

The image features a large, stylized 'XRAY' logo in the center. The letters are white with a thick black outline and a blue-to-yellow gradient shadow. The background is composed of dynamic, flowing lines in shades of yellow, orange, and blue, suggesting speed and motion. The overall design is energetic and modern.

# XRAY

**LUXURY MODEL RACING CARS**

**2008**



## EUROPEAN CHAMPION



To win a club race, European Championship, or USA Championship, you need a car you can trust and rely on in any racing condition. With high praise and numerous awards around the world, XRAY model racing cars constantly live up to their winning heritage... the spirit of racing... the pedigree of a true champion.

**XRAY — the champions' choice — your choice.**

## USA CHAMPION



## 1/8 OFF-ROAD BUGGY

## 1/10 ELECTRIC TOURING CAR



## RC RACING XRAY TEAM

Team XRAY is one of the world's most successful racing teams, with an extensive list of wins and achievements. Owning an XRAY product, you become a member of the worldwide network of national teams, receiving special and exclusive product support and service like the PRO drivers do. Racing an XRAY car, you can be on your way to becoming another valued member of XRAY's International Factory Team, maybe even winning a European or US Championship! Challenge your skills...enjoy the XRAY ride.

Team XRAY at 1/10 Nitro Touring Car European Championship 2007



## THE WORLD OF XRAY

The world of XRAY is one of excitement, prestige, luxury, and adrenaline-charged performance. XRAY's impressive product line offers premium quality, innovative engineering marvels and the exclusivity borne of success on the world's racetracks, a marriage of **sophistication, luxury, craftsmanship, and leading technology**. Owning an XRAY is being part of the team...the same team that has dominated races all over the world for years. XRAY and its products embody a genuine sporting spirit as well as distinctive European styling, design and quality. While we always look to the future, we will never lose sight of the values that have made XRAY what it is today... **passion, dedication, and commitment to excellence**. It's no wonder that XRAY is the top RC manufacturer in the world, backed up with the impressive list of accomplishments, awards, and wins.

**XRAY**  
THE ART OF PERFORMANCE.

PRESTIGE. ELEGANCE. LUXURY.

**XRAY's wins and accomplishments are too numerous to completely list. Aside from many others, here are the Team XRAY wins from 2007 alone:**

### 1/10 Electric Touring car:

- US Touring Champion Modified
- US Touring Champion 19T Foam
- US Touring Champion 19T Rubber
- US Touring Champion Stock
- US Touring Champion Brushless
- European Vice-Champion + TQ
- European Junior Champion
- DHI Cup Winner - Stock
- Russian National Champion & Vice-Champion
- Norwegian National Cup Winner
- US Snowbirds Nationals Champion Modified
- US Snowbirds Nationals Champion 19T Foam
- US Snowbirds Nationals Champion 19T Rubber
- New Zealand National Champion
- Norwegian National Champion Modified
- Norwegian National Champion + Vice-Champion 19T
- US Carpet Nationals Champion Modified
- US Carpet Nationals Champion + Vice-Champion 19T
- US Carpet Nationals Champion + Vice-Champion Stock
- Greek National Champion
- LRP Masters Winner Stock 17T + Stock Challenge
- Swiss National Champion + Vice-Champion
- Dutch National Champion
- US Outdoor National Champion + Vice-Champion Modified
- US Outdoor National Champion Masters
- US Outdoor National Vice-Champion Stock
- French National Champion
- Italian National Champion
- UK Junior National Champion
- US Cleveland Indoor Champion Modified
- International Swedish Friendship Race Winner
- Korean MuchMore TC Champion
- HPI/Orion Classics Winner
- Hungarian National Series Winner
- Italian Indoor Vice-Champion
- US International Indoor Champion Modified Foam
- US International Indoor Vice-Champion Modified Rubber

### 1/10 Nitro Touring car:

- USA National Champion
- European Vice-Champion + TQ
- German National Champion
- German National Vice-Champion
- EFRA GP Winner
- Swiss National Champion
- Swiss National Vice-Champion
- European Nordic Champion
- Irish National Champion
- Austrian National Champion
- Austrian National Vice-Champion
- Norwegian National Champion + Vice-Champion
- Finland's National Champion
- Irish National Champion
- South Korea National Champion
- Danish National Champion
- Dutch National Champion
- Czech Republic National Champion

### 1/8 Off-road Nitro Buggy:

- European Champion "B"
- Canadian National Champion
- Russian National Champion
- Argentina National Champion
- UK National Vice-Champion
- Portuguese National Champion
- Futaba Nitro Challenge Winner

### 1/8 Nitro Truggy:

- UK National Champion
- Indonesian National Vice-Champion
- Futaba Nitro Challenge Winner
- Korean Kyosho Masters Winner

### 1/18 Micro Car:

- US Monster Truck Champion + Vice-Champion
- US Micro Truck National Champion
- German Champion
- US Micro On-Road National Champion

Car of the Year 2001, Car of the Year 2002, Car of the Year 2003, Car of the Year 2004, Car of the Year 2005, Car of the Year 2006, World's Best Crafted Touring Car Award, World's Best Touring Car Award, World's Best Belt Driven Touring Car, World's Best Off-Road Car 2004, Buggy of the Year 2006, Reader's Choice Award, Best of 2006, Car of the Year 2007, Touring Car of the Year 2007

World's Best Touring Car Award

Car of the Year  
Reader's Choice Award

2007 Results





PURE RACING DESIGN

**2008**  
**VERSION**

**HUDDY SPRING STEEL™**  
**FRONT CVD DRIVE SHAFTS**

**INCLUDED**  
**FREE**



**NTT VICTORIES IN 2007:**

- **USA NATIONAL CHAMPION**
- **EUROPEAN VICE-CHAMPION + TQ**
- **EFRA GP WINNER**
- **EUROPEAN NORDIC CHAMPION**
- **GERMAN NATIONAL CHAMPION + VICE-CHAMPION**
- **SWISS NATIONAL CHAMPION + VICE-CHAMPION**
- **AUSTRIAN NATIONAL CHAMPION + VICE-CHAMPION**
- **NORWEGIAN NATIONAL CHAMPION + VICE-CHAMPION**
- **IRISH NATIONAL CHAMPION**
- **FINLAND'S NATIONAL CHAMPION**
- **SOUTH KOREA NATIONAL CHAMPION**
- **DANISH NATIONAL CHAMPION**
- **DUTCH NATIONAL CHAMPION**
- **CZECH REPUBLIC NATIONAL CHAMPION**

