



Elantra N TCR
Passion meets proven experience

A new challenger for the circuit

Meet the Elantra N TCR

The Elantra N TCR expands the TCR range available from the Hyundai Motorsport Customer Racing department, building on the considerable success of both the i30 N TCR and Veloster N TCR designs.

An all new design, the Elantra N TCR takes the championship winning DNA of the Hyundai Motorsport-built TCR cars and combines it with the expertise gained by the Customer Racing department's engineers from three years of our customers competing in the highly competitive global category.

With the Elantra N TCR Hyundai Motorsport Customer Racing aims to continue the success our customers have enjoyed since the launch of our first circuit racing car in 2017. The new model takes advantage of the winning traits of both the i30 N TCR and Veloster N TCR, but our designers and engineers have used the opportunity to improve key areas of the car. Combining these they have created a very strong all-round package, perfectly suited to the full range of teams and drivers who race in the TCR category.



*prototype car



Strong all-round package

Ready for sprint and endurance races

Designed to the globally-recognised TCR regulations the Elantra N TCR is powered by an all-new two-litre turbocharged engine, with power transmitted through the 6-speed sequential gearbox. The focus is on maximizing performance from the entire package, while also presenting a reliable, cost-effective racing car intended for privateer teams.

Whether in sprint or endurance events drivers will be able to get the best from the Elantra N TCR, thanks to the work undertaken as part of an exhaustive testing and development phase. Attention was given to every area of the car, with the end product capable of winning on any circuit, in any series.

The Elantra N TCR is a very nice car to drive, even from the first tests. Straight away the added experience that Hyundai Motorsport Customer Racing had from the i30 N TCR and Veloster N TCR really showed. There are lots of small changes which customers will really appreciate, such as improvements in the steering system over the previous cars. Through testing we developed the sprint and endurance packages in parallel, so no matter where they race teams and drivers will be able to rely on the Elantra N TCR both for performance and reliability.

Made in Alzenau

The home of Hyundai Motorsport

The Elantra N TCR continues the expansion of Hyundai Motorsport Customer Racing. Since its creation in late 2015 with the launch of the Hyundai i20 R5 car the department has grown both in size and in reputation thanks to the winning performances of customers in both circuit racing and rallying.

