

Car Buyer

The 'Model Cars' guide to race-winning 1/10th scale electric buggies

If you are interested in 1/10th scale electric buggies then one thing is for sure, you will not be spoilt for choice. The car market in this racing class is indeed wide and new products, new manufacturers are constantly appearing to swell the ranks.

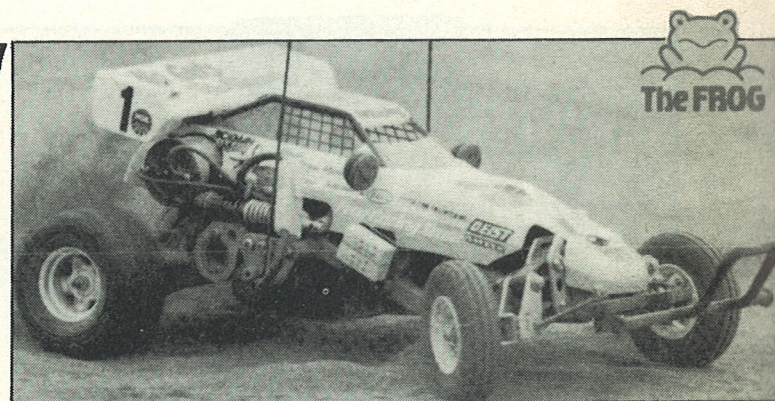
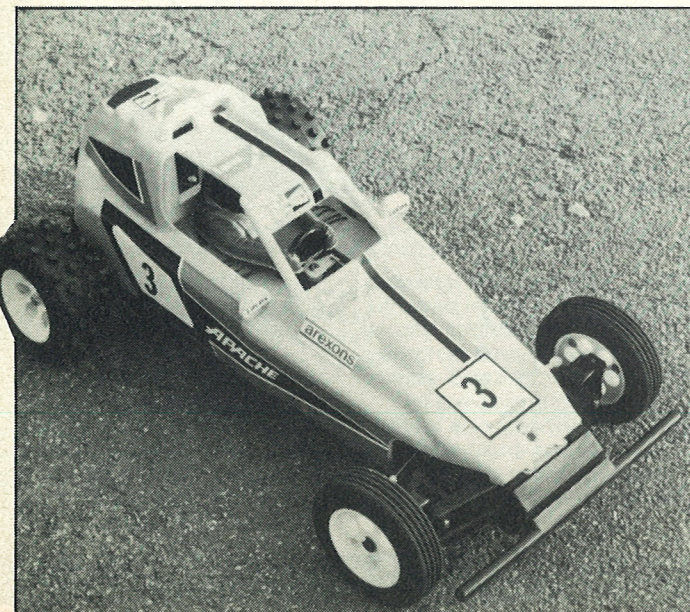
As a magazine primarily directed towards racing as opposed to back garden playing about, we decided to display our choice of 'Race Winners' to ease you on your way to final selection. These cars are only the competition end of the market and there are a lot more besides. Fun machines, stunt vehicles and less complex, budget priced, Off-Roaders.

Just like buying real cars, there is no substitute for actually going to see your selections. Find out where your nearest stockist is and have a look.

(Below) Apache

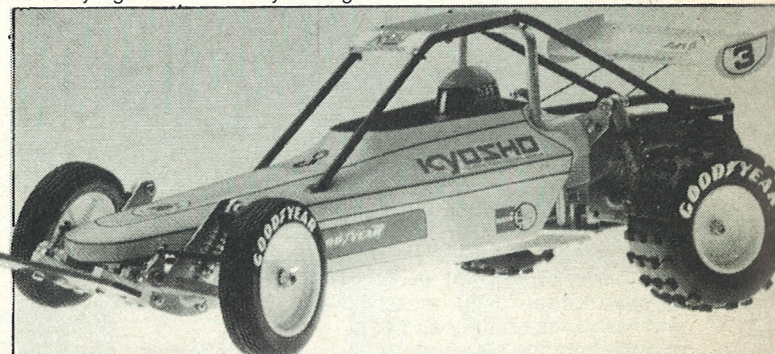
Manufacturer: *Mardave Racing*, 7 Heanor Street, Leicester.