**NTT**

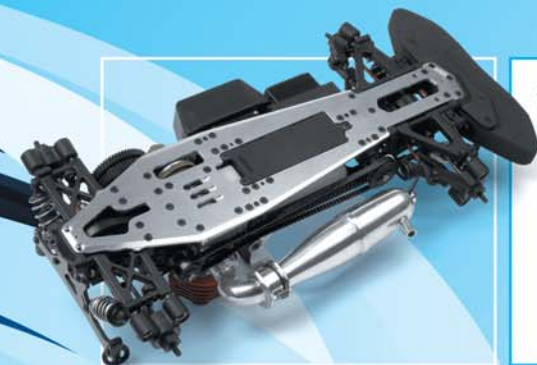
**1/10 LUXURY NITRO TOURING CAR**



Barry Baker

**USA**  
**CHAMPION**





CNC-machined 3mm **Swiss 7075 T6** chassis



Radio box with **Quick-Exchange** system for crystal



Optimized nitro touring car suspension geometry



Quick & easy access to rear differential



Quick & easy access to front differential

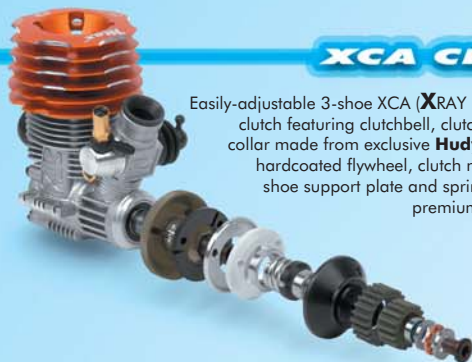
## MULTI FLEX™

Unique new Multi-Flex™ 1-piece engine mounting system allows chassis stiffness adjustment for different racing condition... another XRAY revolution!



## XCA CLUTCH

Easily-adjustable 3-shoe XCA (XRAY Centrifugal-Axial) clutch featuring clutchbell, clutch nut and preload collar made from exclusive **Hudy Spring Steel™**, hardcoated flywheel, clutch nut, preload collar, shoe support plate and spring cup made from premium **Swiss 7075 T6**.



## 2-SPEED

Precision, super-smooth 2-speed transmission features **HUDY®** shaft, **Swiss 7075 T6** gear adapters, hand-ground German 1-way and world's most precise wobble-free spur gears



## XRAY MULTI-DIFF™

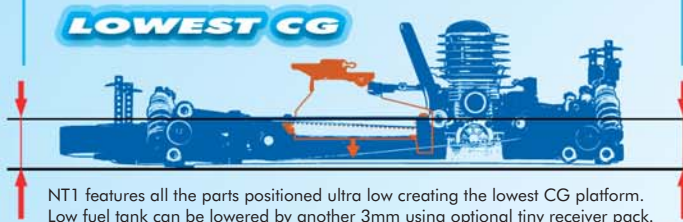
Available as option only

Unique, revolutionary front XRAY Multi-Diff™ enables 3 different easy settings:

- one-way
- one-way solid
- full-time solid axle



## LOWEST CG



NT1 features all the parts positioned ultra low creating the lowest CG platform. Low fuel tank can be lowered by another 3mm using optional tiny receiver pack.

## HIGH-PERFORMANCE PARTS



Exclusive **Hudy Spring Steel™** rear drive shafts and front CVD



Premium **Hudy Spring Steel™** adjustable turnbuckles



Quick-set 2-piece aluminum engine mounting system



**Hudy Spring Steel™** wheel axles and diff outdrives



4-step externally-adjustable racing shocks w/ selected springs



World's smallest, super-smooth, no-slip, high-durability gear differentials



High-speed lightly-oiled selected ball-bearings

• pure racing design, premium luxury quality, and **highest performance** • 2.5 mm graphite radio plate, front shock tower and roll center bridge, 3.0mm graphite rear shock tower • centralized 75cc fuel tank with hypertonic tank lid and internal stone-type filter • 7075 T6 aluminum brake hub with precision-pressed pins • **laser-cut, precision flat-ground** ventilated steel brake disk for ultra-efficient fade-free braking • high-grip **Ferodo™** brake pads • 7075 T6 aluminum ball-bearing supported brake cam • most efficient, smoothest drivetrain using optimum belt and pulley construction with super-low rotating mass • exclusive **Hudy Spring Steel™** drivetrain parts for highest performance and unmatched lifespan • **PUR®** reinforced high-efficiency, low-friction drive belts • specially-designed adjustable graphite side-belt tensioner allows easy engine removal • solid axle diff adapter transforms differential into **solid axle (spool)** • advanced suspension geometry **optimized** and finely tuned for high-competition racing • lightweight yet durable suspension parts molded from XRAY's self-developed composite mixture • fully-adjustable suspension featuring **I.S.S.™** (Integrated Suspension Settings™) • easily-adjustable hand-ground **blade-style** front-anti roll bars from **Hudy Spring Steel™** • precision pivot balls specially hardened for enhanced lifespan • centralized ball-raced steering servo saver with adjustable spring tension • easily-adjustable Ackermann positions using integrated inserts • fine-threaded shock bodies for precise ride height adjustment • **specially-hardened** shock shafts for maximum strength • XRAY **self-developed** and manufactured ultimate racing springs are hand-selected for maximum precision, equal length, and equal damping characteristics







1. Jason Branham

2. Mike McCrary

3. Rocco Margiotta



**US**  
MONSTER TRUCK CHAMPIONSHIP DOMINATION

**XT8**  
1/8 LUXURY RACING TRUGGY



**UNIQUE**  
REVOLUTIONARY  
C-HUB SUSPENSION





Purpose-designed truggy suspension features reinforced arms to prevent bending



CNC-machined **Swiss 7075 T6** alu front upper deck, radio plate, diff plate and shock towers