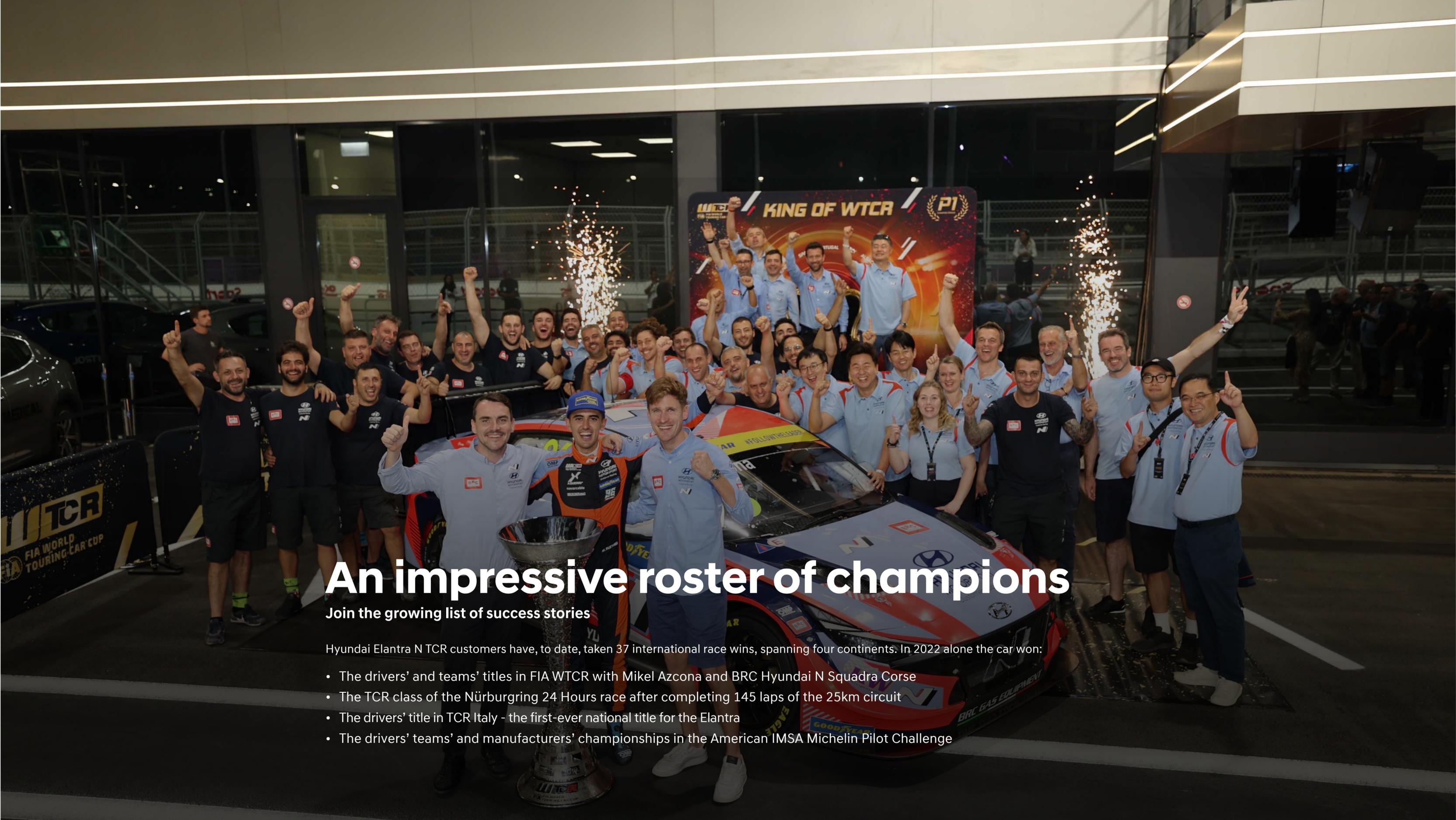
Every Elantra N TCR is built in the team's 16,000m2 headquarters near Frankfurt in Alzenau, Germany which is also home to the World Championship-winning WRC squad.

All Hyundai Motorsport customers can rely on the support of dedicated teams of support engineers and sales staff, ensuring that they will always be able to compete to the highest level.

Since the creation of the Customer Racing department we have been able to build a formidable reputation for the success of the cars on track and the market-leading level of support we give to each one of our customers. With the Elantra N TCR we can continue to prove ourselves in both these areas, ensuring our customers are always in a position to race at the front of the field and take the victories they deserve.



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An impressive roster of champions

Join the growing list of success stories

Hyundai Elantra N TCR customers have, to date, taken 37 international race wins, spanning four continents. In 2022 alone the car won:

- The drivers' and teams' titles in FIA WTCR with Mikel Azcona and BRC Hyundai N Squadra Corse
- The TCR class of the Nürburgring 24 Hours race after completing 145 laps of the 25km circuit
- The drivers' title in TCR Italy - the first-ever national title for the Elantra
- The drivers' teams' and manufacturers' championships in the American IMSA Michelin Pilot Challenge

Technical information

Under the hood of the Elantra N TCR

Engine

- Transverse mounted, Hyundai Motorsport-built 2.0 litre turbocharged engine with direct injection

Transmission

- Pneumatic paddle shift operated 6-speed sequential gearbox with external preload adjustment
- Multi-disc motorsport clutch
- Motorsport specification driveshafts

Braking

- Front - Bespoke 6-piston monobloc calipers with 380mm diameter ventilated brake discs
- Rear - 2-piston monobloc calipers with 278mm diameter ventilate brake discs
- Adjustable pedal box with spherical bearing-mounted master cylinders