The 'Apache' straddles the border between out and out racer and beginners' model. Design and construction is simple whilst still allowing adequate performance. Kits can include battery pack and charger to provide a complete racing package bar R/C gear..The bodyshell is a polypropylene injection moulding.



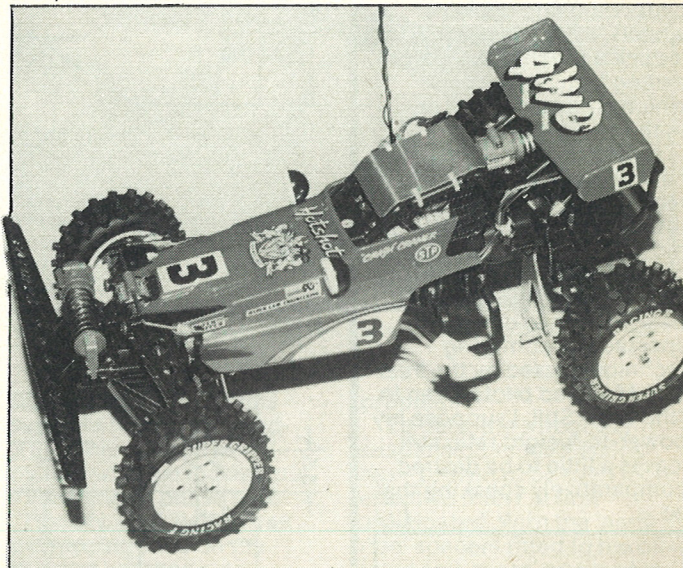
(Above) **Frog**
Manufacturer: *Tamiya*. Importer: *Riko*. 13-15a High Street, Hemel Hempstead, Herts.

The Frog is the *Tamiya* 'state of the art' two-wheel drive racer and as such includes many extras not found on other, similar, *Tamiya* kits. The chassis is a nylon injection moulded 'space frame' which is not only light but also very strong.



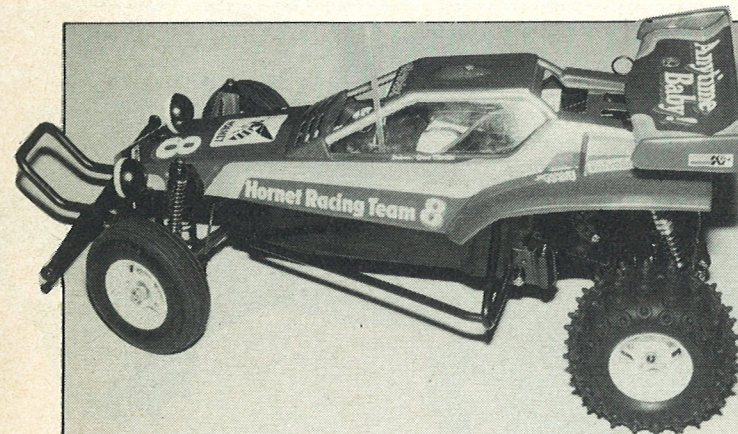
(Above) **Scorpion**
Manufacturer: *Kyosho*. Importer: *Ripmax Models*, Ripmax Corner, Green Street, Enfield EN3 7SJ.

The 'Scorpion' heralded *Kyosho's* introduction into the competition racing scene and immediately proved to be the car to beat at the time. Low weight and excellent suspension/damping made the 'Scorpion' easy to drive quickly. Despite being a competition racer the 'Scorpion' (and all kits in general) feature easy assembly and comprehensive instructions.



