

innovation

MCD
Racing

heritage

precision

1/5 SCALE 4WD GAS POWERED RC CARS

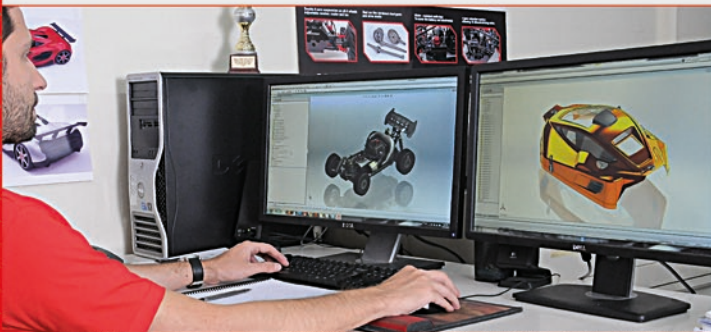
www.MCDRACING.COM



MCD Racing Brand Values

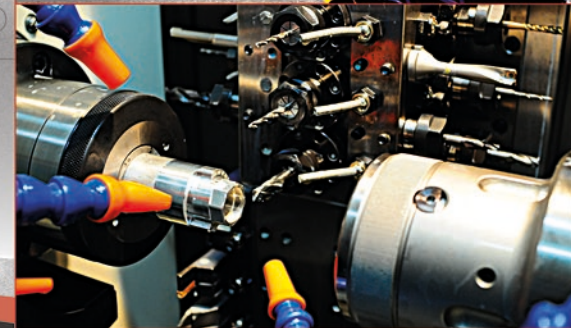
Innovation

Ever since it was founded, MCD Racing has been a research factory, where technological solutions for producing the best large scale 4WD RC car have been designed and constructed. Today the research and development unit is itself a centre of excellent reputation for the study of RC experience, thanks to its multidisciplinary approach covering physics, geometry, chemistry, ergonomics, styling and computer science.



Competitive Development & Manufacturing

In-house manufacturing is an essential characteristic of the MCD brand values. Pace is not only important on the tracks but also on the development process. Our agility in manufacturing allows us to optimize our products rapidly with a high standard of precision and quality. This process is a result of a high-end collaboration between our R&D department and manufacturing that is adapting constantly to the latest manufacturing technologies.



durability

The Winning Experience



We observe the racers and gather information from the tracks, with this information we rapidly develop new race-oriented ideas and re-implement them into our race machines. This is the experience behind this cycle that leads us at the championships.

2WAY ADAPTIVE SMART
POWER TRANSMISSION

4WD Drive Train

Since its establishment in 1990, MCD has focused on manufacturing 4WD cars only hence the MCD's are unrivalled; proven by the glorious victories all around the world.

World's first 4WD 1/5,
World's first 1/5 shaft driven RC,
World's first convertible large scale platform...
For 20 years, in MCD, we are combining our experience with innovation. As a result of investing constantly on R&D, we have become a guiding company that sets the standards in the industry.

Heritage



www.MCDRACING.COM

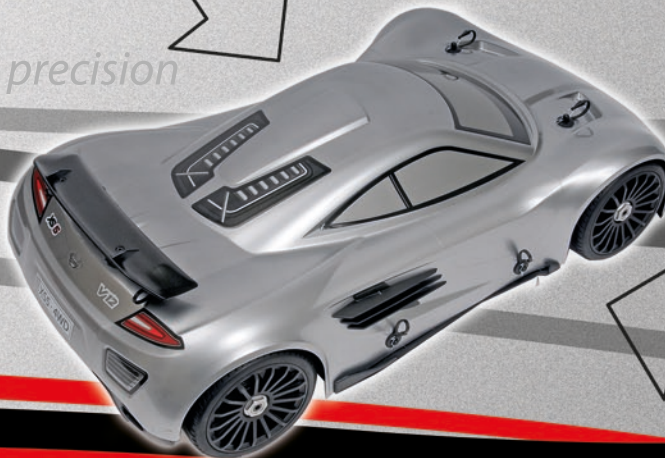
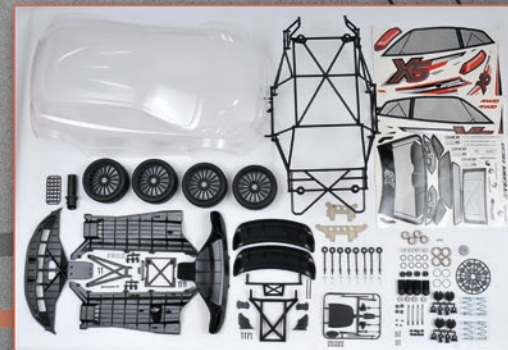
innovation

V5

1 PLATFORM 4 CARS

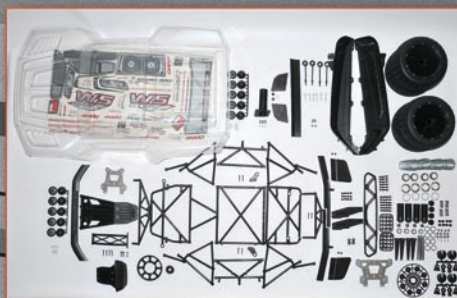
CONVERTIBILITY

A unique characteristic of MCD Racing is the ability to convert the cars easily. With the V5 Platform regardless of which model you have, you can completely convert your car from one model to another. Even off-road on-road conversions are easily possible.



endurance

heritage



www.MCDRACING.COM

All designs are patented

THE V5 PLATFORM

Brake System

Top of the line powerful and reliable MCD central brake system is in service for years.

Electronics Tray

One-piece electronics tray houses all of the electronic components including an optional rear brake servo slot.

Steering

The RR5 steering gives a wide range of set-up abilities.

control

Shock Absorbers

The shocks provides increased wheel travel to keep the wheels on the track. The optional Internal High Pressurized Cell™ System approves MCD's contribution to the RC Racing arena.

durability

Differential Housing

You can access to all 3 differentials easily.

Exhaust

The Barracuda Tune Pipe is optimized for RR5 with maximum torque and horsepower possible.

Air Filter

The Viper Air Filter is designed for the smoothest air flow possible.

Fuel Tank

The RR5 fuel tank provides optimum solutions for extreme race conditions.

Chassis - Drive Train

The CNC machined 4mm 7075 aluminum RR5 chassis housing the unrivalled 4 WD MCD drive train is designed to obtain optimized stiffness, strength and weight. **Stiff** enough to harmoniously counter-react against the stresses and forces transmitted from the race tracks, **strong** enough to endure and **lightweight** enough to win. The alloy drive train parts are optional. The 7075 aluminum chassis is standart with the FT versions.

precision

heritage

2 WAY ADAPTIVE SMART POWER TRANSMISSION

innovation

endurance





Differentials

The advantage of a LSD is in conditions where one wheel has no or less contact with the ground, the torque transmitted will be equal at both wheels. A limited-slip differential helps keeping both wheels in powered rotation. LSD torque can be changed with 60, 90 and 120 ramp pads which are available as option.

REAR HUB



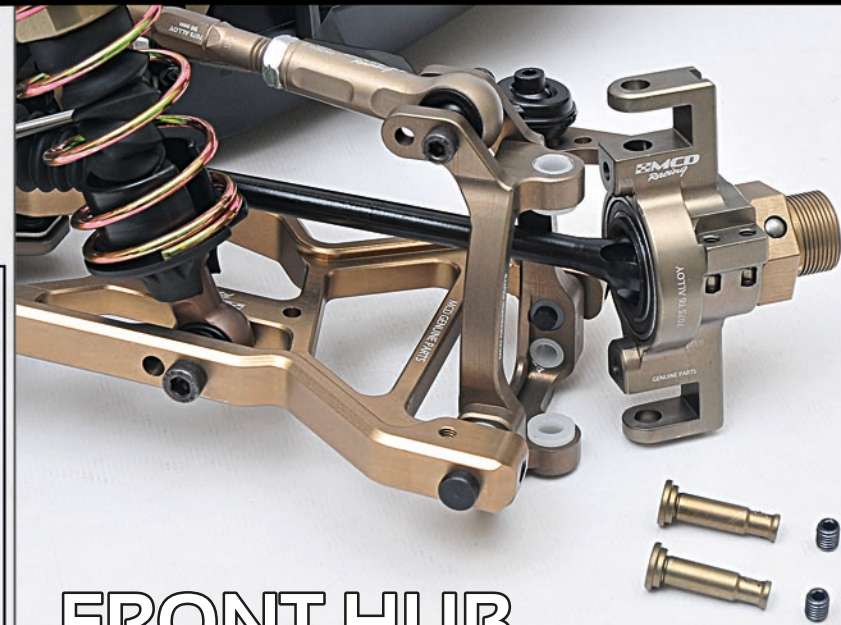
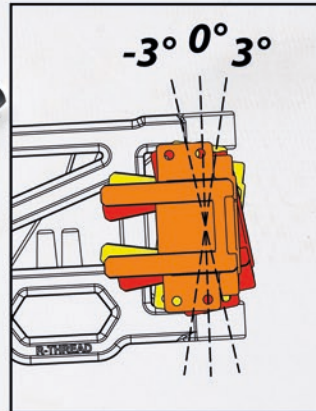
REAR ROLL CENTER & OUTBOARD TOE ADJUSTMENT

Adjusting out-board toe-in helps stabilizing rear traction. Toe inserts are available in four different angle: 0° 1° 2° 3°. They can be used on both left&right and inside&outside.

Hub can be used on both left and right of the car.

Roll center generates traction on loose surface.

OUTBOARD TOE ADJUSTMENT



FRONT HUB

Can be used on both sides

All MCD tires come with diverse compounds that work better under different circumstances.

TIRES & WHEELS



Xross-Max Bite
Short Course Gravel

Block Stud
Loose Gravel

Micro Stud
Medium Gravel

Dirt-Xross
Compact Gravel

Astro-Max
Astro Turf Wet

Astro-Grip
Astro Turf Dry

180mm Asphalt Dry

EASY GEAR MESH SYSTEM

Change and adjust gear ratio rapidly and easily

FRONT SUSPENSION ASSEMBLY

The front suspension assembly can be disassembled by removing 10 screws.

CHASSIS BRACES

The integrated braces significantly increase the rigidity of the chassis

ANTI-ROLL BAR WITH BALL BEARINGS

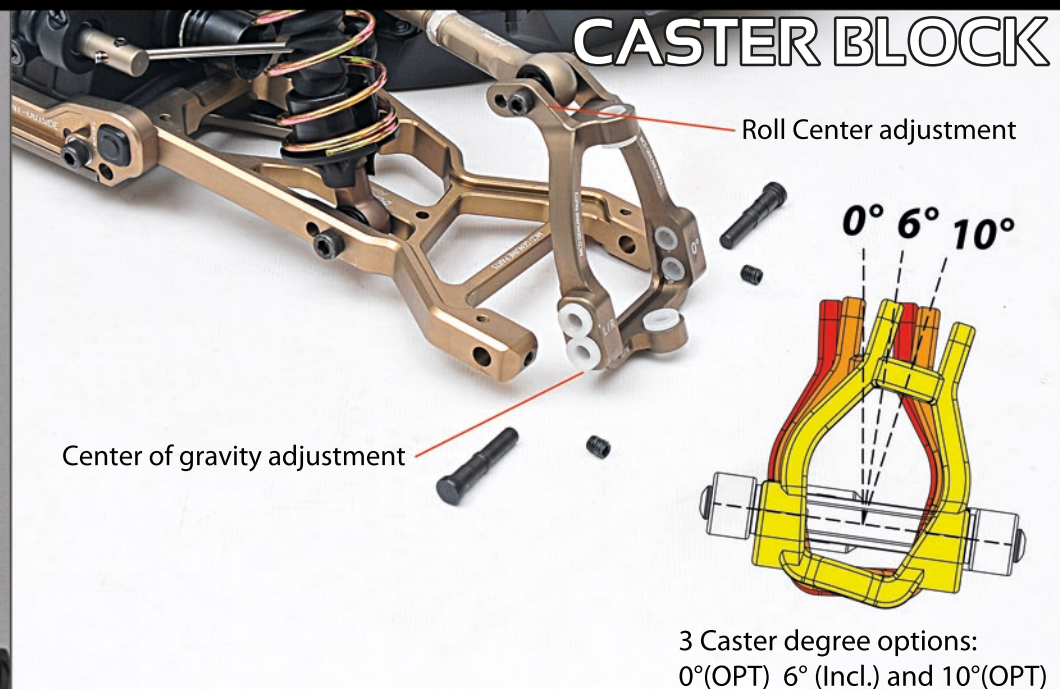
3 thickness options: 2.5mm 3mm and 3.5mm
Easy to remove and assemble ball bearings.

SHOCK ABSORBERS

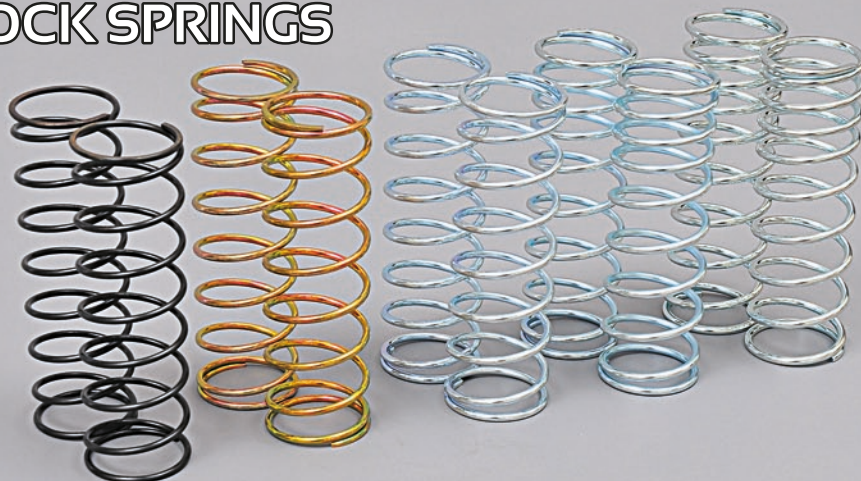


High Pressurized Cell Shocks

A unique suspension feature by MCD is the Internal High Pressure Cell™ System prevents oil foaming in long periods of running conditions.



SHOCK SPRINGS



321205S(OPT)

321204S(OPT)

321201S(Incl.)

321202S(OPT)

321203S(OPT)

SOFT

C=8.5kg @ 65mm
2.3mm

C=12kg @ 65mm
2.5mm

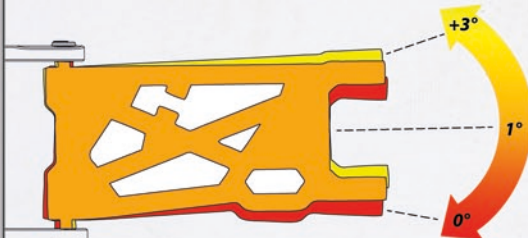
C=14kg @ 65mm
2.7mm

C=17kg @ 65mm
2.8mm

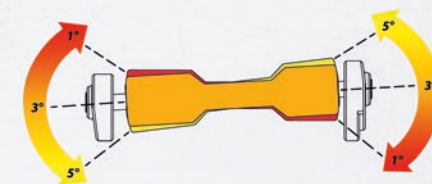
HARD

C=20kg @ 65mm
3mm

REAR SQUAT & INBOARD TOE ADJUSTMENT



INBOARD TOE ADJUSTMENT



SQUAT ADJUSTMENT

SERVO MOUNTING OPTIONS



There are several servo mounting configurations:

- Single or double steering servo
- Single or double throttle/brake servo for f&r brake balance.



The unique double ball lid system prevents the leakage when rolled over while lets air in&out.

Smart partition system blocks fuel centrifugal forces.

FUEL TANK

Convenient hose bosses.



The bottom surface inclination lets the last drop of the gas to be used inside the tank.



The Pro-Bite is developed to give more power and increased flexibility to the racers on track. Some technical advantages are on power rapid engagement and quick release. Using clutch discs instead of clutch shoe provides more traction by increasing the contact surface. Clutch discs also reduce the slip that help decreasing the heat on the clutch house considerably. Another advantage of the Pro-Bite over the traditional frictional clutches is that the engagement weight do not sustain friction so they don't wear during the race. As a result a consistent engagement point obtained from the beginning to the end of the race. (optional part)



One piece 0.6mm stamped CNC welded steel pipe design. The lightweight design of the pipe is optimized for maximum performance and silence.

RR5 - A step further towards the evolution of a race machine.

The RR5, is the intersection point of the core values that have created our brand. Aimed at our enthusiasts, RR5 is a supreme race machine which embraces advanced solutions that came out of the profound observations and analysis of the races.

RR5

heritage

durability

power

The RR5 Factory Team Features

Top of the line competition off-road buggy • Easy assembly/dis-assembly • Easy maintenance • Centralized and compacted parts layout on chassis • Elite racing design ultra-durable high performance parts • Fifth generation chassis & suspension arms • Sophisticated full-time 4WD Shaft Driven mechanics • Ultra strengthened chrome drive shaft and axle • New easy gear mesh system • Easily removable one-piece electronics tray • CNC machined light-weight 7075 aircraft alloy chassis • Strengthened long wishbones • Solid and durable side guards • Easily removable composite front, rear and center diff houses • Ultra durable front and rear adjustable brake system • Rear-brake only servo slot • 8mm light-weight 7075 air craft alloy front and rear towers • Optimized multiple shock mounting holes • Coil-over extended composite shock absorbers with High Pressurized Cell™ System • Ultra hardened steel transmission gears • Bearing anti-roll bars • No-Stress-Effect polyamide front and rear bumper • New ball cup-joints • Improved brake linkage • Super-Cooling RR5 air ventilation system • Viper Racing Air Filters • Barracuda G performance exhaust improved for V5 (Optional) • Adjustable CG • Adjustable weight distribution • Molded fuel tank with shake absorbing separators • Front/rear/central 90° ramp self locking diffs • Fully composite body accessories • Rear wishbones mud guard • Drive and shock shaft boot

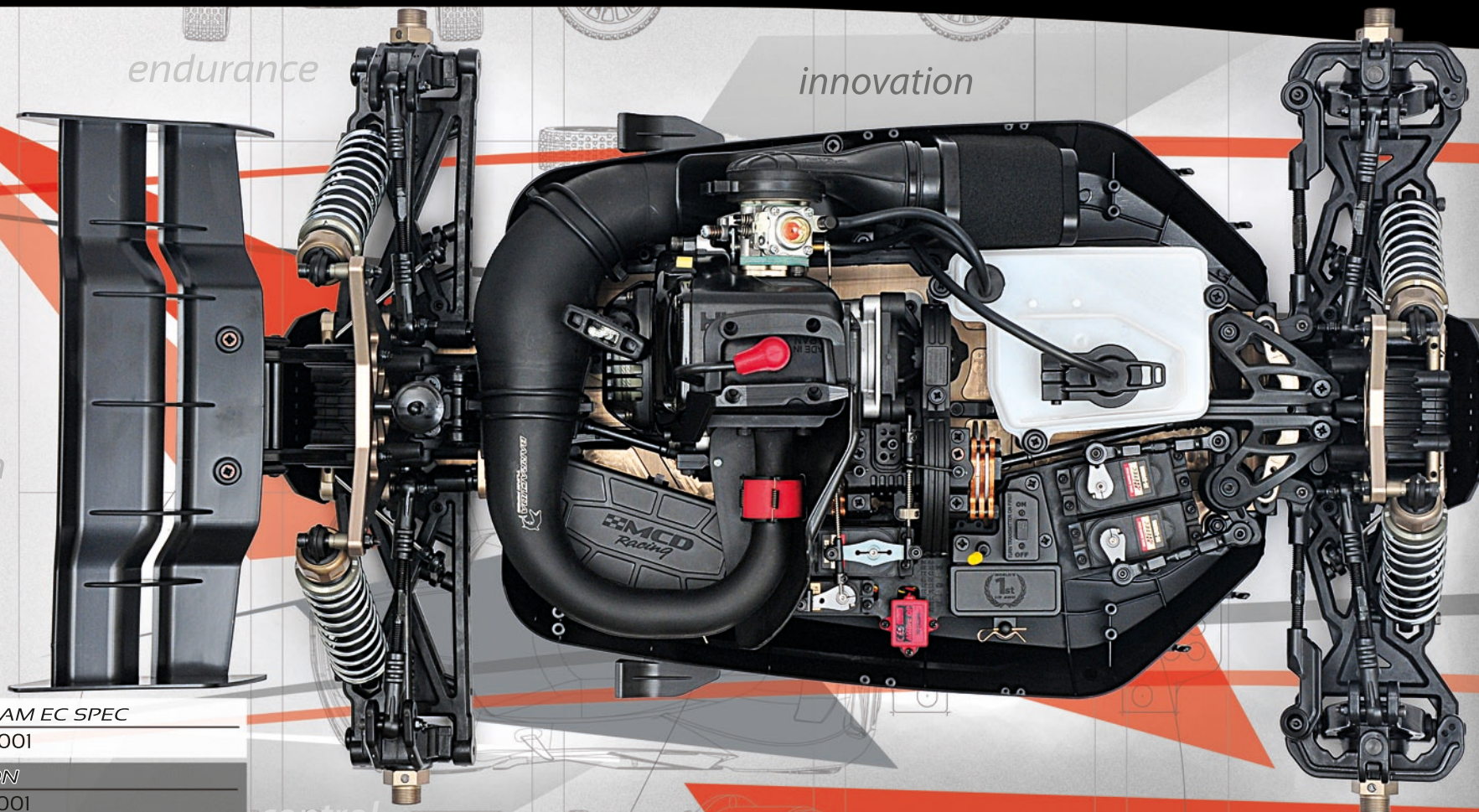
Technical Specifications

Length	: 825 mm
Width	: 470 mm
Overall height	: 340 mm
Ground clearance	: 25-85 mm
Weight	: 12.4kg-12.8kg (depending on equipment installed)
Wheelbase	: 549-565 mm (Adjustable)
Trackwidth	: 402 mm
Chassis material	: T6 Alloy (4mm)
Suspension	: Non-parallel non-line independent
Caster angle	: 18° (14° - 20° Adjustable)
Camber angle	: Adjustable
Toe angle	: In-board and out-board adjustable
Anti-squat	: 3°
Kick-up	: 8°-10° (Adjustable)
Shock absorber	: Coilover Oilfilled with 2nd Floating Piston
Transmission	: Full-Time 4WD Shaft driven
Gear ratio	: 9.14:1 (18 available 7.44:1 to 10.67:1)
Tyre size	: 68x180 mm (Micro-Stud Ultra Grip Compound)

endurance

innovation

precision



control



RR5 FACTORY TEAM EC SPEC

Order Code: 00513001

RR5 COMPETITION

Order Code: 00512001

Please visit www.mcdracing.com for more info on RR5 Competition



EASY ACCESS TO DIFFERENTIALS



AERODYNAMIC WING AND BODY SHELL

www.mcdracing.com

All designs are patented

Some parts (engine, exhaust and radio gear) shown on the pictures are for photographing purposes only and not included in the car.
Required for operation (not included): Engine, 2 ch. Radio, 2x steering servos, 1 throttle/break servos

RR5 ULTIMATE

CAB-FORWARD

innovation



power

The RR5 Ultimate CF

We proudly present our top of the line Racing Spec Buggy the RR5 Ultimate CF. The Ultimate is developed by the huge demand we have been receiving from our fans for years.

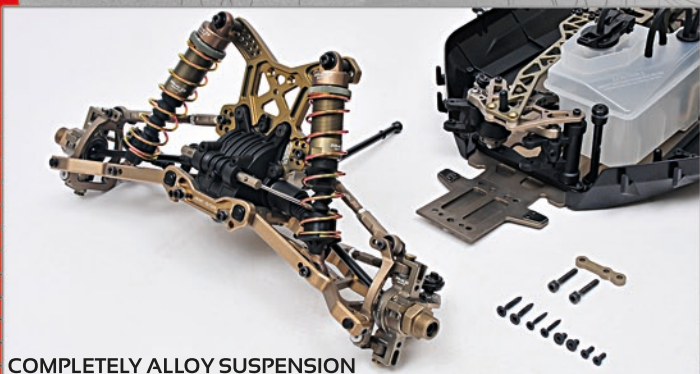
The Ultimate version is including all of the optional alloy upgrade parts that are developed by the MCD Racing Engineering Department. The parts were used and tested by MCD Racing Team Drivers during many races including the Euro Championships.

