

FR-125 KZ

For KZ-class



VORT
VORTKART



30Cr-Mo
Steel



Gas Power



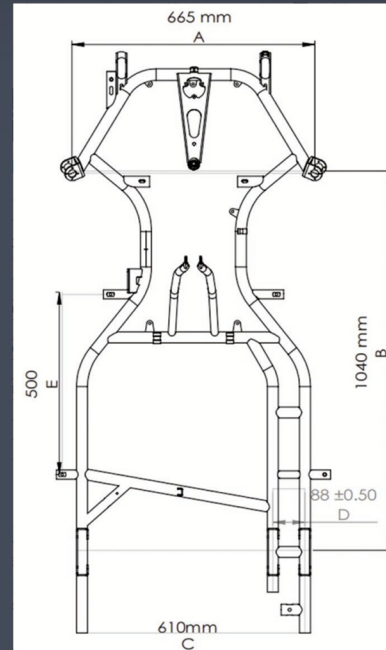
1.6m+



ROK SHIFTER
IAME SCREAMER
TM KZ-R2

CHASSIS INCLUDE

30 mm Chrome Moly Tubes	Stainless Steel Shifter & Clutch Lever
1045 mm Wheelbase	Semi-carbon Fiber Seat
50 mm Rear Axle	130 mm Magnesium Wheel Rims
25 mm Stub Axles	210 mm Magnesium Wheel Rims
Ibox9 Hydraulic Braking System (180x16 mm Rear Brake Disc)	Front Torsion Bar & Clamps
Hydraulic Front Brake System (150x12 Front Brake Disc)	CNC Aluminium Pedals
Oil Seal Bearings Ø 50	B11 Bodywork
Magnesium Sprocket Carrier	B9 Rear Bumper
MG Front Wheel Hubs Ø 30	Magnesium Steering Wheel/inclined Hub
MG Rear Wheel Hubs Ø 50	Adjustable Footrests
	7 Litre ZY Fuel Tank
	S11 Kart Sticker Kit



FEATURE

1. FR-125 KZ chassis is designed and manufactured according to shifter categories standards, using 30mm chrome-molybdenum steel tubes, offering high strength and resistance to deformation.
2. Utilizes automated TIG welding technology to minimize manual errors, enhancing welding precision and quality.
3. The frame undergoes primary heat treatment, significantly reducing material stress and preventing chassis deformation.
4. In the shifter category, the braking system plays a decisive role in performance. The Ibox 9 braking system (an upgraded version of the Ibox 8) is adopted for this model. This solutions provide unique heat dissipation effects for the pump and calipers, reducing brake oil temperatures. The rear brake caliper is forged in a single piece with two pistons featuring stroke recovery. It includes a 180*16 mm hydraulic floating brake disc (carbon ceramic brake discs optional). Additionally, the new brake distributor has been optimized for efficiency, and the front calipers are redesigned with enhanced fin geometry and thickness to improve heat dissipation and structural rigidity.
5. 50*2*1040 mm rear axle, paired with CNC-machined magnesium alloy axle hubs.
6. Lightweight design: The chassis extensively uses magnesium alloy and aluminum alloy components, including pedals, axle hubs, wheel rims, steering wheel and sprocket carrier.
7. Front torsion bar allows drivers to adjust chassis stiffness according to track conditions.
8. It features the new B11 Body Kit with a unique aerodynamic design to reduce drag and enhance on-track performance.



V O R T K A R T



