

# GP3 MONOPOST



## **Monocoque and Bodywork**

Survival cell – Sandwich Carbon/aluminium honeycomb structure designed by Dallara

Front and rear wings – Carbon structures designed by Dallara

Bodywork – Carbon – Kevlar – Glass composite structures designed by Dallara

## **Dimensions**

Wheel base - 2780 mm

Overall length - 4471 mm

Overall width - 1885 mm

Overall height - 1063 mm (FOM camera included @ 20 mm Front and Rear ride height)

Overall weight – 630 kg (driver on-board)

## **Performance**

Maximum speed 265 km/h

## **Safety standards**

FIA F1 2006 safety standards

Front side rear and steering column impact tests

Front and rear roll hoops, impact structures and monocoque push tests

Wheel retainer safety cables

### **Suspension**

Front and rear double steel wishbones, pushrod operated, twin dampers, helicoidally spring suspension

Adjustable ride height, camber and toe

Two way front and rear adjustable Koni dampers

Front and rear adjustable anti-roll bar

### **Engine**

Engine development achieved by Renault F1

Renault 4 cylinder 2 litres turbo charged 280 HP @ 6500 rpm

Fly by wire throttle system

One rebuilt per year only

### **Fuel cell**

FIA standard

### **Gearbox**

6 speed longitudinal sequential Hewland gearbox

Electro-hydraulic command via paddle shift from steering wheel

Pure two pedals car – clutch paddle on steering wheel

On board starter

Hewland ramp differential

### **Wheels and tyres**

O.Z. racing wheels – front rims 13” x 10” – widerear rims 13” x 12.5”

GP3 series specific Pirelli slick tyres

### **Steering system**

Non assisted rack and pinion steering system

XAP carbon steering wheel with dashboard, marshalling display, gear change and clutch paddles

### **Brakes**

4 pistons monobloc Brembo callipers

Brembo steel brake discs 280x18

Brembo pads

### **Electronic features**

Magneti Marelli Marvel 8 ECU/GCU including data logging system

XAP power supply management unit

F1 Marshalling system pre-equipment

Beacon receiver

### **Composites**

Dallara with Delta Tech materials

**Camera equipment**

New generation roll hoop, nose cone and face shot camera pre-equipment