Technical Specifications

Length	: 825 mm
Width	: 470 mm
Overall height	: 340 mm
Ground clearance	: 25-85 mm
Weight	: 12.8kg-13kg (depending on equipment installed)
Wheelbase	: 549-565 mm (Adjustable)
Trackwidth	: 402 mm
Chassis material	: T6 Alloy (4mm)
Suspension	: Non-parallel non-line independent
Caster angle	: 18° (14° - 20° Adjustable)
Camber angle	: Adjustable
Toe angle	: In-board and out-board adjustable
Anti-squat	: 3°
Kick-up	: 8°-10° (Adjustable)
Shock absorber	: Coilover Oilfilled with 2nd Floating Piston
Transmission	: Full-Time 4WD Shaft driven
Gear ratio	: 9.14:1 (18 available 7.44:1 to 10.67:1)
Tyre size	: 68 x 180 mm (Micro-Stud Ultra Grip Compound)

The RR5 Ultimate CF Limited Edition Features

Top of the line competition off-road buggy • Racing Cab-forward body shell • Easy assembly/dis-assembly • Easy maintenance • Centralized and compacted parts layout on chassis • Elite racing design ultra-durable high performance parts • Fifth generation chassis & suspension arms • Sophisticated full-time 4WD Shaft Driven mechanics • Ultra strengthened chrome drive shaft and axle • Easy gear mesh system • Easily removable one-piece electronics tray • CNC machined light-weight 7075 aircraft alloy chassis • Strengthened long wishbones • Solid and durable side guards • Easily removable composite front, rear and center diff houses • Ultra durable front and rear adjustable brake system • Rear-brake only servo slot • 8mm light-weight 7075 air craft alloy front and rear towers • Optimized multiple shock mounting holes • Coil-over extended composite shock absorbers with High Pressurized Cell™ System • Ultra hardened steel transmission gears • Bearing anti-roll bars • No-Stress-Effect polyamide front and rear bumper • New ball cup-joints • Improved brake linkage • Super-Cooling RR5 air ventilation system • Viper Racing Air Filters • Barracuda G performance exhaust improved for V5 • Adjustable CG • Adjustable weight distribution • Molded fuel tank with shake absorbing separators • Front/rear/central 90° ramp self locking diffs • Fully composite body accessories • Rear wishbones mud guard • Drive and shock shaft boot

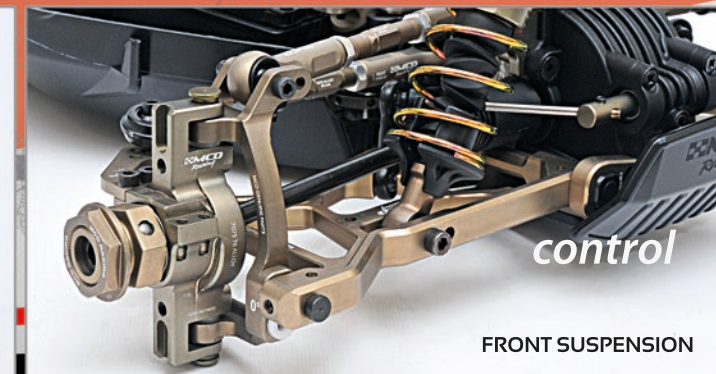


COMPLETELY ALLOY SUSPENSION



REAR SUSPENSION

durability



FRONT SUSPENSION

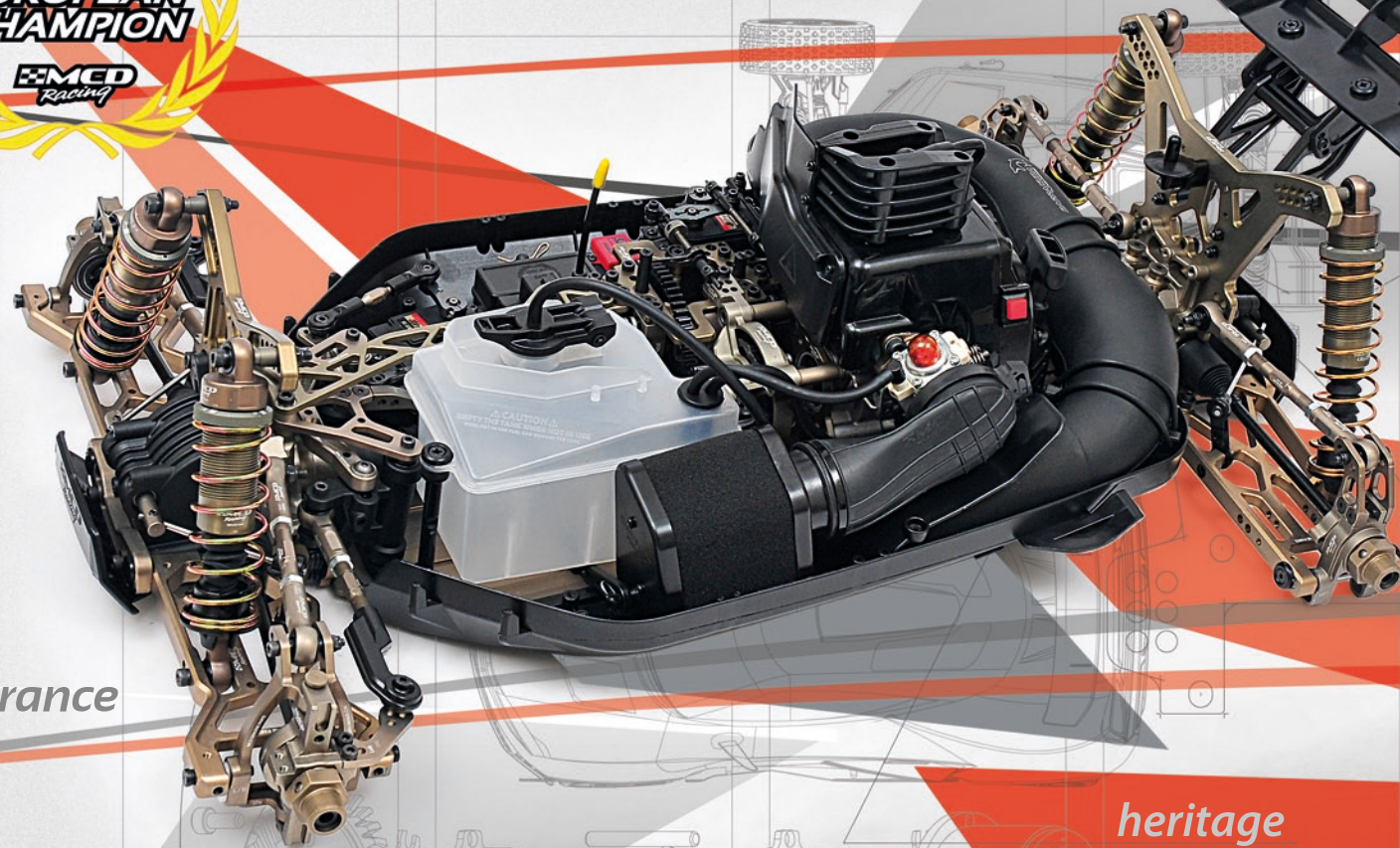
control

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precision

MCD
Racing



Ultimate Included Parts:

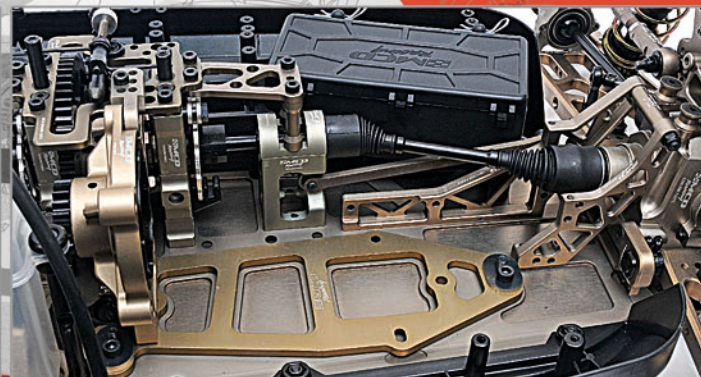
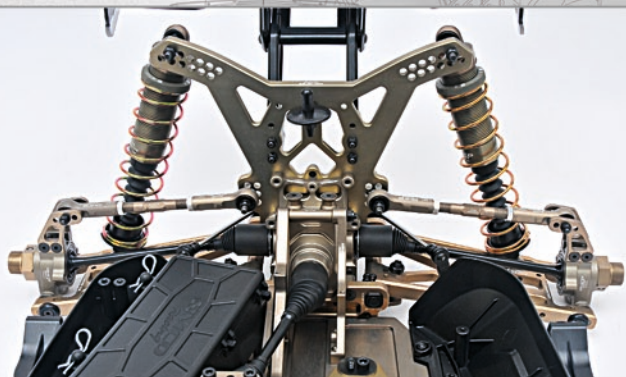
- 200402A LSD Diff. Case Alloy
- 260102S Brake Disc LightWeight ABS
- 290101X Pro-Bite Racing Clutch
- 300107X F/R Wishbone Alloy Set Complete
- 300603A Front Hub Alloy Set L/R
- 300604A Rear Hub Alloy Set L/R
- 300704A L/R Caster Block Set 0 Deg.Alloy
- 301204X Rod-end Lightweight Turnbuckle Set Alloy
- 320302A Rear Shock Absorber Body Alloy
- 320402A Front Shock Absorber Body Alloy
- 320502A Upper Shock Absorber Joint Cup Alloy
- 320503A Lower Shock Absorber M5 Joint Alloy
- 340102A Alloy M8 Upper Wishbone Rose Joint L/R Thread
- 380102A Servo Saver Alloy Upper Arm
- 381002A Steering Servo Turnbuckle Alloy
- 415102A Front/Rear Diff. House Inner Alloy
- 415202A Center Diff.Holder Set Alloy
- 415302A Brake Plate Alloy
- 415402A Lay Shaft Carrier Alloy Set
- 415502A Clutch Bell Carrier Alloy
- 415701A Engine Clutch House Alloy
- 445102A Front Stiffener Alloy
- 445202A Rear Stiffener Alloy Set
- 445301A Top Stiffener Alloy
- 460102A Diff.House-Stiffener Spacer Alloy
- 725302A Carburetor / AirFilter Venturi Alloy
- 725801X Air Box Intake Silencer
- 750601X Barracuda G Performance Exhaust Set



RR5 Ultimate

Order Code: 00514001

heritage



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All designs are patented

Some parts (engine, exhaust and radio gear) shown on the pictures are for photographing purposes only and not included in the car.
Required for operation (not included): Engine, 2 ch. Radio, 2x steering servos, 1 throttle/break servos

W5 MAX

ULTIMATE

endurance



durability

power

The Extended Power

The new short course truck W5 MAX is designed to comply with the EFRA Regulations. Soon after its release the W5 MAX managed to win the 2016 European Championship. The differences between the existing W5 are the extended wheel base, widened track width, new body-shell, reinforced rear alloy stiffeners, alloy lay-shaft carrier, new alloy shock towers & shock bodies and completely new long chassis. The new W5 MAX carries the W5's design language characteristics of bold and aggressive styling and translates them into an elongated, dynamic look. Viewed in profile, the W5 states a sense of poise and strength, with a unique hood scoop and huge fender arches housing large 190mm Xross-Max Series Tires and stylish wheels providing a powerful posture. The MCD W5 MAX, a powerful blend of strength, agility and beauty is the new Short Course truck for the most demanding active off-road enthusiast

Technical Specifications - Ultimate

Length	: 930 mm
Width	: 495 mm
Overall height	: 330 mm
Ground clearance	: 25-85 mm
Weight	: 14.5 - 14.9 kg (Depending on the components)
Wheelbase	: 610-625 mm (Adjustable)
Trackwidth	: 430 mm
Chassis material	: 7075 T6 Alloy (4mm)
Suspension	: Non-parallel non-line independent
Caster angle	: 8° (8° - 20° (total caster), adjustable)
Camber angle	: Adjustable
Toe angle	: In-board and out-board adjustable
Anti-squat	: 3° (Adjustable)
Kick-up	: 6°-10° (Adjustable)
Shock absorber	: Coil-over Oil-filled Internal High Pressure Cell
Transmission	: Full-Time 4WD Shaft driven
Gear ratio	: 9.14:1 (18 available 7.44:1 to 10.67:1)
Tyre size	: 68x180mm (Micro Stud Ultra Grip Compound)

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control

precision

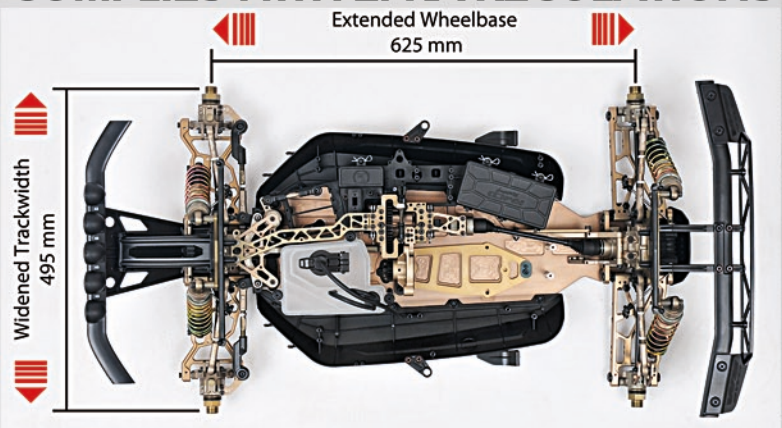
heritage



ULTRA RIGID ROLL-CAGE



COMPLIES WITH EFRA REGULATIONS



W5 MAX ULTIMATE

Order Code: 00564001

W5 MAX FACTORY TEAM SPEC

Order Code: 00563003

The W5 Factory Team Features

Top of the line competition off-road Short Course Truck • Easy assembly/dis-assembly • Easy maintenance • Centralized and compacted parts layout on chassis • Elite racing design ultra-durable high performance parts • Fifth generation chassis & suspension arms • Sophisticated full-time 4WD Shaft Driven mechanics • Ultra strengthened chrome drive shaft and axle • Easy gear mesh system • Easily removable one-piece electronics tray • CNC machined, anodized light-weight 7075 T6 aircraft alloy chassis • Strengthened long wishbones • Solid and durable side guards • Easily removable composite front, rear and center diff houses • Ultra durable front and rear adjustable brake system • Rear-brake only servo slot • 5mm light-weight 7075 air craft alloy front and rear towers • Optimized multiple shock mounting holes • Coil-over extended composite shock absorbers with High Pressurized Cell™ System • Ultra hardened steel transmission gears • Double ball bearing anti-roll bars • No-Stress-Effect polyamide front and rear bumper • Ultra durable steel ball cup-joints • Super-Cooling V5 air ventilation system • Viper Racing Air Filters with dual layer foam and thermoplastic hose • Barracuda G performance exhaust (Optional) • Adjustable CG • Adjustable weight distribution • Molded fuel tank with shake absorbing separators • Front/rear/central 90° ramp self locking diffs • Ultra rigid roll cage • Fully composite body accessories • Drive and shock shaft boot

