

REEDY

2005 Catalog



Motors, batteries and accessories for the demanding racer



NEW!

The Reedy NEO-One

has no brushes, no springs, and no commutator to cut. Its completely-sealed design provides maintenance-free performance in any racing environment, onroad or offroad.

The NEO-One is Reedy's sensed brushless motor which works interactively and intelligently with the LRP Sphere Speed Control. When used in conjunction with the LRP speed control, the combo offers the same linear performance and braking feel that you've become used to with conventional brushed motors. The Reedy NEO also features direct U-solder tabs as well as a connecting socket on the backplate to enable you to use the NEO with other brands of brushless speed controls. It fits standard "540-size" motor mounting holes and uses all conventional size pinion gears.

BRUSHLESS
NEO
ONE

Associated Electrics, Inc.
3585 Cadillac Ave.
Costa Mesa, CA 92626 U.S.A.
(714) 850-9342
<http://www.rc10.com/reedy>

Reedy Motors



Motor Comparison Chart

Motor Brush Comm Can Winds Adjustable Timing Rebuildable Bearings/Bushings Other

Hand-Wound Modified

Motor	Brush	Comm	Can	Winds	Adjustable Timing	Rebuildable	Bearings/Bushings	Other	
Pt Platinum	Standup #729	7.5mm Quasar	All hand-wound modified motors feature bearings, single and double winds, 1.4mm vented can, adjustable timing, and are rebuildable.					Used by Mike Blackstock to TQ the Indoor Championships AND Snowbird Nationals in 1:12 scale modified!	Quad-mag FOURce-field - the latest C4 technology. Improved brush vibration damping system. Dual ball bearings. Heavy-duty solder tabs.
Ti Worlds Titanium	Laydown #766	9mm Actron						Used by Neil Cragg and Ryan Maifield in their B4s and T4 at the Cactus Classic!	High-strength C4 magnets. High-torque armature design creates a more intense magnetic field for quicker spool-up. Improved brush vibration damping system. Dual ball bearings. Heavy-duty solder tabs. High-strength C4 magnets. High-torque armature design creates a more intense magnetic field for quicker spool-up. Improved brush vibration damping system. Dual ball bearings. Heavy-duty solder tabs.
Ti Titanium	Standup #729	7.5mm Quasar						Used by Craig Drescher in his TC4 to win the Reedy International Touring Car Race of Champions!	Quad-mag FOURce-field. Drill and epoxy balanced. 9mm commutator supplies more copper for better heat dissipation. Polarity-coded brush heatsinks.
Kr Krypton	Laydown #766	9mm Actron						Used by Neil Cragg to TQ and win the European Championships!	

Machine-Wound Modified

Flash	Standup #729	7.5mm Quasar	1.4mm vented	Double	yes	yes	Bearings	Quad-mag FOURce-field. Surface-mount capacitors. Bullet connectors on 15 and 17 turn versions - ready for RTRs! Improved brush vibration damping system. Dual ball bearings. Polarity-coded brush heatsinks. Heavy-duty solder tabs.
Quad-Mag 19	Laydown #766	9mm Actron	1.4mm vented	19 x 1	fixed 24°	yes	Bearings	19-turn motor with Quad-mag FOURce-field. Improved brush vibration damping system. Dual ball bearings. Polarity-coded brush heatsinks
MVP	Laydown #766	7.5mm Actron	1.4mm vented	27 x 1	fixed 24°	yes	Bushings	27-turn ROAR legal stock motor. Improved brush vibration damping system. Heavy-duty solder tabs.

Learn more about turns and winds, and the difference between small and large comms, by visiting <http://www.rc10.com/reedy/turns.htm>

Spring Comparison Chart

	Spring	Rate/oz.	1:12	2WD Off Road	Open Motor Touring Car	Truck	4WD	Touring Car 12T EFRA	Touring Car 10T ROAR
	780	9	●						
	781	10		●					
	782	11				●		●	●
	783	12			●		●		
	740 Copper Head	8	●						
	742 Laydown	9.5		●		●			

Brush Comparison Chart

	Brush	Stock	Modified
Laydown Brushes	 766 Actron ¹	●	●
	 764 Full/Cut ²	●	●
	 767 Serrated ³	●	●
	 768 Serrated/Vert. cut ³	●	
	 769 Serrated Cavity ³	●	
	 760 Laydown off road (off road)		●
	 770 Cavity ⁵		●