Steering

- Electric power steering

Suspension

- Front - MacPherson strut
- Rear - 4-arm multi link
- Adjustable dampers

Wheels

- Specially designed 10"x18" rims

Chassis

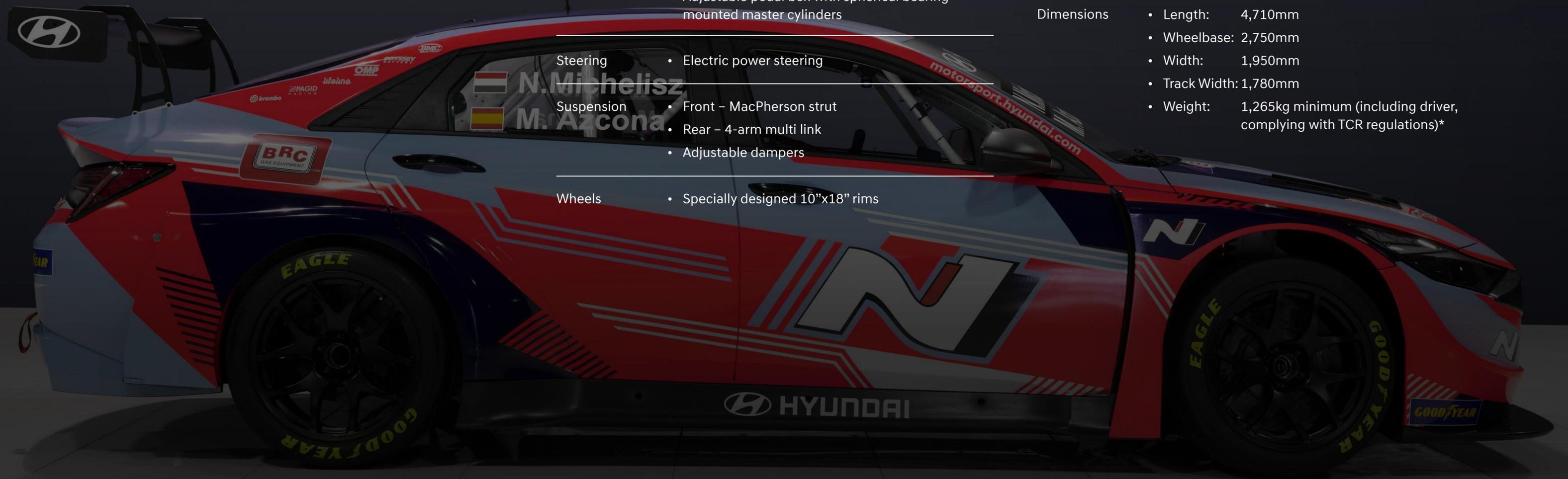
- Hyundai Motorsport-designed lightweight high-tensile steel roll cage
- Strengthened production, white painted interior and exterior
- Steel and GFC body panels

Interior

- FIA Standard No. 8855/1999 and 8862/2019 Race seats and 6-point HANS compatible harness conforming to FIA Standard No. 8853/2016
- FIA Standard No. 8865-2015 Fire extinguisher system
- 100-litre fuel tank with endurance refueling capability

Dimensions

- Length: 4,710mm
- Wheelbase: 2,750mm
- Width: 1,950mm
- Track Width: 1,780mm
- Weight: 1,265kg minimum (including driver, complying with TCR regulations)*



*prototype car

Customer Racing experience

Services and on-event support

Every Hyundai Elantra N TCR is delivered fully assembled, 'ready to race' and with white-painted interior and exterior.

A handover pack is provided with each car to help get up to speed.