XRAY Racing Truggy XT8 is based on the **European Champion** XB8EC off-road buggy



Super-long arms ensure best handling over rough terrain & excellent landing after big jumps

## HIGH-PERFORMANCE PARTS

Suspension holders allow complete geometry adjustment



Laser-cut, precision flat-ground ventilated steel brake disks

Super-long arms from special composite mixture for highest durability



**Swiss 7075 T6** precision flywheel with alu 3-piece clutch shoe

Premium **Hudy Spring Steel™** adjustable turnbuckles



Special truggy-designed diff gears made from specially-developed **HUDY®** steel for gears

Big bore long alu shocks specially designed for Truggy



Diff outrives made from **Hudy Spring Steel™** specially ground for maximum precision

Super-smooth, no-slip, high-durability differentials with heat-treated gears



17mm **aircraft alu** wheel axles with optimized offset

World's lightest, most durable driveshafts hand made from famous **Hudy Spring Steel™**



High-grade special steel clutchbell

**Swiss 7075 T6** CNC-machined hardcoated 3mm chassis

## ACTIVE DIFF

Option only

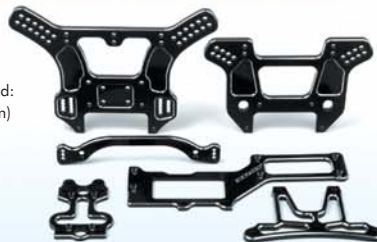


Unique high-performance, adjustable front gear differential vastly improves the truggy's speed and handling characteristics. The special design of the internal components using different angled segments allows the diff gears to engage on-power to increase the forward traction and stability.

## LUXURY XRAY DESIGN

**Swiss 7075 T6** CNC-machined:

- front/rear shock towers (4mm)
- steering plate (3mm)
- front upper deck (4mm)
- radio plate (3mm)
- center diff plate (3mm)



• XRAY Racing Truggy based on the **European Champion** XB8EC off-road buggy • designed and developed by the world's **most admired** R&D team • pure racing design and premium luxury quality with highest performance • all parts specifically designed and developed for **Truggy-specific** high-performance suspension geometry, specific ultra-efficient drivetrain parts with optimal Truggy ratio • only **premium** and exclusive materials used throughout • exclusive **Hudy Spring Steel™** drivetrain parts for highest performance and unmatched lifespan • efficient C-hub suspension with innovative **I.A.C.** (Integrated Adjustable Caster™) • lightweight strong molded steering blocks with molded-in steel bushings (**XRAY innovation**) • fully adjustable suspension • front upper suspension featuring **I.S.S.** (Integrated Suspension Settings™) • ultra-low CG, all parts are centralized in chassis • optimized front/rear and left/right weight balance for perfect jumping • fully-independent, fully-adjustable suspension with full-time 4WD • ultra-lightweight high-tensile transmission parts hand made from special world-renowned top-secret self-developed **Hudy Spring Steel™** • drivetrain includes 22 precision rubber-sealed bearings for maximum efficiency and speed • ultra-precision front/rear and center diffs with Hudy Spring Steel™ outrives • pinions, spurs, crown gears and clutchbell manufactured by **HUDY®** • all new extra-long big-bore shocks for perfect handling on bumpy tracks and big jumps • all alu parts feature XRAY's stylish black finish with silver edging for luxurious touch • **laser-cut, precision-ground** steel brake disks for ultra-efficient fade-free braking • high-grip **Ferodo®** brake pads • **Hudy Spring Steel™** adjustable turnbuckles • **Swiss 7075 T6** hardcoated flywheel with aluminum clutch shoes • stylish XRAY Truggy body included made from lightweight **Lexan®** • XRAY Thrax Truggy tires, foam inserts and racing dish wheels included







HIGHEST PERFORMANCE  
POWERFUL ENGINE

LUXURY  
PURE RACING DESIGN

Prototype shown.  
Final specs may vary.

ALL-NEW!  
BOB

**BOB**

1/8 LUXURY OFF-ROAD BUGGY

EUROPEAN  
CHAMPION





To allow direct transfer of power without any kinetic losses, the central drive shafts are directly connected to the pinion gears. The connecting pin sits in a ball-bearing to guarantee that the connecting pin will never fall out.



CNC-machined **high-grade graphite** radio plate with centrally positioned electronics



All **new suspension geometry** features Zero King-pin suspension concept



New **narrow servo saver** and steering system with ultra short graphite steering plate



Front & rear **racing optimized** suspension geometry

## HIGH-PERFORMANCE PARTS

High-grade **graphite** shock towers and radio plate



Composite suspension holders with preset geometry



Composite steering block with moulded-in steel bushing



Super-smooth, no-slip, high-durability gear differentials (front, center, rear)



All-new suspension arms and all-new suspension geometry



Diff outdrives made from **Hudy Spring Steel™ Swiss 7075 T6** CNC-machined hardcoated 3mm chassis



Alu flywheel with lightweight alu clutch shoes

New high-grade special steel clutchbell featuring over-sized bearings



All-new, world's lightest, most durable CVD driveshafts hand made from famous **Hudy Spring Steel™**



