nitro powered RC cars
HPI Racing offers RC cars suitable for all forms of RC car action: Heavy duty off-road bashing, car park action or serious RC car racing. Whatever choice you make, you can be assured that you will get a high quality, high performance RC car that HPI Racing is renowned for!

HPI sponsors 2005 BTCC team

Radio controlled model car makers HPI Racing have hit the big time – with a full sized sponsorship of a new 2005 British Touring Car Championship (BTCC) team. The new team, “HPI Racing with Friends Reunited” - which will race two Lexus IS200 cars - is go, go, go as of Tuesday, March 29, 2005, when the race series was previewed at Donington Park race circuit in the English East Midlands.

What are RC Cars?

Well the easy answer is that they are radio controlled model cars that respond precisely to your commands. The more complete answer is that they can be a great addition to your lifestyle. Whether you are just having fun in your driveway, bashing around with friends or racing at the world championships, radio controlled cars are a great hobby.

Pre-assembled

RTR – The HPI Ready-To-Run concept. All HPI RTR models have been configured and tuned by professional technicians. Within approx. 10 Minutes of unpacking the car you will be able to begin the running-in process of the car and start having fun.

Radio

A high quality “pistol grip” design universal radio set is included. The radio gear is compatible with all other popular RC car standards and therefore it is easily upgradeable or can be used with other cars as well. To run together with other cars, interchangeable crystals make switching frequencies a breeze.

Engine

HPI RTR models come with high performance Nitro Star engines already installed, tuned and ready for running. HPI Nitro Star engines are especially designed for easy set up and tuning – ideal for beginners, yet they perform like a pro! With their awesome power, easy maintenance and proven durability, they are simply the perfect engines for an introduction into the world of nitro powered RC cars!

Pre-painted Body

Eye catcher! HPI RTR models come with a vibrant pre-painted bodyshell! All decals are pre-applied, body post holes drilled and wheel arches precisely cut to size. A flash finishing touch pre-applied to your new RC car! HPI offers over 100 different bodyshells - pre-painted or clear for your individualized paint scheme!

HPI Easy Start Options

HPI Racing kits come with 2 easy start options for your convenience.

- The pullstart mechanism is a very reliable way to start the engine. Just a couple of short strokes and you're away - no extra equipment needed no extra battery to charge...

- The HPI Roto-Start System gives you extra convenience. Simply insert the Roto-Start into the engine adapter and a quick press of the starter button your engine will be up and running within seconds!

DVD

The information on the HPI RC Cars DVD provides a complete and detailed introduction to the fascinating world of RC model cars. This DVD will show you step by step how to start and run in your engine, and how to get the best performance from your HPI RC car. The HPI RC Car DVD is your personal RC Car expert in a box!

HPI Ready-To-Run

The easy way into nitro RC cars!

HPI Ready-To-Run models bring you the same high performance and quality that you’d expect from a high end model car kit but with the added convenience of being factory pre-assembled to the highest standards – giving you a high performance RC car straight from the box! Just a few steps are needed to get your car up and running. All HPI RTR RC Cars feature:

HPI Racing is one of the most popular manufacturers of high-performance radio controlled cars in the world. Since 1986 HPI (Hobby Products International) has been manufacturing products aimed at making the RC hobby fun and exciting.

We have taken a lot of care and effort in ensuring this booklet is correct and up to date. However, all items in this booklet are subject to change and availability. HPI Europe Ltd are not responsible for typographical errors. Products available at time of printing.
Nitro RS4 RTR3 Evo touring car

The new RTR Nitro RS4 3 Evo is the next evolution of our popular ready-to-run Nitro RS4 3 car. For the “Evo” we added a more powerful engine, Roto Start System, 2-speed transmission, tube header, pre-painted body, and chrome wheels. The new T-15 engine delivers more power, higher top end speed and more durability using true ABC (hard chrome sleeve) construction. A tall heatsink head helps keep it cool and running smoothly, and a 2-needle carb that allows precise carb tuning for maximum power. The included HPI Roto Start electric starting system lets the engine start up with push-button convenience! Topping off each RTR Nitro RS4 3 Evo is a pre-painted, trimmed and decaled body, straight from the box. And we kept the legendary durability of the 4WD shaft driven RTR 3 platform, which eliminates rocks getting stuck in drive belts for parking lot driving. The RTR 3 Evo: faster, more adjustable, packed with new standard features…get one!