	Brush	Ti	Pt	Ti (4 cell)	Pt (4 cell)
Standup Brushes	 729 Quasar ⁴	●	●		
	 738 Serrated			●	●
	 728 Serrated			●	●
	 737 Off road	●	●		
	 777 Plutonium	●	●		

NEW! #777 Plutonium Brush

Ask any top-level racer about the between-rounds care of their motors ... it's all about the maintenance of the motor commutator and the constant replacement of the motor's brushes. In touring car racing, with the latest-generation high-voltage cells and low-wind motors, the heat and wear on the motor brushes is at an all-time high, frequently requiring replacement after every run.

With this in mind, Reedy introduces the new #777 "Plutonium" motor brushes. These high-tech brushes are made of an extraordinary new compound designed to stand up to the heat and stresses of top-level touring car racing. Reedy "Plutonium" brushes not only provide outstanding power, but they last several times longer than our standard competition brushes. In fact, top factory racers have reported running these brushes for over 30 runs* with no drop-off in performance!

By replacing your motor brushes much less often, you'll spend more time on the track, and less time on the bench ... and save money in the long run, too! Whether you're a serious racer who's looking for an edge in performance, or a hobbyist just looking to spend less time and money on motor maintenance, the Reedy "Plutonium" brush is for you!

*Your actual usage could vary due to track conditions and maintenance.



**Plutonium
Motor Brushes**

¹ The #766 brush is standard brush for Kr, MVP and Spec 19T. It has good power and requires less maintenance than #767 brush.

² Torque cut Actron. Increases torque.

³ More punch. Requires more frequent maintenance.

⁴ Standard brush for Ti and Pt motors.

⁵ More punch. Slight RPM increase.

Power for 1:18 Minis

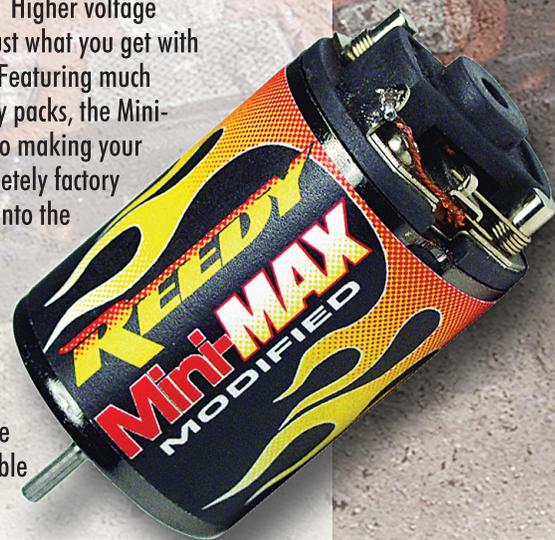


NEW!

Mini-Max 1100s Higher voltage means more power and that's just what you get with Reedy's new Mini-Max 1100s. Featuring much higher voltage than stock battery packs, the Mini-Max GP HV 1100 pack is the ticket to making your micro car rip up the road. Comes completely factory assembled with connector and fits directly into the Team Associated RC18T.

Mini-Max Modified Motor

Put some big-time horse power into your micro with the new Reedy Mini-Max Modified Motor. The Mini-Max features precision ball bearings and replaceable brushes all shrunk down to the popular 280-size to fit most 1:18 micros, especially the AE RC18T. **NEW!**



Reedy Batteries



X-Rated

matched sport pack batteries use genuine GP3300 Ni-MH cells that have been given the same cycling, matching, and voltage treating as Reedy's championship-winning cells. The batteries are assembled in clear tubes so you can see the matching info right on the label of each cell. Don't settle for "mystery" cells in your sport packs. Get Reedy's "X-Rated" packs and see the power you've been missing!



Real Time2

batteries give you the most accurate and useful information on how your batteries will perform during the race by giving you the cell's average voltage during the first five minutes of discharge, in addition to the standard measurements of discharge rate, total capacity, charge time, internal resistance, and the discharge cutoff point, 0.90 volt per cell.

Matched using the latest generation Gold Peak cells. Available in 3300mAh and 3700 mAh.

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