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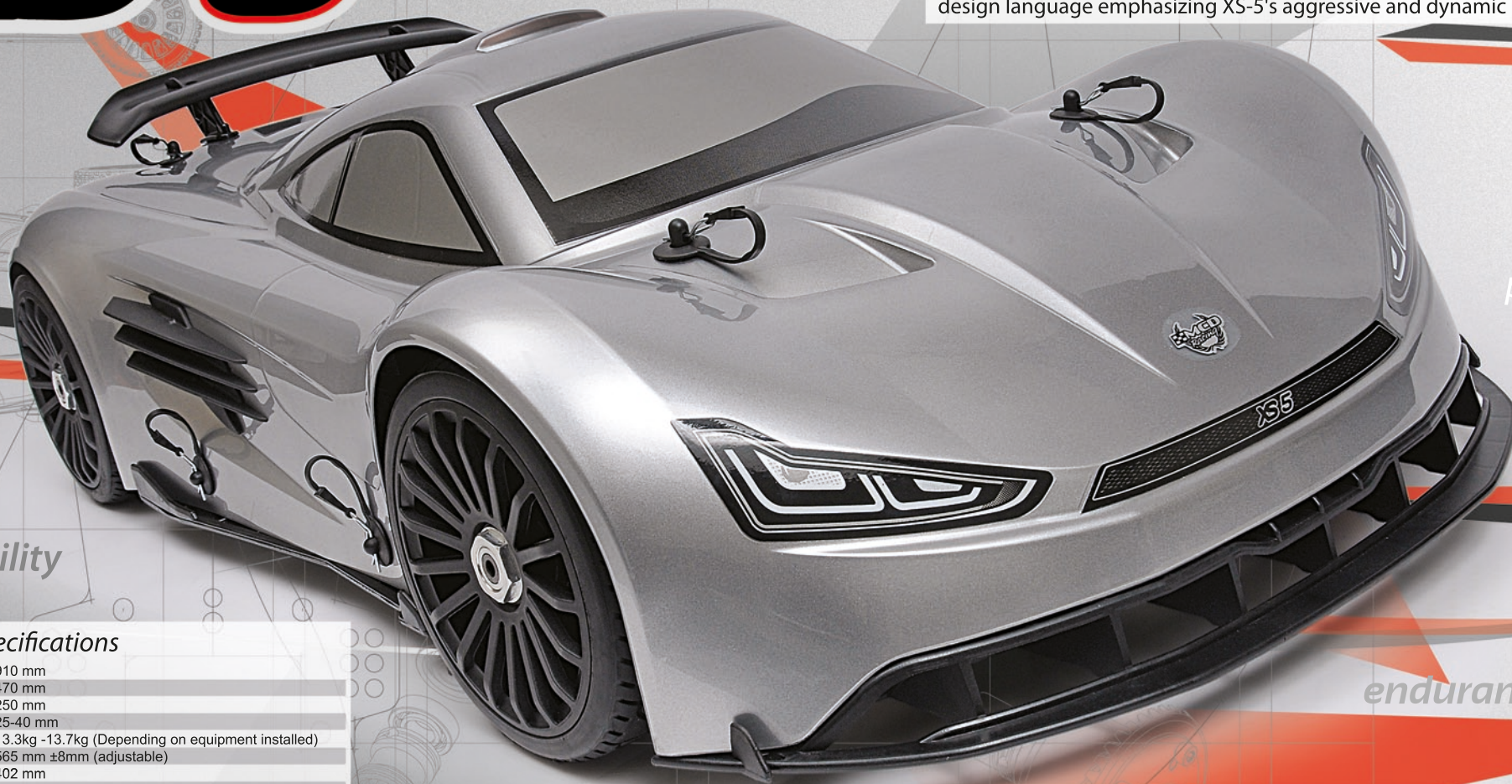
All designs are patented

Some parts (engine, exhaust and radio gear) shown on the pictures are for photographing purposes only and not included in the car.
Required for operation (not included): Engine, 2 ch. Radio, 2x steering servos, 1 throttle/break servos

XS 5

XS 5 - The pinnacle of the worlds large scale super sports car market.

Built on the proven 5 series MCD Racing chassis the XS-5 is defining the pinnacle of the worlds large scale super sports car market. The XS-5 is a precision engineering and superior handling machine combined with a unique design language emphasizing XS-5's aggressive and dynamic style.



precision

durability

endurance

Technical Specifications

Length	: 910 mm
Width	: 470 mm
Overall height	: 250 mm
Ground clearance	: 25-40 mm
Weight	: 13.3kg -13.7kg (Depending on equipment installed)
Wheelbase	: 565 mm ±8mm (adjustable)
Trackwidth	: 402 mm
Chassis material	: T6 Alloy (4mm)
Suspension	: Non-parallel non-line independent
Caster angle	: 8° - 18° adjustable
Camber angle	: Adjustable
Toe angle	: In-board and out-board adjustable
Anti-squat	: 3°
Kick-up	: 8°-10° (adjustable)
Shock absorber	: Coil-over Oil-filled with second floating piston
Rear Squat	: 5 Degrees
Transmission	: Full-Time 4WD Shaft driven
Gear ratio	: 7.88:1 (18 available 7.44:1 to 10.67:1)
Tyre size	: 65 x 160 mm (Rossa HS Ultra Grip Compound)
Engine type	: Zenoah - CY 26cc, 27cc, 29cc (not included)

The XS 5 Factory Team Features

Top of the line competition Super Sport Car • Easy assembly/dis-assembly • Easy maintenance • Centralized and compacted parts layout on chassis • Elite racing design ultra-durable high performance parts • Fifth generation chassis & suspension arms • Sophisticated full-time 4WD Shaft Driven mechanics • Ultra strengthened chrome drive shaft and axle • Easy gear mesh system • Easily removable one-piece electronics tray • CNC machined light-weight 7075 aircraft alloy chassis • Strengthened wishbones • Solid and durable aerodynamic side guards • Easily removable composite front, rear and center diff houses • Ultra durable front and rear adjustable brake system • Rear-brake only servo slot • 5mm light-weight 7075 aircraft alloy front and rear towers • Optimized multiple shock mounting holes • Coil-over extended composite shock absorbers with High Pressurized Cell™ System • Ultra hardened steel transmission gears • Bearing anti-roll bars • No-Stress-Effect polyamide front bumper • Solid and durable rear diffuser • New ball cup-joints • Improved brake linkage • Super-Cooling V5 air ventilation system • Viper Racing Air Filters • Barracuda G performance exhaust improved for V5 (Optional) • Adjustable CG • Adjustable weight distribution • Molded fuel tank with shake absorbing separators • Front/rear/central 90° ramp self locking diffs • Fully composite body accessories • Drive and shock shaft boot

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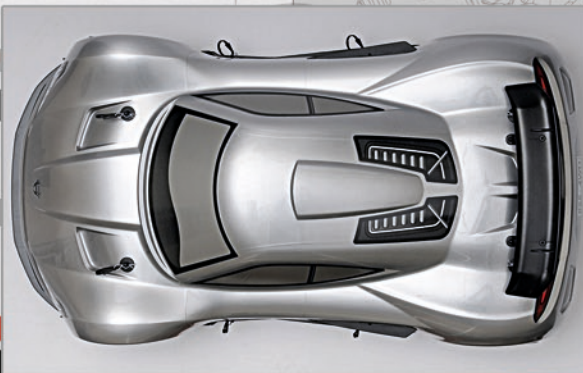
XS 5 FACTORY TEAM EC SPEC

Order Code: 00533001

XS 5 COMPETITION

Order Code: 00532001

Please visit www.mcdracing.com for more info on XS 5 Competition



AERODYNAMIC SIDEGUARDS



handling

AERODYNAMIC REAR DIFFUSER

www.MCDRACING.COM

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Required for operation (not included): Engine, 2 ch. Radio, 2x steering servos, 1 throttle/break servos

X5

innovation

The Ultimate Rallycross Experience.

The X5 Rally is the ultimate Rallycross experience built on the proven 5 series MCD Racing chassis. The X5 is an expression of MCD's meticulous approach to styling language unique to MCD Racing. Aggressive driving dynamics combined with superior handling characteristics are a result of MCD precision engineering capabilities.