Hardcoated **Swiss 7075 T6** wheel axles and wheel nuts

**Laser-cut, precision flat-ground** ventilated steel brake disks



New lighter high-speed ball-bearings & **extra-large** clutch bearings



All-new **ultra strong** suspension pivot pins



All-new adjustable turnbuckles from **Hudy Spring Steel™**



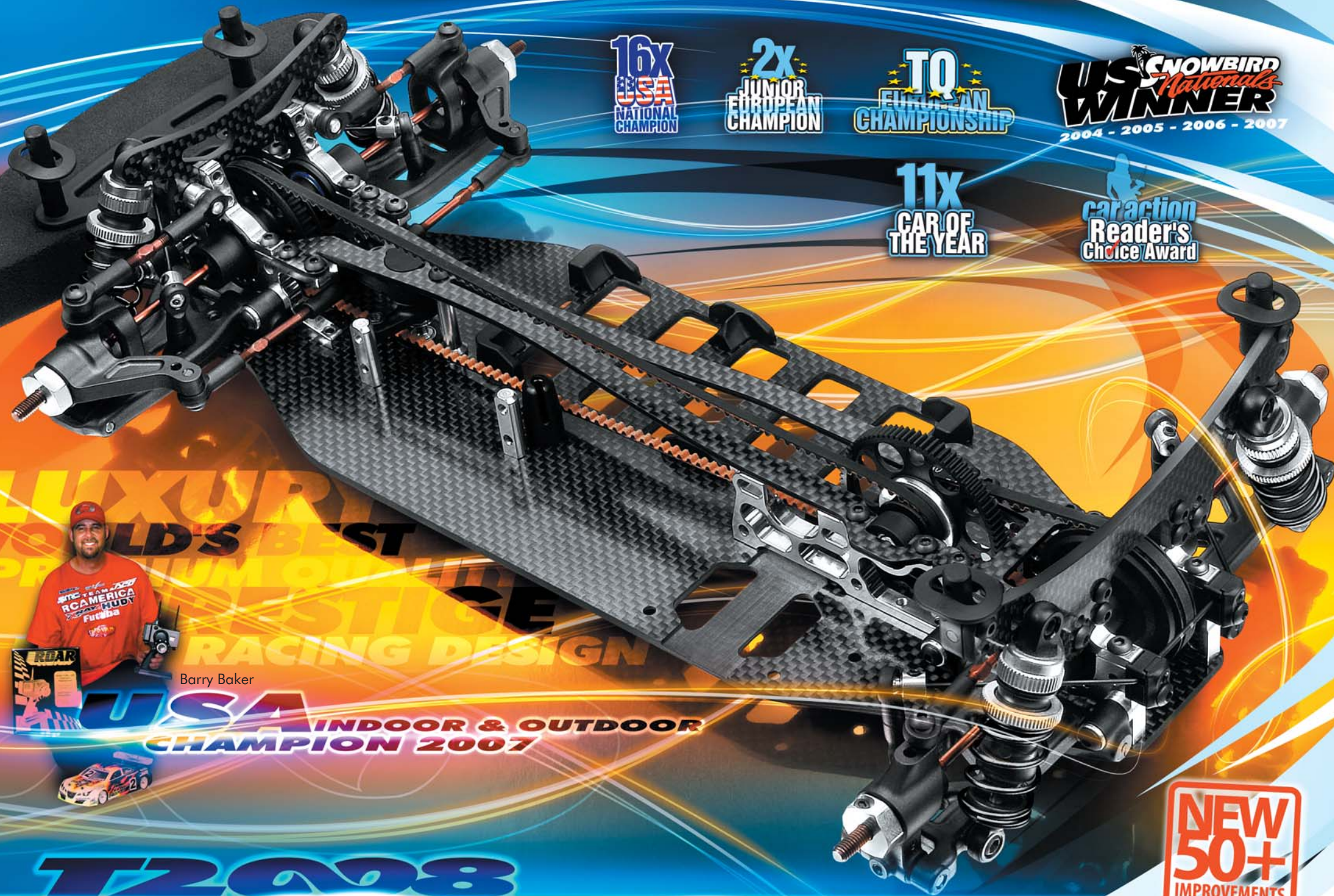
All-new **big-bore** alu shocks

## ALL-NEW 808 SPECS

- **all-new XRAY** racing buggy platform
- pure racing design focused on ultra-low weight and superior handling
- considerably lower weight than previous versions, as light as the lightest buggies in the market
- new narrower chassis with improved weight distribution makes the car much more stable and easier to drive
- new racing Zero King-Pin suspension and all-new suspension geometry for increased steering and traction
- new front & rear suspension arms
- new **Hudy Spring Steel™** CVD drive shafts
- suspension arms ready for easy mud protector assembly
- new steering blocks with molded-in steel bushings and new caster blocks
- new suspension holders with integrated preset optimal suspension geometry
- new longer **Swiss 7075 T6** hard anodized chassis
- new ultra-strong suspension pivot pins inboard and outboard
- new front upper suspension mounting
- new front and rear optimized roll center positions on shocktowers
- new lighter rear uprights with new lighter ball-bearings in uprights and steering blocks
- new **Direct Shaft Connection™** to the pinion gear
- new longer steering rods to prevent suspension geometry changes during suspension compression
- new relief rear ball-joints
- new anti-roll bars
- new **Hudy Spring Steel™** turnbuckles
- more centralized engine positioning
- new narrow servo saver and steering system
- new ultra-short graphite steering plate
- new one-piece graphite radio plate
- new rear flexible composite brace
- new drivetrain with super-efficient gear ratios
- new gear boxes with **Labyrinth Dust Covers™**
- new lower central differential stands with central diff placed lower
- new larger, stronger, more reliable clutch bearings
- new clutchbell with over-sized clutch bearings
- new ratio with smaller spur gear and larger clutchbell for reduced rotating weight
- new longer wheelbase for higher stability and improved balance when jumping
- new 4mm extra-thick front and 3.5mm rear **premium-grade graphite** shocktowers
- all-new big-bore oversized shocks for improved handling on bumpy tracks and big jumps
- new threaded **big-bore** hard-anodized shock bodies
- new shock design allows for super-easy building and servicing
- new 1-piece aluminum hard-anodized shock cap
- new big-bore shock pistons with precision-round shape for perfect movement inside the shock body
- new big-bore shock membranes for precision dampening
- lower shock assembly includes internal foam dust-protector
- **XRAY Premium Shock Oils** for perfect consistency
- new lower shock mounting assembly minimizes oil leakage
- new ultra-low profile racing body from high-quality Lexan®

• premium high-competition off-road buggy • very easy assembly/disassembly and maintenance • efficient Zero King-pin suspension • lightweight strong molded steering blocks with molded-in steel bushings • ultra-low CG, all parts centralized in chassis • optimized front/rear and left/right weight balance for perfect jumping • **pure racing design**, highest performance and long life, ultra-durable parts • fully independent, fully-adjustable suspension with full-time 4WD • ultra-lightweight high-tensile transmission parts hand made from special world-renowned top-secret self-developed **Hudy Spring Steel™** • drivetrain includes **22 high-speed** rubber-sealed bearings for maximum efficiency and speed • ultra-precision front/rear and center diffs with **Hudy Spring Steel™** outdrives • pinions, spurs, crown gears and clutchbell manufactured by **HUDY®** • optimized multiple upper and lower shock mounting locations for front and rear • laser-cut, precision-ground steel brake disks for ultra-efficient fade-free braking • high-grip **Ferodo®** brake pads • exclusive adjustable turnbuckles from **Hudy Spring Steel™**