Each contains:

- Roll cage certificate
- Fuel cell certificate
- Catalytic converter certificate
- User Manual (PDF version)
- Spare Parts Catalogue (PDF version)

Hyundai Motorsport offers the following additional services:

- Trackside engineering support*
- On-event parts truck**

Commercial Terms

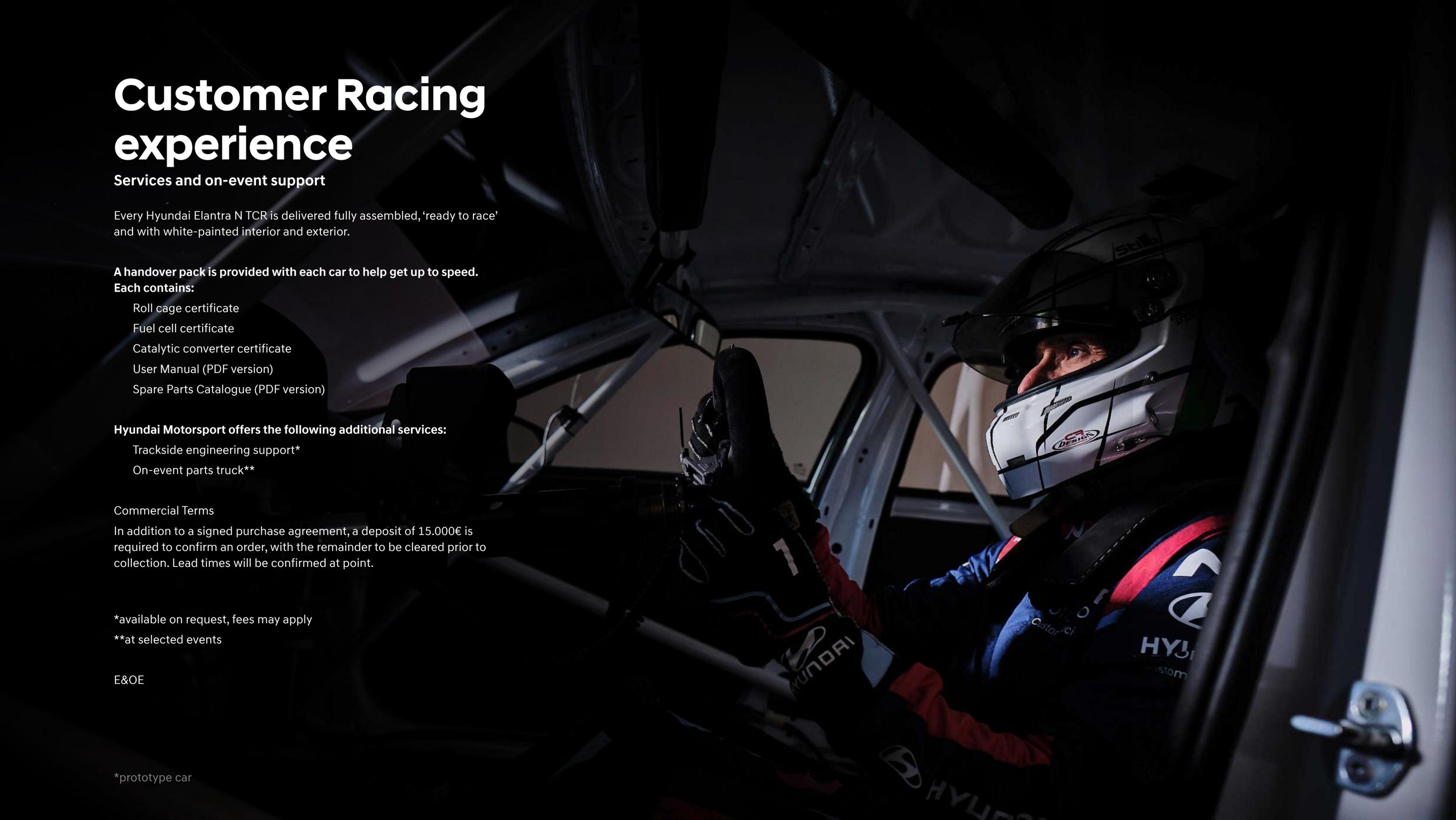
In addition to a signed purchase agreement, a deposit of 15.000€ is required to confirm an order, with the remainder to be cleared prior to collection. Lead times will be confirmed at point.

*available on request, fees may apply

**at selected events

E&OE

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Get in touch

Contact our Customer Racing department

To discuss the Hyundai Elantra N TCR further or to arrange a viewing,
please contact us:

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