

# KALANA RACING CAR

## GENERAL SPECIFICATIONS

<b>DRIVE</b>	Left Hand Drive
<b>CHASSIS</b>	Two-seater Monocoque tub full carbon fiber equipped with Roll Cage designed as per FIA Annex J 253.8,
<b>FRONT SUSPENSION</b>	Double wishbone with push rod, heave spring with ILX damper, adjustable anti roll bar, Adjustable dampers Ohlins TTX40
<b>REAR SUSPENSION</b>	Double wishbone with push rod, heave spring with ILX damper, adjustable anti roll bar, Adjustable dampers Ohlins TTX40
<b>BODYWORK</b>	Full carbon-fiber bodywork, including complete car bottom (front splitter, central section and rear diffuser) Adjustable rear wing, adjustable front splitter, underbody skid blocks for flat bottom and front splitter available. No external mirrors, only cameras
<b>BODY PAINTING</b>	Wrapped
<b>FUEL TANK</b>	FT3 FIA homologated bladder, with integrated lift and pressure pumps. Capacity: 88lt.
<b>ENGINE</b>	V8 Judd DB 3.4, 610hp, max rpm 10 250rpm, DB 4.0 670hp max rpm 10 000rpm. Alternative engine options available.
<b>EXHAUST SYSTEM</b>	Optional FIA catalytic converter. Can be changed to meet noise regulations
<b>ENGINE ECU</b>	Traction control, switchable engine maps & gearbox management
<b>GEARBOX</b>	Sadev SLR 90-20 6 gear + RM with Electrohydraulic actuations system - paddle shift
<b>CLUTCH</b>	AP Racing CP 6913 nr.3 carbon fiber discs
<b>RIMS</b>	OZ ET 45 wheels 12 x 18 front, 13 x 18 rear
<b>RACING TYRES</b>	Michelin racing GT slick 30/68-18 front, 31/71-18 rear
<b>BRAKES</b>	Front & Rear discs Brembo 380 x 35 iron rotor with 6 pistons calipers
<b>ABS</b>	Bosch Motorsport M5, adjustable from central console
<b>STEERING SYSTEM</b>	Electric power steering with motor on rack, adjustable assistance level on steering wheel

<b>COOLING SYSTEM</b>	PWR radiators & water/oil heat exchanger
<b>INTERIOR</b>	Flocked/carbon Dashboard: Dash for logging and live parameters, 4G ethernet telemetry system, keyboard, FIA approved seats. Adjustable in steps with screws, floor mounted pedalbox, adjustable brake balance
<b>HEAD LIGHTS</b>	6x LED elements, turn signals
<b>REAR LIGHTS</b>	FIA approved rain light, turn signals, tail lights, brake lights
<b>WINDSHIELD</b>	Heated polycarbonate with Bosch motorsport wiper and washing system
<b>SIDE WINDOWS</b>	Polycarbonate
<b>SAFETY BELTS</b>	6 points harness
<b>HVAC</b>	Fans only, NO heater, NO A/C system

## **DIMENSIONS**

<b>OVERALL LENGTH</b>	4513 mm
<b>OVERALL WIDTH - FRONT FENDER</b>	2009 mm (front dive planes)
<b>OVERALL WIDTH - REAR FENDER</b>	1887 mm
<b>HEIGHT</b>	1171 mm (snorkel) 1130 (rear wing)
<b>WHEELBASE</b>	2700 mm
<b>FRONT TRACK</b>	1582 mm
<b>REAR TRACK</b>	1544 mm
<b>FRONT OVERHANG</b>	970 mm
<b>REAR OVERHANG</b>	871 mm
<b>RIDE HEIGHT (FRONT)</b>	56 mm (static) 40mm (dynamic)
<b>RIDE HEIGHT (REAR)</b>	6 mm (static) 40mm (dynamic)