HPI Designed Cars

HPI Designed Cars

HPI Licensed Cars

under £275*
**2-Wheel Drive Stadium Truck**

The Nitro Rush Evo 2WD nitro powered stadium truck has evolved from the superb original Nitro Rush into this awesome high powered, high speed off road terror. The Nitro Rush Evo has been toughened up and now includes a reinforced die cast Aluminium chassis for incredible chassis strength. The durable and powerful Nitro Star T-15 engine together with the low maintenance 2-wheel drive gearbox gives the Rush Evo an almost indestructible drive train. Add to that the fully independent suspension geometry and all new HPI ultra soft hi-bite rubber tyres and you get a Nitro Rush Evo that is ready for the toughest conditions.

- Durable and powerful T-15 engine
- Adjustable slipper clutch
- Pull starter
- Protected radio box
- Dual chamber tuned pipe
- Pre-glued soft compound tyres with inner-foams
- Long-stroke oil-filled shocks

Dimensions (approx.)
- Width: 330mm
- Length: 435mm

**4-Wheel Drive Stadium Truck**

The HPI MT 2 stadium truck is one of the most popular nitro powered 4WD Stadium trucks in the world. Based on a solid 2.5mm thick aluminium chassis it’s design is capable of taking rougher rides than ever before! The strong shaft-driven 4-wheel drive system provides optimum traction and power transfer when it comes to scrambling over rough terrain! The Nitro Star T-15 engine combines awesome off-the-mark power and fast top end speeds with easy starting characteristics and high durability - making it the perfect engine for beginners and advanced racers alike!

- Durable and powerful T-15 engine
- Adjustable slipper clutch
- Pull starter
- Protected radio box
- Dual chamber tuned pipe
- Pre-glued soft compound tyres with inner-foams
- Long-stroke oil-filled shocks

Dimensions (approx.)
- Width: 330mm
- Length: 440mm

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*Recommended prices might vary due to specification and retail outlet.
HPI’s biggest truck ever! The huge success of the Savage began with the release of the ground breaking Savage 21 in September 2002. Since then the HPI Savage has proven the performance and toughness which made it the most popular big block truck in the world. The Savage 25 RTR is latest Ready to Run Savage and it’s 2005 update made it even stronger and faster. The Savage 25 can handle the most extreme terrain and moves you can throw at it! With its 1/8th scale and shaft driven 4-wheel drive it soaks up dirt, sand, asphalt, giant jumps, back flips or front flips with ease. The 2.5hp Nitro S-25 2-stroke engine has massive horsepower and torque pushing the truck to speeds of 38mph. 8 long-stroke coil over shocks with 6 inches of suspension movement (42” in real scale) can absorb anything you throw at it. The Savage has been equipped with the strongest out-of-the-box chassis and suspension in the R/C industry - it’s built for extreme power. It all comes in one complete package: A pre-assembled Savage 25 truck with radio system, pre-painted body shell, electronic starting system and complete instructions...all at a very competitive price. So if you’re after one of the strongest monster trucks available, check out the HPI Savage 25!

4-Wheel Drive Monster Truck

The heart of the Savage 25 is the powerful new Nitro Star S-25 that has 20% more displacement than the previous model. It’s a .25 cubic inch (4.1cc) big block engine that features a billet aluminum heatsink head for extra cooling, dual bushing aluminum connecting rod, true ABC chrome sleeve construction for durability and a simplified dual needle 7mm slide carburettor for easier tuning with a composite body for better performance at higher temperatures.

835 - RTR Savage 25

Dimensions (approx.)
Width : 410mm
Length : 520mm

£375*
1. Where can I buy HPI Racing RC cars?

There are many places stocking HPI R/C cars. These include many Halfords stores, as well as specialized model shops, some of which also offer excellent mail order facilities. For a full shop search visit the Website of HPI’s UK distributor www.mirageracing.com

2. Where can I drive the cars?

There are many places suitable for using R/C cars. However we do not recommend that you use R/C cars in built up areas, public roads, private land or where they could cause a danger to other people or animals.

3. What equipment do I need?

HPI RTR cars (Ready to Run) are pre-built and require minimal set-up before use. However you will still require some additional items before you can get going. Most HPI suppliers can supply a starter pack for your HPI car containing the essential items you’ll need. You will also require some simple tools such as: screw drivers or long nose pliers.

4. What about the fuel?

HPI RC cars run on special model car nitro fuel, which is available from almost all HPI suppliers. Do not use any other fuel. Similar to real car fuel, precautions have to be taken for handling and storage of model car nitro fuel. Please follow the manufacturer’s guidelines.

5. How long do they run?

One tank of fuel will normally give between 5 - 15 minutes of running time, then you can refuel in seconds and keep on running the car for as long as you like.

