

CAR & TRUCK ELECTRIC MOTORS



Brushless Motors

See page 233 for the Novak Brushless Motor chart.

Novak brushless motors deliver higher performance and approximately 20% longer run time than brushed motors — with virtually no maintenance. Sensor technology provides excellent starting torque and low-speed driveability. All are hand-wound and put through rigorous testing, including a final dyno test.

Equipped with lightweight, ribbed aluminum end bells that act as heat sinks, **SS Pro Series** motors also feature Novak's ROAR-approved, nickel-plated, sintered Neodymium rotor for improved acceleration, braking power, and performance in high-temp conditions.

The Sintered rotor also distinguishes the **Velociti 3.5R** for top-level touring car competition. Other Velociti motors include the **4.5R** for competition touring cars; the 5.5 turn **5.5R** for high-traction off-road use and competition touring cars; and 6.5 turn **6.5R** or 7.5 turn **7.5R** for off-road and low-traction applications. All have a high-strength magnet and oversized front bearing for increased load handling. Velociti motors too are all ROAR-legal!

The 18.5-turn **Crawler** brushless motor is Novak's slowest motor and is the ideal setup for beginning drivers looking for slower speeds and longer run times. A new generation of high-voltage 550-size brushless motor, the **HV4.5** and **HV6.5** are ideal for applications that require a lot of raw power and rpm when run time is not an issue. The **EX Sport** series of sensed brushless motors have built-in thermal protection and user-replaceable rotor and ball bearings. They're an ideal way for budget-minded R/Cers to join the brushless revolution...and can be upgraded later to SS Pro Racing Motor performance!

Novak features a full line of brushless motor accessories (see page 233).

SS13.5 Pro Stock

Velociti 3.5R

Crawler Brushless

EX 8.5 Extreme

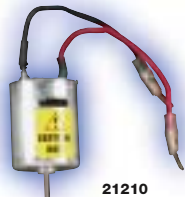
Stock #	Description	Tower
NOVC3403	Velociti 3.5R Racing Brushless Motor...✓	\$97.99
NOVC3404	Velociti 4.5R Racing Brushless Motor...✓	84.99
NOVC3405	Velociti 5.5R Racing Brushless Motor...✓	82.99
NOVC3406	Velociti 6.5R Racing Brushless Motor...✓	82.99
NOVC3407	Velociti 7.5R Racing Brushless Motor...✓	82.99

Stock #	Description	Tower
NOVC3408	SS 8.5 Pro Brushless Motor.....✓	\$82.99
NOVC3410	SS 10.5 Pro Brushless Motor.....✓	82.99
NOVC3413	SS 13.5 Pro Stock Brushless Motor.....✓	79.99
NOVC3419	Crawler 18.5 Sintered Brushless Motor...✓	82.99
NOVC3424	HV 4.5 High-Voltage Brushless Motor...✓	114.99

Stock #	Description	Tower
NOVC3426	HV 6.5 High-Voltage Brushless Motor...✓	\$114.99
NOVC3430	EX 8.5 Extreme Sport Brushless Motor...✓	59.99
NOVC3431	EX 10.5 Extreme Sport Brushless Motor...✓	59.99
NOVC3432	EX 13.5 Extreme Sport Brushless Motor...✓	59.99

ASSOCIATED MOTORS

Reedy's **TiWorld** modified motors provide maximum power, a broader torque band and a longer comm than the original Ti series. They feature an improved brush vibration damping system, heavy-duty solder tabs and dual bearings for better performance and longer life. The **V10**, **GT3** and **Flash Modifieds** all feature machine-wound armatures, installed capacitors and stand-up brushes. V10 and Flash Modifieds also feature adjustable timing and dual bearings. Brushless **LRP Vector** series motors feature a sensorless design, adjustable timing, a military spec-bonded neodymium magnet and oversized low-friction bearings. Also available: **Sphere ESC/Vector** combinations.