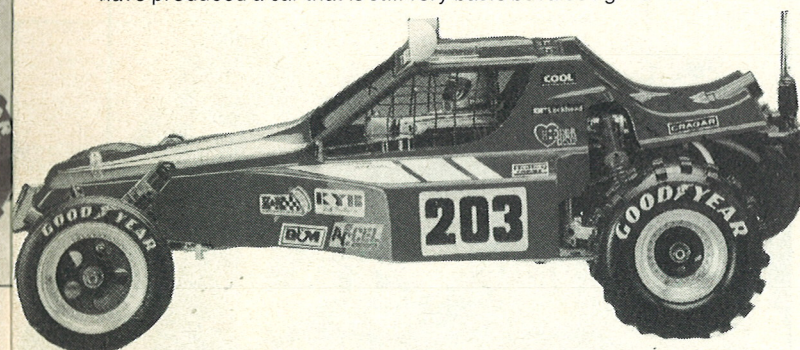
(Above) **Hotshot**
Manufacturer: *Tamiya*. Importer: *Riko*. 13-15a High Street, Hemel Hempstead, Herts.

The 'Hotshot' marks a departure from convention for *Tamiya* as this car is four-wheel drive. The Hotshot also bristles with racing features. Twin differentials, anti-roll bars (front and rear) oil filled dampers, lexan body and ballraces...



(Above) **Hornet**
Manufacturer: *Tamiya*. Importer *Riko* 13-15a, High Street, Hemel Hempstead, Herts.

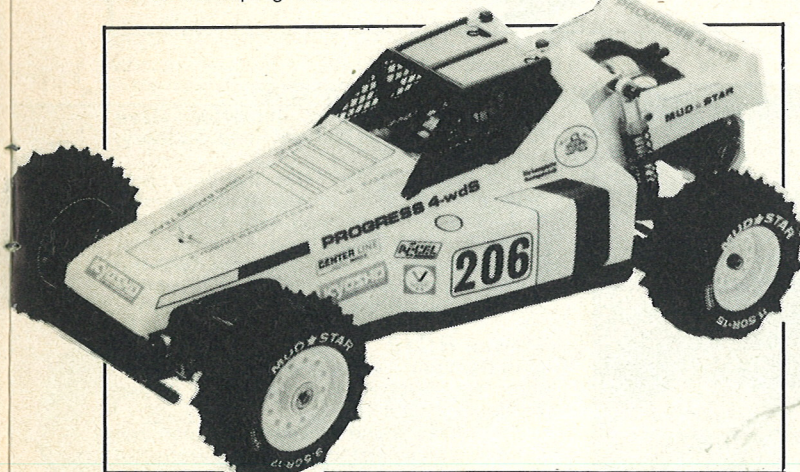
The 'Hornet' is basically an uprated version of another *Tamiya* buggy, the 'Grasshopper.' By adding oil filled dampers, lexan body, larger motor (540 size) and modifying the rear suspension *Tamiya* have produced a car that is still very basic but also light and thus fast.



(Above) Tomahawk

Manufacturer: *Kyosho*. Importer: *Ripmax Models*, Ripmax Corner, Green Street, Enfield, EN3 7SJ.

The 'Tomahawk' takes the 'Scorpion' design and incorporates slight changes. The radio crate is replaced with a radio plate. A differential is included as standard, roller bearings are fitted to the front wheels and generally the car is made lighter. 'Scorpion' suspension and damping remain unaltered.

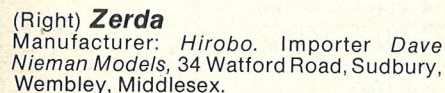


(Above) **Progress**
Manufacturer: *Kyosho*. Importer: *Ripmax Models*, Ripmax Corner, Green Street, Enfield, EN3 7SJ.

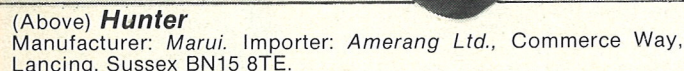
The 'Progress' is unique amongst this selection as not only does it feature four-wheel drive but also four-wheel steering. By allowing the rear wheels to steer the normal 4WD characteristics of power-on understeer is lessened. One way roller clutches in the front wheel act as a front differential.