**16x**  
**USA**  
NATIONAL  
CHAMPION

**2x**  
JUNIOR  
EUROPEAN  
CHAMPION

**10**  
EUROPEAN  
CHAMPIONSHIP

**SNOWBIRD**  
*Nationals*  
**WINNER**  
2004 - 2005 - 2006 - 2007

**11x**  
CAR OF  
THE YEAR

**car action**  
Reader's  
Choice Award



Barry Baker

**USA** INDOR & OUTDOOR  
CHAMPION 2007

**T2008**

1/10 LUXURY ELECTRIC TOURING CAR

**NEW**  
**50+**  
IMPROVEMENTS



## XRAY QUICK-SAVER™

Revolutionary fully-adjustable **Quick-Saver™** features 5 different integrated Ackermann positions



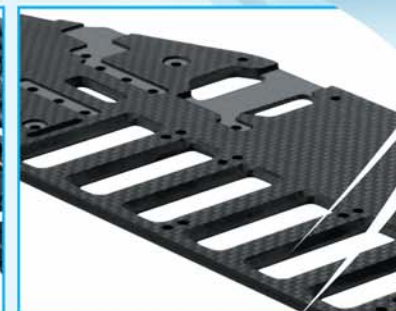
Servo saver positioned in absolute center of the chassis



New front and rear suspension geometry



Lowest ultra-lightweight Swiss 7075 T6 bulkheads



US-spec 3.5mm ultra-thick chassis with milled areas

## HIGH-PERFORMANCE PARTS

Lightweight Composite XRAY Solid Axle

Alu Middle Layshaft

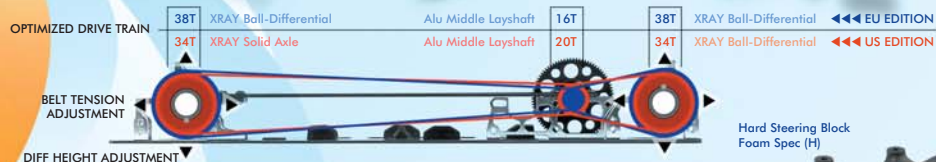
Lightweight Composite XRAY Ball-Differential

Hard C-hub  
Foam Spec (H)

Medium C-hub  
Rubber Spec (M)

Hard Rear Upright  
1° Toe-In (H)  
Foam Spec

Medium Rear Upright  
0° Toe-In (M)  
Rubber Spec



Hard Steering Block  
Foam Spec (H)

Medium Steering  
Block Rubber Spec (M)

◀ The ultra-low touring car platform of the T2'007 has been carried over to the T2'008 to provide the world's lowest CG ever.

World's lightest, most durable drivshafts hand made from famous **Hudy Spring Steel™**

Exclusive adjustable turnbuckles made from famous **Hudy Spring Steel™**

High-speed blue covered ball-bearings manually selected



• built on the highly-successful XRAY T2 / T2'007 platform • world's lowest touring car platform • world's first purpose-designed editions to meet specific **ROAR, EFRA, FEMCA** regulations • less sensitive to changing track conditions • super-consistent performance • centrally-positioned layshaft split bulkheads give improved balance • world's lowest ultra-lightweight bulkheads CNC-machined from **Swiss 7075 T6** aluminum • super-lightweight composite front Solid Axle with XRAY's own smart **Quick-change** outdrive system for easier and more comfortable outdrive exchange • specially-optimized drivetrain concept for specific foam- and rubber-tire racing conditions • specially-optimized drive shaft lengths for specific foam- and rubber-tire racing conditions • new premium-quality, longer rear drive belt with **Kevlar®** reinforcement • narrow top decks • servo saver positioned in absolute center of the chassis • **Hudy Spring Steel™** turnbuckles • compact front foam bumper made from lightweight, high-resilience foam • small, robust steering blocks made from special composite material, featuring two Ackermann positions • new front & rear lower shock towers for lower CG and improved steering response CNC-machined from 3mm graphite material with optimized shock positions for rubber and foam tires with optimized **Quick Roll-Center™** positions • Rebuildable CVD drivshafts made from world-renowned, top-secret, self-developed **Hudy Spring Steel™**; world's tiniest yet most durable drivshafts hand ground for maximum precision • unique **XRAY Quick-Saver™** with 5 different Ackermann positions • new front and rear diff height independent adjustment • new longer front & rear suspension arms for improved traction and easier handling • new C-hubs with larger opening for easier, faster & more comfortable assembly/disassembly of the CVDs; prevents collision of CVD with C-hub in serious crashes • **brushless system ready and optimized** • new rear uprights with integrated 0° toe-in to prevent suspension geometry change in serious crashes and improved stability • new shorter shock body and shock rod for improved suspension lift • new middle alu layshaft with centrally-positioned spur gear for improved balance • overall reduction in car weight • **LiPo 3200mAh ready** and optimized (LiPo 4800mAh fits EU 2.5mm chassis only) • thick 6mm body posts • **7075 T6** aluminum wheel hubs • lower suspension holders with 3 different roll center positions • XRAY 4-step externally adjustable shocks • selected & matched racing springs • complete set of high-speed blue-sealed ball-bearings, degreased, lightly oiled for maximum efficiency, individually controlled, selected and inspected • fully adjustable front & rear suspension geometry: caster, camber, inboard/outboard toe, front dive, rear squat, ride height, downstops, track-width, roll center, wheelbase, Ackermann • **pure racing design** • available as US Foam-spec edition (#30 0012), EU Rubber-spec 5-cell edition (#30 0010) and EU Rubber-spec 6-cell edition (#30 0011)