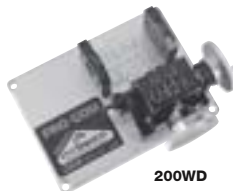


21210

		RETAIL	TOWER
ASCC0220	220 Ti World Ed Modified 14T Double...✓	95.00	59.99
ASCC0224	224 Ti World Ed Modified 10T Double...✓	95.00	59.99
ASCC0291	291 Mini-Mod 17T Motor.....✓	47.99	39.99
ASCC0292	292 Mini-Mod 19T Motor.....✓	47.99	39.99
ASCC0410	410 Flash Modified 12T Double.....✓	56.99	39.99
ASCC0411	411 Flash Modified 13T Double.....✓	56.99	39.99
ASCC0412	412 Flash Modified 14T Double.....✓	56.99	39.99
ASCC0413	413 Flash Modified 15T Double.....✓	56.99	39.99
ASCC0414	414 Flash Modified 17T Double.....✓	56.99	39.99
ASCC0513	513 Reedy Spec 19T Quad Magnet.....✓	54.95	39.99
ASCC0514	514 Reedy Quad 19 Dyno Version.....✓	59.95	39.99
ASCC0767	767 Competition Stock Motor Brush.....✓	3.50	2.89
ASCC1093	21093 FT 18T Blue Alm Motor Mount.....✓	14.99	13.79
ASCC1210	21210 Super 370 18MT.....✓	11.99	10.99
ASCC2298	298 Reedy MVP Stock Rebuildable Motor.....✓	40.00	27.99
ASCC2299	299 MVP Stock Plus Rebuildable.....✓	40.00	27.99
ASCC2637	765 Reedy Laydown Stock Brush 72S.....✓	4.00	3.99
ASCC2900	290 Reedy SP19 Stump Puller Motor.....✓	44.99	34.99
ASCC3282	3282 TC3 Blue Radial Clip-On Heat Sink Long.....✓	13.00	11.99
ASCC3934	3934 3mm Button Head Motor Screws.....✓	2.00	1.90
ASCC5219	LRP52019 Fusion High Speed Micro Motor.....✓	44.99	32.99
ASCC5661	LRP50661 LRP Vector X-11 7.5T Motor.....✓	129.99	75.99
ASCC5671	LRP50671 LRP Vector X-11 6.5T Motor.....✓	129.99	75.99
ASCC5681	LRP50681 LRP Vector X-11 5.5T Motor.....✓	129.99	75.99
ASCC5691	LRP50691 LRP Vector X-11 4.5T Motor.....✓	129.99	75.99
ASCC5709	LRP57093 LRP V10 Spec 4 Motor 9T Double.....✓	39.99	29.99
ASCC5710	LRP57105 LRP V10 Spec 4 10T Double.....✓	39.99	29.99
ASCC5712	LRP57123 LRP V10 Spec 4 12T Double.....✓	39.99	29.99
ASCC5714	LRP57143 LRP V10 Spec 4 14T Double.....✓	39.99	29.99
ASCC5717	LRP57173 LRP V10 Spec 4 17T Double.....✓	39.99	29.99
ASCC5810	LRP58103 LRP GT3 Turbo Motor 10T Double.....✓	29.99	26.29
ASCC5812	LRP58123 LRP GT3 Turbo Motor 12T Double.....✓	29.99	24.99
ASCC5814	LRP58173 LRP GT3 Turbo Motor 17T Double.....✓	29.99	24.99
ASCC5815	LRP58193 LRP GT3 Turbo Motor 19T Double.....✓	29.99	24.99
ASCC6224	9624 17T RTR Motor B4.....✓	15.99	14.79
ASCC6598	LRP80598 Sphere Comp ESC/Vector X-11 5.5T.....✓	439.99	254.99

TEAM COBRA PRO COMMUTATOR LATHE & BIT

True comms within 0.0002" of perfection with this **Pro Com Lathe w/Diamond Bit** (200WD). It's anodized aluminum-coated to eliminate corrosion and enhance appearance, and has a wide base for added stability. Crank is located opposite the motor for easier handling. Includes diamond bit, which is also available separately. Requires stock or modified drive motor.



200WD

		RETAIL	TOWER
C+MC9041	2000D Pro Lathe 2000 Diamond Bit.....✓	85.00	74.99
C+MC9060	200WD Pro Com Lathe w/Diamond Bit.....✓	269.95	159.99

CASTLE CREATIONS MOTOR SYSTEMS

Blow the other racers away with Mamba brushless packages for 1/10 and 1/18 scale vehicles. All Mamba ESCs feature the ability to fine-tune critical settings for optimum performance using the Castle Link USB system. Castle's Mamba motors feature premium sintered ne rotors and sealed, 100,000 hour bearings for unbelievably maintenance-free power run after run. Offered in a number of KV (rpm per volt) choices.