Apache	Tomahawk	Scorpion	Progress	Hot Shot	Hornet	Frog		
							4 Wheel Drive	
							2 Wheel Drive	
							Ladder	Chassis Type
							Plate	
							Open Box	
							GRP	Chassis Material
							Alloy	
							Moulded Plastic	
							Trailing Arm	Front Suspension
							Wishbone	
							Trailing Arm	Rear Suspension
							Wishbone	
							Cast Alloy	Suspension Parts
							Moulded Nylon	
							GRP	
							Oil Filled Dampers	Front Springing
							Torsion Bars	
							Coil Springs	
							Oil Filled Dampers	Rear Springing
							Torsion Bars	
							Coil Springs	
							Front	Anti-roll Bar
							Rear	
							Gear	4-wheel Drive System
							Chain	
							Belt	
							Shaft	
1	1	2	1	1			Numbers	Differentials
							Limited Slip	
							Planetary Gear	
							Bevel Gear	Motor
							Mabuchi	
							Yokomo	
							Igorashi	Speed Control
							Circuit Board	
							Wound Resistor	
							Lexan Body	
							Radio Crate	
							Radio Plate	

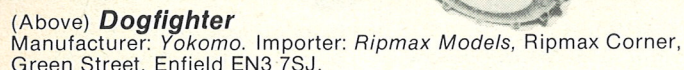
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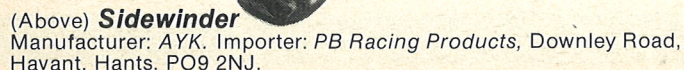
(Right) **Zerda**
 Manufacturer: *Hirobo*. Importer *Dave Nieman Models*, 34 Watford Road, Sudbury, Wembley, Middlesex.
 The 'Zerda' is an uprated version of the 'Rock 'n' City' and incorporates several detail changes. One-piece chassis, radio plate and ballraces all feature. The basic belt drive 4WD system is retained but the lexan bodysell is replaced with an open style roll-cage.



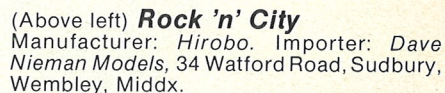
The 'Hunter' is also a slight compromise between the competition racer and fun run-about. Even so the 'Hunter' is capable of performing with the best of them and there is plenty of scope for home improvements.



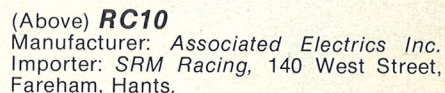
The 'Dogfighter' is another car currently finding favour under the four-wheel drive banner. Transmission between front and rear wheels is via a drive chain which can be adjusted to the correct tension. The full length chassis is produced from Kevlar which is extremely strong due to its flexibility.



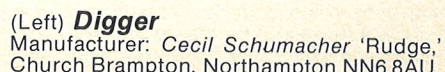
The 'Sidewinder' has found much favour amongst UK drivers due to its strong, durable construction and well thought out design. The standard motor supplied in the kit is AYK's own version of the *Yokomo* style motor which features adjustable timing and exposed brush gear.



The 'Rock 'n' City' was the first competition 4WD car to appear in this country and as such used timing belts to transmit drive between front and rear wheels. Despite the extra complication of 4WD the overall weight and running time is almost identical to the less complex 2WD cars.



The 'RC10' is the answer from American Company, *Associated* to the proliferation of Japanese buggy kits. The 'RC10' is primarily directed at competition usage and as such incorporates a wide range of adjustments to suit varying driving styles and track conditions.



The 'Digger' is unlike any of the other cars mentioned here in that the suspension system is rather more basic in comparison. All the components are made from glass reinforced plastic (GRP) and as such are light, strong and durable.

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