**World Championship Final #2 Winner, overall Third**







MICRO SIZE  
HIGH COMPETITION  
LUXURY PERFORMANCE  
PASSION PREMIUM  
HERITAGE

**M18 PRO**  
1/18 LUXURY HIGH-COMPETITION 4WD RACING CAR



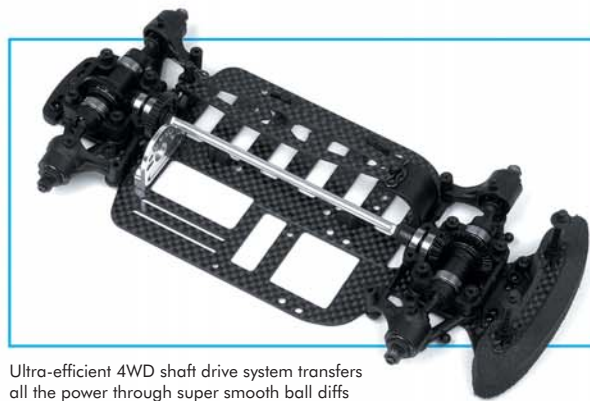
## MICRO TOURING CAR-TYPE WHEEL MOUNTING SYSTEM

One of the most significant improvements on the M18 PRO is the **new wheel mounting system**. The new M18 PRO features micro versions of standard touring car hex wheel hubs, which mount directly to the efficient universal drive shafts. **New-style wheels** fit onto the hex wheel hub and are secured with machined lightweight nuts.

This system not only improves the performance of the car and allows for solid wheel mounting, it also makes wheel changes very quick and easy.



Ultra-efficient 4WD shaft drive system transfers all the power through super smooth ball diffs



Premium high-performance micro electronics available from XRAY will fit the M18 PRO perfectly



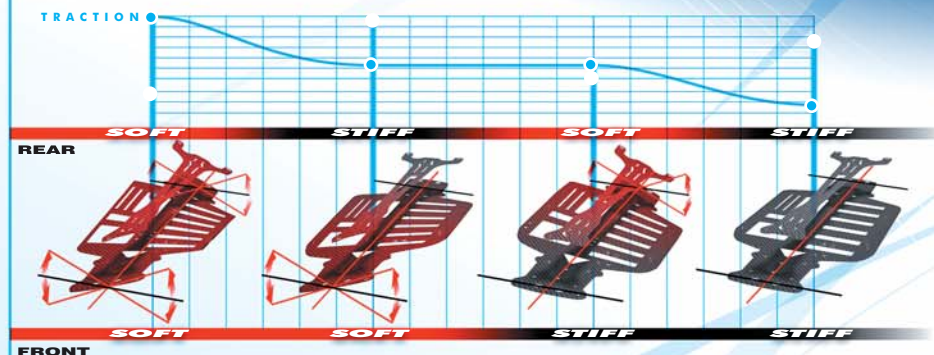
## HIGH-PERFORMANCE PARTS



## MULTI-FLEX™

XRAY **Multi-Flex Technology™** (MFT™) now revolutionizes the micro platform in the new M18 PRO.

With the **MFT™** top deck you can set up and adjust the M18 PRO for all different racing conditions. No matter if you drive on asphalt or carpet, using rubber or foam tires, you can quickly, easily, and independently adjust MFT™ points on the top deck – front or rear – to give you different flex characteristics. Tailoring a micro car to the track has never been this easy!

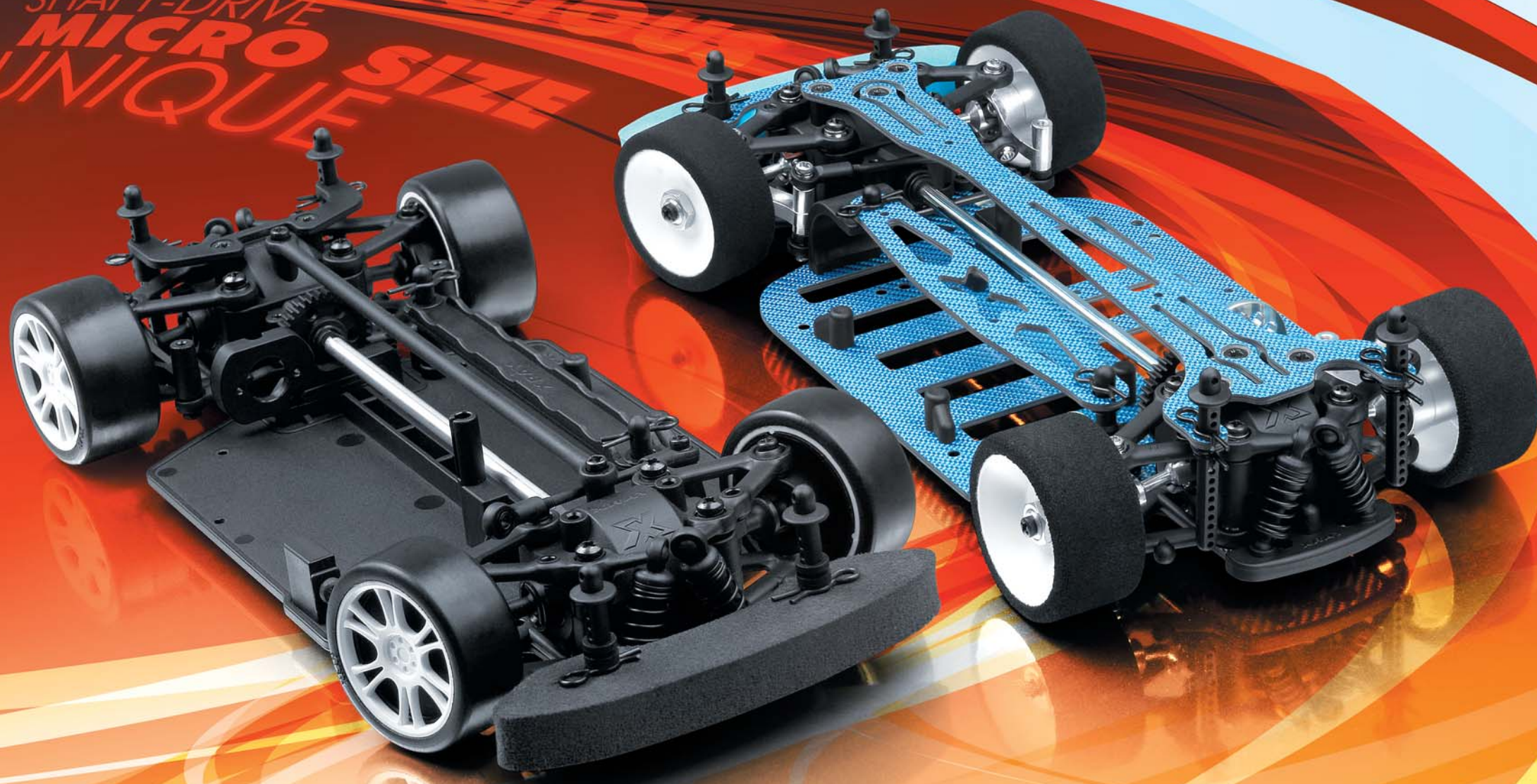


- new **high-competition** micro racing platform designed by legendary RC designer and XRAY's award-winning Chief Designer **Eng. Hudy Juraj**
- pure racing design & high-performance pedigree • designed for high-competition brushed and brushless micro motors • ultra-low center of gravity • 4WD shaft-drive ultra-efficient drivetrain • fully-independent front and rear suspension • 6 cell inline chassis CNC-machined from premium **1.6mm graphite** • revolutionary **XRAY Multi-Flex Technology™** top deck allows independent front/rear flex adjustment • new touring car-style hex hub wheel mounting system with aluminum wheel nuts • new harder arms for more aggressive and sharper handling • increased 6° caster for improved steering • externally-adjustable smooth ball differentials front and rear (factory pre-assembled) • adjustable downstops for precision setup • reinforced steering blocks and rear uprights to better withstand hard impacts • longer wheelbase for improved stability • decreased rear toe-in for **higher top speed** and sharper handling • premium **Swiss 7075 T6** aluminum universal adjustable motor holder • drivetrain includes 16 high-speed, high-quality ball-bearings for maximum efficiency and speed • ultra-true aluminum center drive shaft • graphite battery strap holds batteries securely in the chassis • battery stops ensure batteries will not move even in heavy crash • coil-over shocks for **precise chassis handling** • adjustable shock position for damping adjustment • adjustable body posts, front and rear • high-resilience lightweight front foam bumper and graphite bumper brace • spring-loaded servo saver protects steering servo • adjustable steering rod • **premium foam tires**: 50deg front, 35deg rear for maximum stability and easy handling • set of pinion gears for optimum gear ratio adjustment • both 36T and 42T spur gear included • lightweight high-performance racing body • adjustable turnbuckle set for toe-in adjustment included





**LEGENDARY**  
RECORD SETTER  
**PRESTIGE**  
SHAFT-DRIVE  
**MICRO**  
UNIQUE SIZE



**M18**  
1/18 4WD SHAFT-DRIVE MICRO CAR

Photo shows standard M18 model and fully-optioned M18





Adjustable shock positions front & rear



Fully-independent suspension front & rear



Precision steering system



RTR kit comes loaded with premium XRAY electronics

## HIGH-PERFORMANCE PARTS

High-resilience Foam Bumper



Front & Rear Coil-over Shocks



Adjustable Motor Mount



Aircraft Aluminum Main Drive Shaft



HUDY Phillips Screwdriver Included



16 High-speed Pre-oiled Ball-bearings



Rubber Tires with Inserts



Front & Rear Gear Differentials



Strong Composite Drive Shafts



Hudy Spring Steel™ Adjustable Steering Rod



## PREMIUM RTR ELECTRONICS



XRAY XMC180  
Speed Controller with reverse



XRAY Micro Stock Motor



5-cell Micro Battery Pack  
(Charger not included)



XRAY XMS-01 Servo  
Metal-Geared



XRAY XR1 Receiver  
3-channel

• **high-performance** micro electric on-road car • 1/18 scale • 4WD shaft-drive • accepts standard-size electronics • racing characteristics of 1/10 touring cars • ultra low center-of-gravity (CG) • front and rear gear differentials • **maximum efficiency drivetrain** includes 16 high-speed ball-bearings • ball-bearings degreased and lightly oiled for maximum speed • aluminum main drive shaft • fully-independent front and rear suspension • coil-over shocks for precision dampening • adjustable shock positions • adjustable downstops • **Hudy Spring Steel™** steering rod • easily-adjustable motor mount • chassis accommodates 5-cell battery pack • adjustable body posts • high-resilience front foam bumper • extensive line of micro electronics and optional parts from XRAY • rubber tires + wheels included • 1/18 micro racing on-road body • pinion set for proper gearing adjustment included • **HUDY phillips screwdriver** for comfortable assembly (included in kit only) • model available as kit (#380000) or as complete RTR (#380040)

## EXOTIC RTR PAINT SCHEMES NEW



RTR bodies are available in red, orange, blue and green paint scheme and come completely trimmed



Premium XRAY XT1 Transmitter



HIGH-COMPETITION DESIGN  
IMPROVED HANDLING  
MORE STABLE  
16MM LONGER WHEELBASE

FULL GRAPHITE LAYOUT  
IMPROVED JUMPING  
EASIER TO DRIVE

CLIMB IT  
DRIVE IT  
JUMP IT

XRAY is pleased to present the improved and refined M18T PRO - based on the legendary M18T platform, but redesigned with high-performance racing in mind. The M18T PRO's progressive design embodies an enhanced driving experience from the purpose-built performance graphite chassis... to the unique Hudy Spring Steel™ drive shafts ... to the smooth externally-adjustable ball diffs.

The M18T PRO was borne of racing DNA  
to challenge your racing skills on any track.

High performance. Micro size. Undeniably XRAY.