The X5 includes an ultra rigid roll-cage and equipped with the finest accessories & parts such as the rear diffuser, rear wing, side, front bumper, new 160mm (6.3 inch) super-grip low profile on-road tires and new 17 spoke high performance rims. The new Rossa H5 on-road tires will be available in two different compounds; white and blue spot.

precision



The X5 Factory Team Features

Top of the line competition Rallycross Car • Easy assembly/dis-assembly • Easy maintenance • Centralized and compacted parts layout on chassis • Elite racing design ultra-durable high performance parts • Fifth generation chassis & suspension arms • Sophisticated full-time 4WD Shaft Driven mechanics • Ultra strengthened chrome drive shaft and axle • Easy gear mesh system • Easily removable one-piece electronics tray • CNC machined light-weight 7075 aircraft alloy chassis • Strengthened wishbones • Solid and durable aerodynamic side guards • Easily removable composite front, rear and center diff houses • Ultra durable front and rear adjustable brake system • Rear-brake only servo slot • 5mm light-weight 7075 aircraft alloy front and rear towers • Optimized multiple shock mounting holes • Coil-over extended composite shock absorbers with High Pressurized Cell™ System • Ultra hardened steel transmission gears • Bearing anti-roll bars • No-Stress-Effect polyamide front bumper • Solid and durable rear diffuser • New ball cup-joints • Improved brake linkage • Super-Cooling V5 air ventilation system • Viper Racing Air Filters • Barracuda G performance exhaust improved for V5 (Optional) • Adjustable CG • Adjustable weight distribution • Molded fuel tank with shake absorbing separators • Front/rear/central 90° ramp self locking diffs • Ultra rigid roll cage • Fully composite body accessories • Drive and shock shaft boot

durability

X5 FACTORY TEAM SPEC

Order Code: 00523001

X5 COMPETITION

Order Code: 00522001

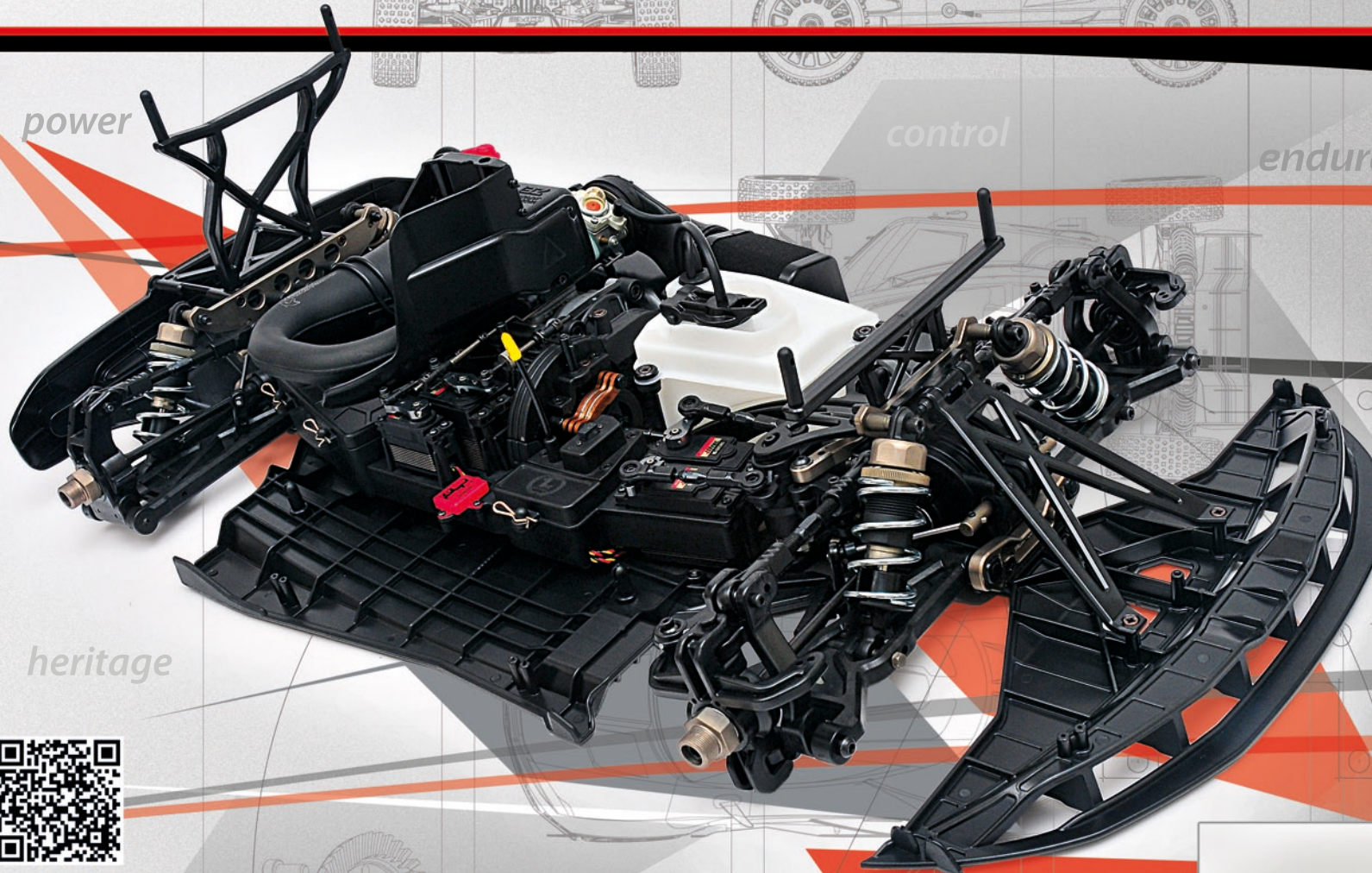
Please visit www.mcdracing.com for more info on X5 5 Competition

www.mcdracing.com

power

control

endurance



Technical Specifications

Length	: 910 mm
Width	: 470 mm
Overall height	: 330 mm
Ground clearance	: 25-40 mm
Weight	: 15kg
Wheelbase	: 565 mm ±8mm (adjustable)
Trackwidth	: 402 mm
Chassis material	: T6 Alloy (4mm)
Suspension	: Non-parallel non-line independent
Caster angle	: 8° - 18° adjustable
Camber angle	: Adjustable
Toe angle	: In-board and out-board adjustable
Anti-squat	: 3°
Kick-up	: 8°-10° (adjustable)
Shock absorber	: Coil-over Oil-filled with second floating piston
Rear Squat	: 5 Degrees
Transmission	: Full-Time 4WD Shaft driven
Gear ratio	: 7.88:1 (18 available 7.44:1 to 10.67:1)
Tyre size	: 65 x 160 mm (Rossa HS Ultra Grip Compound)
Engine type	: Zenoah - CY 26cc, 27cc, 29cc (not included)

heritage



AERODYNAMIC
REAR WINGS AND DIFFUSER



ULTRA RIGID ROLL-CAGE



UNIQUE X5 BODY SHELL

W5 SET

endurance

durability

power

W5 - The Power of Beauty

MCD W5 continues to define the large scale off-road segments with its cutting edge technology and build-quality. Technical superiority, unrivalled endurance, terrific 4WD handling and strong emotions are the qualities that have always set MCD apart in the world large scale RC scenario. The same values lie behind the W5.

W5's bold, aggressive styling is conveyed by the superior MCD quality V5 chassis. Viewed in profile, the W5 states a sense of poise and strength, with a unique hood scoop and huge fender arches housing large 190mm Xross-Max Series Tyres and stylish wheels providing a powerful posture. The W5, a powerful blend of strength, agility and beauty is the Short Course truck from MCD Racing for the most demanding off-road enthusiasts.

Technical Specifications

Length	: 880 mm
Width	: 490 mm
Overall height	: 330 mm
Ground clearance	: 25-85 mm
Weight	: 13.5kg - 14.3kg depending on equipment installed
Wheelbase	: 549-565 mm (Adjustable)
Trackwidth	: 402 mm
Chassis material	: T6 Alloy (4mm)
Suspension	: Non-parallel non-line independent
Caster angle	: 18° (14° - 20° Adjustable)
Camber angle	: Adjustable
Toe angle	: In-board and out-board adjustable
Anti-squat	: 3°
Kick-up	: 8°-10° (Adjustable)
Shock absorber	: Coilover Oilfilled with 2nd Floating Piston
Transmission	: Full-Time 4WD Shaft driven
Gear ratio	: 9,14:1 (18 available 7,44:1 to 10,67:1)
Tyre size	: 84 x 190 mm (Xross-Max)

