

 **Tillotson**  
RACING

**T4**  
SERIES



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 **Tillotson**

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# Introduction

**FANATC KART** presents the Tillotson T4 Series—a new category of racing that provides cost-effective entry into the sport of karting. The T4 Series is designed to increase participation in karting with a user-friendly kart package that provides an easy to learn and competitive experience for both new and seasoned drivers. **The T4 Series is the new base of karting!**

The T4 Series runs a mono-brand Tillotson chassis developed to suit the Tillotson TPP-225RS engine and specifically-designed tyres. In order to control costs, only stock chassis and engine components can be used in the series, and there is a dedicated technical rule set for the chassis, engine and carburetor. All countries will run the same equipment and rules package. Each year, the top drivers around the world will come together to compete in the Tillotson T4 Series World Finals.

# Kart



The T4-C1 chassis was designed specifically to suit the TPP-225RS engine with user friendliness in mind. The combination of the chassis and engine bring together optimum power and great handling to provide a fun and competitive race experience for both new drivers and seasoned karters. In order to maintain the low cost of the category, only stock parts such as the seat, axle and wheels are permitted for use on the T4-C1 chassis. User-related adjustments such as caster camber system, ride height and gearing configurations can be adjusted to suit driver preferences.

Chassis:	Ø30/32 mm Tubular Frame
Brake System:	Hydraulic
Brake Disc:	Ventilated floating Ø195 mm rear brake disc
Axle:	Ø50X2X1030MM MOD.TILLOTSON (standard equipment)
Bodywork:	506 with CIK-FIA homologated supports
Wheel Rims:	Aluminium, 130 mm front – 210 / 180 mm rear
Fuel Tank:	8.5 L
Spindles:	Ø25 mm
Caster / Camber:	Eccentric 2MM Ø10MM (8 fixed position)
Sticker Kit:	Tillotson Racing Kit (4 options)

# Engine

The **TPP-225RS engine** was developed by Tillotson with extensive field testing by national and international championship karters over the last three years. It features a completely new crankcase design which is heavily supported to allow a larger size piston compared to other common four stroke engines. The larger, 72mm diameter piston provides excellent torque in the lower rpm band and offers exceptional driveability, making it extremely user friendly for new drivers.

## Some technical points:

**Capacity:** 225cc 4 Stroke

**Power:** 15HP

**Engine Weight:** 17kg

- Overall weight 69kg to reduce fuel consumption and provide a more nimble driving experience
- PVL Digital Ignition limited to 6,500rpm
- Tillotson HW Series carburetor calibrated for the TPP-225RS engine
- Engine is sealed so no tuning is permitted—only adjustment to the valve clearance is allowed
- Up to 30 hours engine life without maintenance
- Billet CNC machined connecting rod/flywheel for improved strength and reliability
- New design Tillotson crankcase with extra support for the higher power output



# Engine Oil

Tillotson partnered with XERAMIC® Kart Lubricants to develop an oil that offers longer engine life and optimum lubrication. The oil can detect contamination or additives by inspecting it with a UV lamp to eliminate cheating. The 4-stroke oil is made exclusively for Tillotson.

# Tyres

Tillotson has developed a Tyre specifically for the T4 Series in conjunction with Maxxis Tyres designed to offer long life, sustained performance and suitable grip for a fun driving experience. The Tyre will be exclusive to the Tillotson T4 Distributor in your country.



# ***Technical Controls***

Our aim is to create a platform that allows driver skill to prevail over driver investment.

To achieve this goal, we have developed tight technical controls and fiches for all our materials. These parameters are implemented by trained scrutineers with proper tooling supplied by Tillotson to maintain the integrity of the T4 Series and allow all regions to run identical specifications.



## ***Enquiries***

For enquiries regarding the new  
Tillotson T4 Racing Oil please contact: