New colour touch screen 9" and new electronic components of last generation which allow a management very easy with a very high performance of 30-32 l/minute, lithium battery with 3 working hours without recharge and a max tolerance 0,015%. It also includes two electro valves and the speed regulation in the last Kg, that strongly helps the precision and dosing, now in two capacities (see technical brochure attached).

The newest evolution substitutes the AL panels, easy damageable, for the Carbon fibber cover and includes the printer in the standard configuration.

The **SMALL** unit you ask (130L) has a price list 11.975 EUR. The **BIG** unit (200l) has a list price of 12.200 EUR.

All the optional are the same for both models. The AC power from 110V to 230V is already included.

Please note that Top version standard configuration includes special stain proof fuel synthetic paint at the customer colour choice (RAL number), the Lithium Battery, the Carbon fibber cover and the Thermo Printer . Compared with precedent versions, this configuration already includes the options needed to operate at best. Indeed, there is the possibility to take some interesting optional as wi-fi, coat or thermo covers... Please be sure that at the moment this equipment is the best and with higher performances in the middle-high range market, even more than precedent versions.

### Optional extra costs:

- **Drum adapter:** 150 EUR (ca.)
- **Recirculation fuel tank valve.** It is possible to include a hole to attach hoses. For this it is necessary to preview a Staubli male /12 valve (to quote separately or to fit by the customer).
- **Plexiglass touch protection:** 125 EUR (ca.)
- **Wi-fi:** 250 EUR This option allows to work saving data in PC.
- **Special hoses:** would be in G-Line 710/12 l (in standard version are previewed not in that quality but in normal quality type Goodgride 210 but with time become not enough flexible for a good work and we suggest to change the kit after 1,5 years max.). External Measures 2,30m. Costs 800 EUR (ca.)
- **Staubli valves:** are always quoted separately. If you need to include them, please confirm what valves you will need and quotation would be confirmed at the moment of the order (at our cost). Please remember that a part of Staubli for hoses, are needed 2 Staubli male /12 for external filter and tank valve as indicated before, to quote separately or to be fit by the customer.
- **External Filter:** For technical choice of the customer, the filter can be external. 150 EUR (ca.) Staubli valve needed (excluded, to quote separately if requested)
- **Pump for Fuel E20 or E85:** For these kind of fuels is suggested a pump specially prepared. 150 EUR (ca.) (the cost is the difference between the standard pump and the model for these fuel kinds). If the change is to do after the equipment is built, the cost is 300 EUR (ca.). If the equipment has to be used in the US we carefully suggest this pump.
- **Cover carbon painted transparent.** It is necessary a higher quality carbon . 150 EUR (ca.).
- **Coat cover** (usually black colour) 300 EUR (ca.).

- **Thermo cover** (with thermo coat tissue internal and black external tissue) Useful for high temperatures. 475 EUR (ca.).
- **Flight Case.** CASELINER custom product on demand.

### **Conditions:**

Delivery time: Usual delivery time is around 4-6 weeks from the order confirmation.

Price unit EXWORKS, taxes and transport excluded.

Packaging: Usually in pallet + reinforced carton box without cost for the customer.

Transport: As usual we can delivery the equipment to you or directly to the customer address . If the equipment has to be delivered in Europe, we can organize the transport with our confidence forwarder and quote it.

Payment: 100% advanced payment at order confirmation.

Payments by bank transfer in Euro are required.



## **TECHNICAL SCHEDULE**

**Material:** Aluminium Alloy 7075 structure. Carbon fibber cover with easy open front panel

**Dimensions:** L 980 x W 640 x H900 mm (200lit) or new model L 745m x W 640 x H900 mm (130lit)

**Capacity:** 200 litres or 130lit, with fuel level sensor to stop automatically the pump in case of arrival to the maximum level. Breather valve included.

**Pump:** Standard conf: GPI 12v - Flow 32lit/min (with /12) . Optional Special Fuel E20/E85 \* (extra cost to quote)

**Electro Valves:** Parker 12v.

**External or Internal Fuel Filter:** 30  $\mu$ m/150lit, with water/fuel separator and block of the equipment in case of arrival to the maximum level of water. If external, a Staubli valve more is needed

**Hoses:** Goodridge 210-12 external long 2,3m Optional by request: Special Goodridge 910 series G Line -12, external long 2,3m

**Staubli valves:** Can be included by request (confirmation of Dash is needed also if the customer provides himself). Can be included a fuel recirculation valve in the tank

**Wi-fi:** Can be included by request

**Touch Screen:** Colour 9" Protection IP67 . From Touch screen all operation can be done.

**Weight Eq.:** 115kg with batteries.

**Power:** 12vdc

**Battery:** 1 batt. Lithium 65 A/h which allows 3 working hours without recharge. Batteries admitted for air transports.

**Batt. charger:** External. Charge 10 A/h with automatic recharge cycle.

**Load cells:** Stainless steel high precision load cells

**Precision:** Repeatable accuracy of 10g

**Switch:** ON/OFF with key, Emergency and function switch for new FIA regulations ATEX certificated.

**Protection:** IP65

**Printer:** Thermal mod POS included

**Software:** There is the possibility to include some modifications, depending on your team needs \* (extra cost to quote depending on the special needs)

**Colour:** Internal structure powder painted, grey colour. External, at customer choice RAL Number (If paint transparent, high quality carbon is needed, extra quote)

**Coat cover:** Technical coat cover (usually black colour) or Thermo coat cover (external black, only thermo internal) can be included by request.

**Flight case:** CASELINER product on demand.