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W5 FACTORY TEAM SPEC

Order Code: 00563001

W5 COMPETITION

Order Code: 00562001

Please visit www.mcdracing.com for more info on W5 Competition



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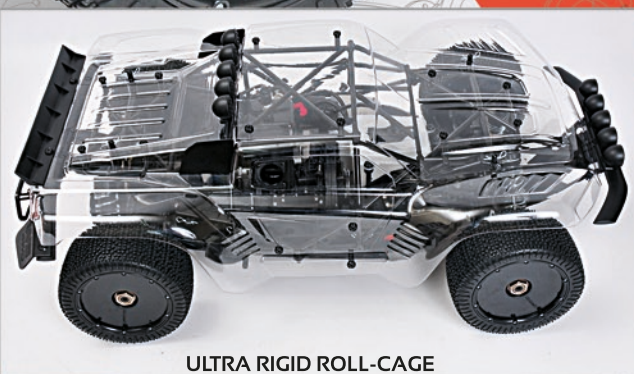
control

innovation

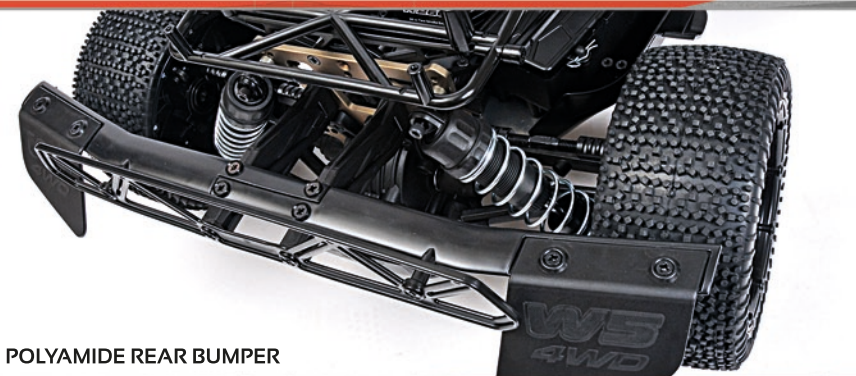
precision

The W5 Factory Team Features

Top of the line competition off-road Short Course Truck • Easy assembly/dis-assembly • Easy maintenance • Centralized and compacted parts layout on chassis • Elite racing design ultra-durable high performance parts • Fifth generation chassis & suspension arms • Sophisticated full-time 4WD Shaft Driven mechanics • Ultra strengthened chrome drive shaft and axle • Easy gear mesh system • Easily removable one-piece electronics tray • CNC machined light-weight 7075 aircraft alloy chassis • Strengthened long wishbones • Solid and durable side guards • Easily removable composite front, rear and center diff houses • Ultra durable front and rear adjustable brake system • Rear-brake only servo slot • 8mm light-weight 7075 air craft alloy front and rear towers • Optimized multiple shock mounting holes • Coil-over extended composite shock absorbers with High Pressurized Cell™ System • Ultra hardened steel transmission gears • Bearing anti-roll bars • No-Stress-Effect polyamide front and rear bumper • New ball cup-joints • Improved brake linkage • Super-Cooling V5 air ventilation system • Viper Racing Air Filters • Barracuda G performance exhaust improved for V5 (Optional) • Adjustable CG • Adjustable weight distribution • Molded fuel tank with shake absorbing separators • Front/rear/central 90° ramp self locking diffs • Ultra rigid roll cage • Fully composite body accessories • Rear wishbones mud guard • Drive and shock shaft boot



ULTRA RIGID ROLL-CAGE



POLYAMIDE REAR BUMPER

All designs are patented

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Some parts (engine, exhaust and radio gear) shown on the pictures are for photographing purposes only and not included in the car.
Required for operation (not included): Engine, 2 ch. Radio, 2x steering servos, 1 throttle/break servos

MCD
Racing

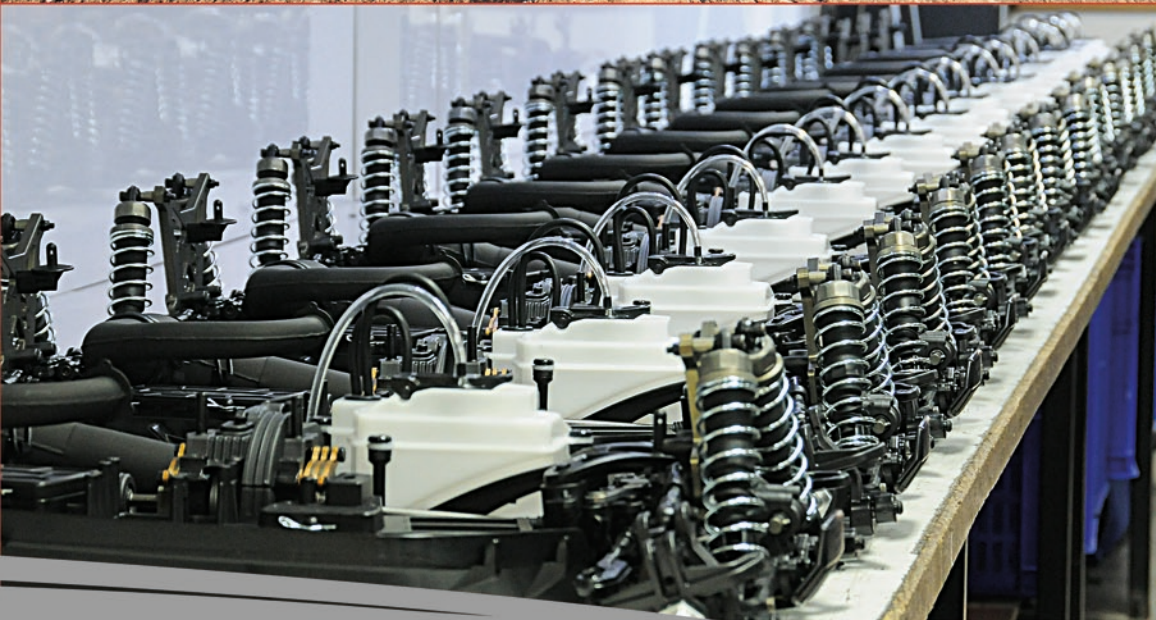
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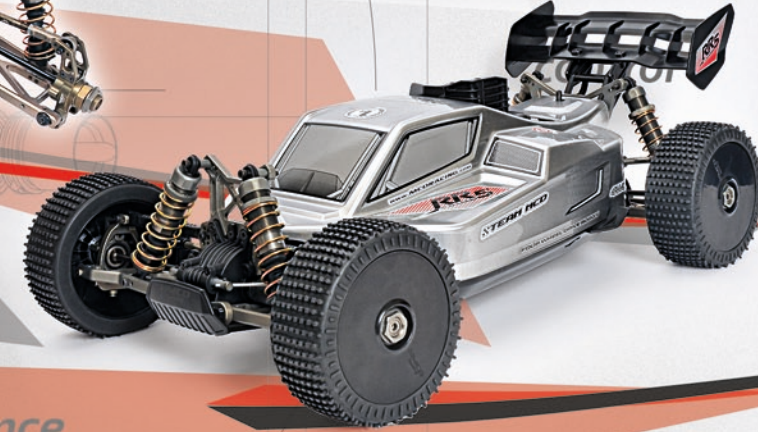
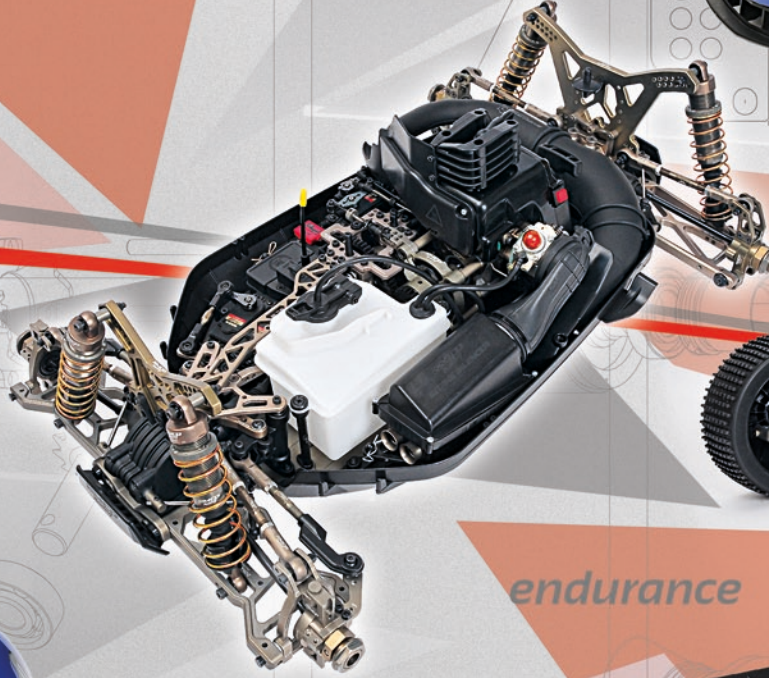
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power

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