6. Can I run together with friends?

Yes of course, that’s half the fun. Our kits are available with 6 different frequencies and each box is marked with the frequency fitted to that car. Frequencies (referred to as crystals) can be changed very quickly and easily and are available from all HPI suppliers. There are up to 12 different frequencies available for use with your HPI radio equipment.
7. **How fast do the cars go?**

Very fast!!! HPI's Stadium trucks reach top speeds of over 40 mph, and the big and durable Savage truck goes over 38 mph. On-road touring cars are even faster, with their 2-speed transmissions they go over 45 mph straight out of the box. But for all the speed junkies out there, there is no real limit. With HPI option parts and tuning engines you can go even faster!

8. **How far does the radio reach?**

HPI RC cars can be controlled from up to 300 meters away! Interferences caused by the environment (like cars, fences etc.) might shorten the range. (see “Where can I drive the car?”)

9. **What if I crash the car and it needs repairing?**

No problem, HPI R/C Cars are real model cars. Like real cars you can get every part as a spare part, so the car can be repaired from a lost nut to a replacement engine. The manual included shows the construction of the car and part numbers in great detail easing repairs. You can either do all repairs yourself or ask a model shop with a customer service centre to do it for you.

10. **Where do I get spare parts or tuning parts?**

HPI spares and tuning parts are available from most HPI suppliers, many of them with mail order. Please see the shop search function on the Mirage website for suitable suppliers: [www.mirageracing.com/shops.php](http://www.mirageracing.com/shops.php)

11. **What if I need help or the car does not work?**

Many model shops are happy to give advice & help, plus Mirage Racing (the UK distributor for HPI) has a team of trained engineers manning their customer service hotline 0845 00 66 160 for further back up. HPI offers an industry leading two year warranty to ensure that all component parts are free from defects in materials or workmanship during this period.

12. **Do the cars require maintenance?**

HPI high performance RC Cars are real model cars, and like real racing cars they do require some maintenance to ensure the best performance and reliability. With each HPI car we supply a user manual and HPI R/C Cars DVD that show you in great detail how to get the best from your HPI RC Car.

13. **Can I customize my car?**

Absolutely! Again like real race cars a great range of option parts are available from HPI to give your car the personal touch, or make it even faster or stronger! You can also choose from a wide range of body shells to give your car a new look. Body shells are available pre-painted for convenience or clear so you can paint it in your own personal colour scheme.
HPI Options

Customize your ride!
Like real race cars a great range of option parts is available from HPI to give your car the personal touch, or make it even faster or stronger!

To enhance the performance of your car you can upgrade your engine for more power and speed, optimize the drivetrain for better efficiency or tune the suspension for better handling.

Tuning wheels and tyres give you a cool look and best traction on different surfaces.

You can also choose from a wide range of body shells to give your car a new look. HPI Body shells are available pre-painted in cool colour schemes for convenience or clear to paint your car in your own personal look.

Check out the HPI-Europe website for a full range of option parts, wheels, tyres and body shells: www.hpi-europe.com

R/C Nitro Starter Packs
Convenient Starter Packs will be available for Nitro car and truck owners! The Starter Packs include all the essential accessories you need for your new RC Car.

- The R/C Nitro Starter Pack (M100100) includes a 250cc fuel bottle, convenient 4-way glow plug wrench and a glow plug igniter - perfect for anyone with a Nitro car or truck.

- The Roto-Nitro Starter Pack (M100101) is ideal for owners of the latest HPI RTR cars or trucks equipped with the Roto-Start system. The pack contains a 1500mAh battery pack and wall charger (suitable for the Roto Start included with the car or truck), glow plug igniter, 250cc fuel bottle and a 4-way glow plug wrench.

HPI RC Model Car DVD
HPI Racing is pleased to present this HPI RC Model Car DVD. The information on this DVD provides a complete and detailed introduction to the fascinating world of RC Model Cars. This 115 minutes DVD will show you step by step how to start your Nitro or Electric (HPI) model and how to get the best performance from your model. We’ll also show you how you can participate in a model car race, from Registration to Racing. In addition to the training sections of this DVD, we also include an overview of all the high-quality Nitro and Electric powered HPI models and show you them in breath-taking action sequences. The clear information menus make navigation of this DVD as easy as possible.

Contents: Getting Started Nitro (all cars), Getting Started electric, Getting Started T15 powered cars, Getting Started S25 powered cars, Introduction to the HPI Challenge, All HPI models in Action.

UK Distributor:
Mirage RC Enterprises Ltd. Queens Drive Industrial Estate, Swadlincote, Derbyshire. DE11 0EG
Mirage Website : www.mirageracing.com HPI Racing Website : www.hpi-europe.com