

## TRRS ONE KIDS – E 2020

Nov. 2019

After several years in the Trial market with highly accepted combustion models, TRS Motorcycles presents its first electric motorcycle design, focused on the youngest riders.

The Firm has bet strongly, in order to get a product of great benefits and high quality in all its components, the result seems obvious 😊!

This new jewel of TRS Motorcycles will be marketed as of December 2019 in version 20" for riders aged between 6 and 10 years of age, and in 16" for the youngest from February 2020.

### Main features of On-E Kids

#### **Aluminum monocoque frame:**

At first glance, an innovative integration of all the electrical components in the cycle part can be seen.

The 48V. 17.5A lithium-ion **battery** integrated in the frame allows weight distribution to be optimized, guarantees its tightness and provides total protection.

Up to 3 hours of autonomy for beginner riders.

**4A battery charger:** provides fast charging in less than 3 hours.

**48V 1.350W electric motor:** located in the lowest and centered part of the frame, to obtain a better center of gravity.

3.000 RPM with a torque of 32Nm.

**Swing Arm** casting in aluminum.

**Control unit**, 100A Controller: located inside the self-supporting subframe, to achieve the least visual impact and obtain an optimum level of tightness.



Programmable from the Android APP, with different modes of power delivery to adapt the motorcycle to each rider depending on their driving level.

#### **4 riding modes programmed as standard:**

**Mode 1:** docile and safe for the youngest with less experience.

**Mode 2:** optimal for trial initiation.

**Mode 3:** the most performance and effective.

**Mode 4:** aggressive and powerful to face the biggest obstacles.

**Suspensions:**

Rear suspension with 115mm progressive linkage system and DNM hydraulic shock absorber, adjustable in extension and spring preload. 250lbs spring

Front suspension RST 26 “tapered” 100mm travel pneumatic aluminum adjustable in extension and locking.

**Components:**

**Wheels:**

20 ”front wheel with TRRS machined hub and REBEL Trial tire.

19 ”rear wheel with TRRS machined hub and REBEL Trial tire.

**Brake System:** Shimano MT400 and 160mm brake discs.

**Rear sprocket:** Z98 machined and IRIS 219 chain.

**Footrest:** TRRS GRIP.

**Gripps:** Hebo with ODI plugs.

**Headset:** NECCO 1.5 / 1 1/8 ”.

**Handlebar:** TRRS KIDS.

**Kill button:** LEONELLI.

**Protectors:** front and rear disc, as well as rear sprocket.

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