MMBMAX-CMS5700

CSEC2054	CM2054 Mamba Brushless Motor 5400KV...✓	59.95	50.99
CSEC2068	CM2068 Mamba Brushless Motor 6800KV...✓	59.95	50.99
CSEC2080	CM2080 Mamba Brushless Motor 8000KV...✓	129.95	67.99
CSEC4600	CMs-4600 540 4600KV Motor.....✓	99.00	84.99
CSEC5700	CMs-5700 540 5700KV Motor.....✓	99.00	84.99
CSEC5900	CMs-5900 36mm 5900KV Motor.....✓	99.00	84.99
CSEC7700	CMs-7700 540 7700KV Motor.....✓	99.00	84.99
CSEM2021	MMB25-CM2021 1/18 Mamba Brushless Sprt Car.....✓	139.95	118.99
CSEM2022	MMB25-CM2054 1/18 Mamba Brushless Performan...✓	139.95	118.99
CSEM2023	MMB25-CM2068 1/18 Mamba Brushless Comp Pack...✓	139.95	118.99
CSEM2024	MMB25-CM2080 1/18 Mamba Brushless Comp Pack...✓	159.95	135.99
CSEM4600	MMBMAX-CMS4600 Mamba Max ESC/4600KV Mtr C...✓	249.00	211.99
CSEM5700	MMBMAX-CMS5700 Mamba Max ESC/5700KV Mtr C...✓	249.00	211.99
CSEM6900	MMBMAX-CMS6900 Mamba Max ESC/6900KV Mtr...✓	249.99	212.99
CSEM7700	MMBMAX-CMS7700 Mamba Max ESC/7700KV Mtr...✓	249.00	212.99

CUSTOM WORKS MOTORS & ACCESSORIES

Competition-ready **Truespeed Motors** are developed, tested and assembled by World Champion motor builder Jim Dieter, so you know they're high quality! Motors feature a diamond-trued commutator, dual bearings, a V2 endbell setup, adjustable timing, surface mount capacitors and installed race brushes. Also available: **Mount Plates**.



TS0191

		RETAIL	TOWER
CSWC0191	TS0191 Truespeed 19 Turn Modified Oval...✓	65.00	56.99
CSWC0161	TS1061 Truespeed 6 Single Mod Oval/Drag...✓	95.00	64.99
CSWC1092	TS1092 Truespeed 9 Double Mod TC/Oval...✓	95.00	64.99
CSWC1131	TS1131 Truespeed 13 Single Mod Oval...✓	95.00	64.99
CSWC2225	2225 Motor Mount Plate GBX.....✓	19.00	17.49
CSWC3270	3270 Motor Mounts GSX.....✓	25.00	21.99
CSWC8020	8020 Aggressor Motor Pod Plate.....✓	22.00	19.29

EPIC MOTORSPORTS MOTORS

For quality motors, look no further than Epic! The **Binary 2 Outlaw Pro** features P-94 dual shunt pro brushes, which carry more current and last up to four times longer than normal brushes. The **ROAR Stock Motor** is not only fast — it's also ROAR- and ARCOR-legal. It features a diamond-trued comm, aligned brush hoods, upgraded brushes and heavy-duty springs. **Shock 2** motors feature a vented can, a billet aluminum heatsink endbell and brush holders for added heat protection. 3 internal capacitors also eliminate soldering and damage.



EP1166

EPXC1103	EP1103 Binary 2 Outlaw Pro Motor.....✓	39.99	34.99
EPXC1112	EP1112 ROAR Rebuildable Stock Pro Motor.....✓	39.99	34.99
EPXC1166	EP1166 X Pro Stock Motor ROAR/ARCOR Specs...✓	45.99	37.99
EPXC1167	EP1167 XX Pro Stock Motor w/Ball Bearings...✓	59.99	49.99
EPXC1301	EP1301 Stock Motor Bushing Oil.....✓	6.50	6.19
EPXC3111	EP3111 Shock 2 Off-Road Buggy 13T Dbl Motor...✓	110.00	79.99
EPXC3117	EP3117 Shock 2 4WD Off-Road Buggy 10T Motor...✓	110.00	79.99
EPXC3119	EP3119 Shock 19T Spec Modified Motor.....✓	65.00	59.99