

# FL-200 Lite



**VORT**  
VORTKART



30Cr-Mo  
Steel



Gas Power



1.2m+



Honda GX 200  
Lifan 170



The FR-200 Lite model has been designed for venue operators seeking low budget and high cost performance. Thanks to its lighter weight (120kg), fitted with a series of safety configurations, it is an ideal model for commercial use.

In addition, its lighter weight sees a reduction in fuel consumption, simplifies the maintenance of the go-kart, reduces the running costs and leads to increased tyre life. A simplified general management makes for better ease of operation for mechanical repairs, with a longer parts lifespan.

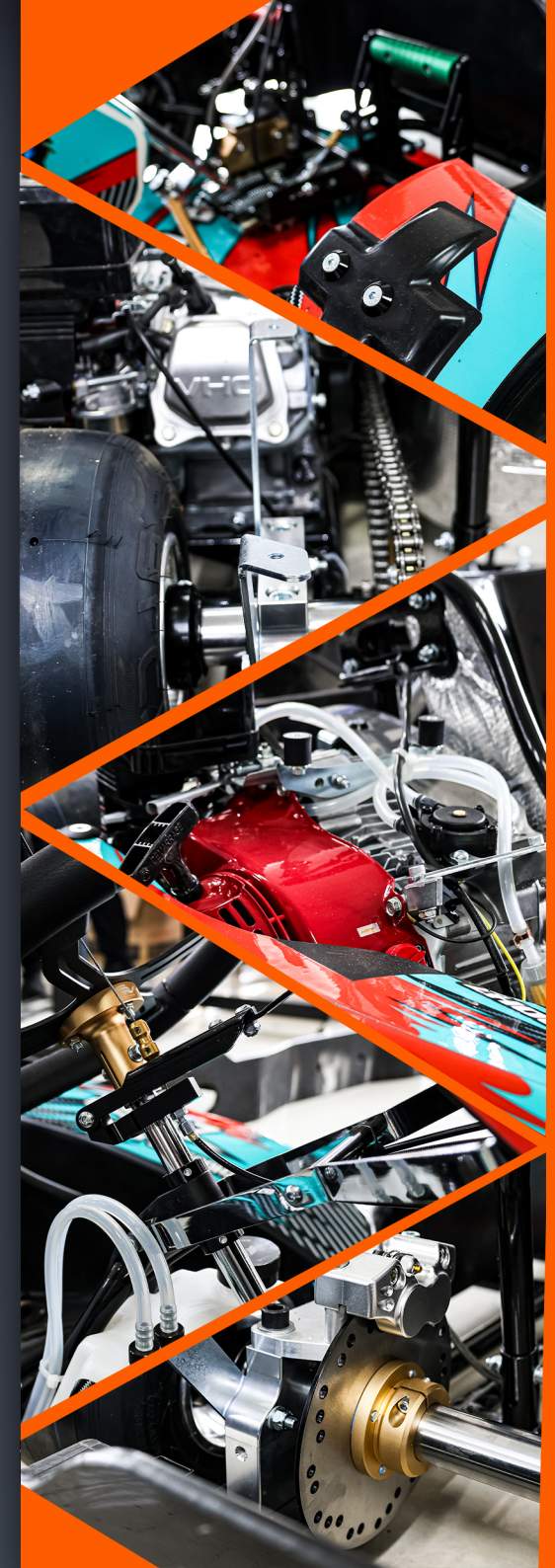
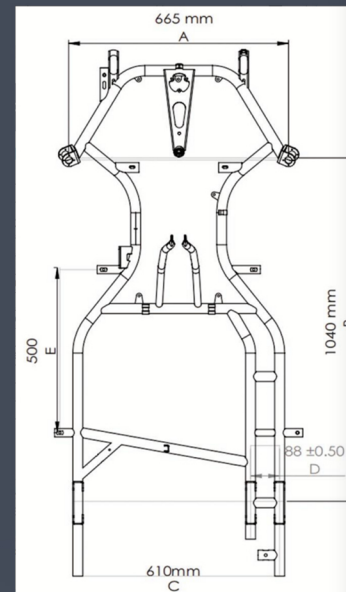
The go-kart is also easy to drive thanks to an adjustable and anatomical positioning of the pedals and it replicates the feel of real kart racing through improved performance and more lateral grip in corners.

Thanks to its features, the ZK Eco model is suitable rental kart to use on both outdoor or indoor tracks.

The FR-200 Lite kart is suitable for individuals with a height of 1.2 meters or above.

## TECHNICAL SPECIFICATION

Weight	120 kg	Tank Capacity	7L
Tubes Diameter	40mm	Steering Wheel Diameter	320
Wheel Base	1040mm	Wheel	130mm & 212mm
Rear Width	1200mm	Tyres	Anluchi/Gs
Length	1850mm	Back Cover	Fixed
Axle	40x5	Seat	Reinforce Plastic
Braking System	Hydraulic Ventilated Brake System	Pedal	Adjustable System (130mm)
Brake Position	Rear		





1. Made from Ø 30x2 mm chrome molybdenum, with additional strengthening at key points. The design is derived from experience gained in racing, to produce a real thrill effect when driving.
2. The bodywork is made from memory system plastic, designed specifically to withstand and absorb impacts of over 10G. There are six practical handles for lifting the vehicle: two within the front bodywork and four at the rear.
3. All the fenders are attached to the chassis by means of rubber inserts to isolate them from the chassis structure, thus ensuring increased safety on impact.
4. The plastic rubbing strips protect the extremities of the chassis, connecting all the bodywork elements, so as to absorb impacts and limit damage to the chassis, wheels and the kart's mechanical parts.
5. The seat is plastic, mounted to the steel frame with 4-point safety belt
6. Adjustable manually by means of a cable from a lever under steering wheel, which can be operated by the driver, with a range of movement of 130 mm.
7. Calliper with two Ø 38 mm pistons with road-car derived pads for longer life. Aeronautical standard nylon brake lines, covered in stainless steel weave to withstand over 1000 bar pressure. Hydraulic brake system with steel Ø 180 mm x 17 mm brake disc, fitted to a fully machined aluminium calliper.
8. Spindles with cast stainless steel body, with pressed lever and removable wheel axle by means of a fixing bolt. Steering tie rods made from high grade alloy steel material with aluminium bushes to fix uniball. Eccentric adjuster allow driver to choose the most suitable setup, according to use (indoor track, outdoor track, short, quick, mixed...). Each front wheel is mounted on four bearings to reduce axle loads as much as possible. Angled steering wheel support in pressed aluminium. 320 mm aluminum and plastic steering wheel.
9. The Kart has a 7 litre fuel tank with CNC aluminum-magnesium alloy tank cap.
10. Axle made of molybdenum chrome steel with Ø 40 mm x 5 mm thickness.
11. The karts can be fitted with exhaust silencers tailor-made for the Honda GX 200 engines and are designed to increase performance and reduce both CO2 emissions and noise.
12. Designed specifically to adjust the position of the pedals, according to the height of the driver. By operating the lever, the pedals disengage so they can be set at the ideal driving position.
13. Ergonomic headrest with rubber padding, complete with safety straps attached to two mounting points.