USA  
CHAMPION

**M18T PRO**  
1/18 LUXURY HIGH-COMPETITION ELECTRIC TRUCK



High competition micro truck racing platform



Ultra-efficient 4WD shaft drive system transfers all the power through the lightweight **graphite center shaft**



6 cell chassis from **high grade graphite** material

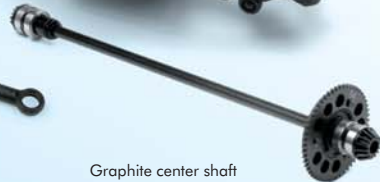


Adjustable shock positions front & rear

## HIGH-PERFORMANCE PARTS



Adjustable toe-in turnbuckles



Graphite center shaft



Adjustable ball differentials



Set of high-speed ball bearings



Low profile pin rubber tires



Tough composite suspension arms



Servo saver



**Hudy Spring Steel™**  
drive shafts



Alu motor holder



Coil-over oil shocks



Set of pinions



Nickel-plated pivot balls



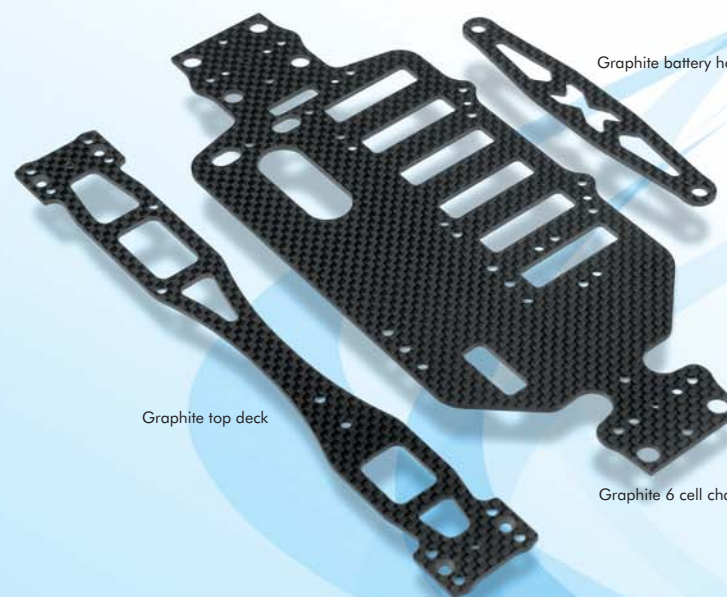
Composite spur gear



Steel spur gear



Front & rear anti-roll bars



Graphite top deck

Graphite battery holder

Graphite 6 cell chassis

• new **high-competition** micro racing platform designed by legendary RC designer and XRAY's award-winning Chief Designer **Eng. Hudy Juraj** • pure racing design & high-performance pedigree • designed for high-competition brushed and brushless micro motors • full graphite layout • 16mm longer wheelbase for improved handling and improved jumping capability • easier to drive and ready to race in high competition races • ultra-low center of gravity • premium 4x **Hudy Spring Steel™** drive shafts • 4WD shaft-drive ultra-efficient drivetrain • fully independent front and rear suspension • 6 cell in-line chassis CNC-machined from premium **2.0mm graphite** • tough composite suspension arms for more aggressive and sharper handling • externally-adjustable smooth ball differentials front and rear (factory pre-assembled) • reinforced steering blocks and rear uprights to better withstand hard impacts • longer wheelbase for improved stability • adjustable turnbuckle set for toe-in adjustment • premium **Swiss 7075 T6** aluminum universal adjustable motor holder • drivetrain includes 16 high-speed, high-quality ball-bearings for maximum efficiency and speed • ultra-true graphite center drive shaft • graphite battery strap holds batteries securely in the chassis • graphite top deck • battery stops ensure batteries will not move even in heavy crash • coil-over oil filled shocks for **precise chassis handling** • adjustable shock position for damping adjustment • spring-loaded servo saver protects steering servo • adjustable steering rods • low profile pin rubber tires with soft foam inserts • set of pinion gears for optimum gear ratio adjustment • both composite and steel spur gears included • lightweight high-performance racing body • nickel-plated pivot balls • front & rear anti-roll bars included • centrally positioned steering system



**M18T**  
1/18 LUXURY MICRO ELECTRIC TRUCK

**MICRO SIZE**  
**4 WHEEL DRIVE**

JUMP IT. CLIMB IT. DRIVE IT.



THRILLING  
POWERFUL  
PREMIUM QUALITY

DOMINATOR

**M18MT**  
1/18 LUXURY MICRO ELECTRIC MONSTER TRUCK

**USA**  
Zack Barry





Premium XRAY XT1  
Transmitter



Multiple shock positions



Precision steering system



Fully-independent suspension front & rear



4WD shaft-drive transmission system

## PREMIUM RTR ELECTRONICS

6-cell Micro Battery Pack  
(Charger not included)



XRAY 370 Supersize Motor



XRAY XR1 Receiver  
3-channel



XRAY XMS-01 Servo  
Metal-Geared



XRAY XMC300R  
Speed Controller with Reverse

## HIGH-PERFORMANCE PARTS

Adjustable Motor Mount



Low Pin Rubber tires + Racing  
Dish Wheels for M18T



Large Chevron Pattern Monster  
Tires + Starburst Wheels for M18MT



Adjustable Ball Differentials



22 High-Speed Pre-oiled Ball-bearings



Aircraft Aluminum  
Main Drive Shaft



Pinion Gears  
Set (4)



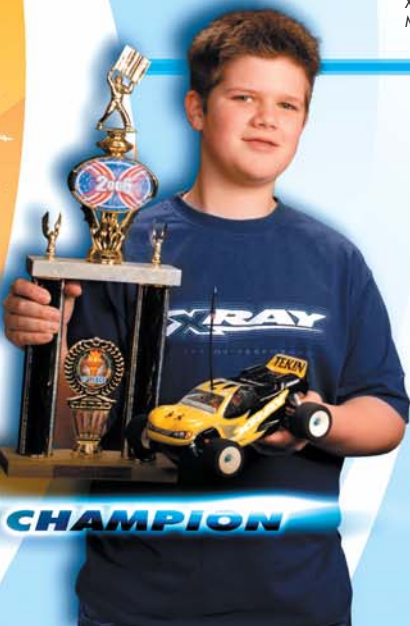
Adjustable **Hudy Spring Steel™**  
Steering Rods



Oil-filled Coil-over Shocks



Universal-joints Drive Shafts

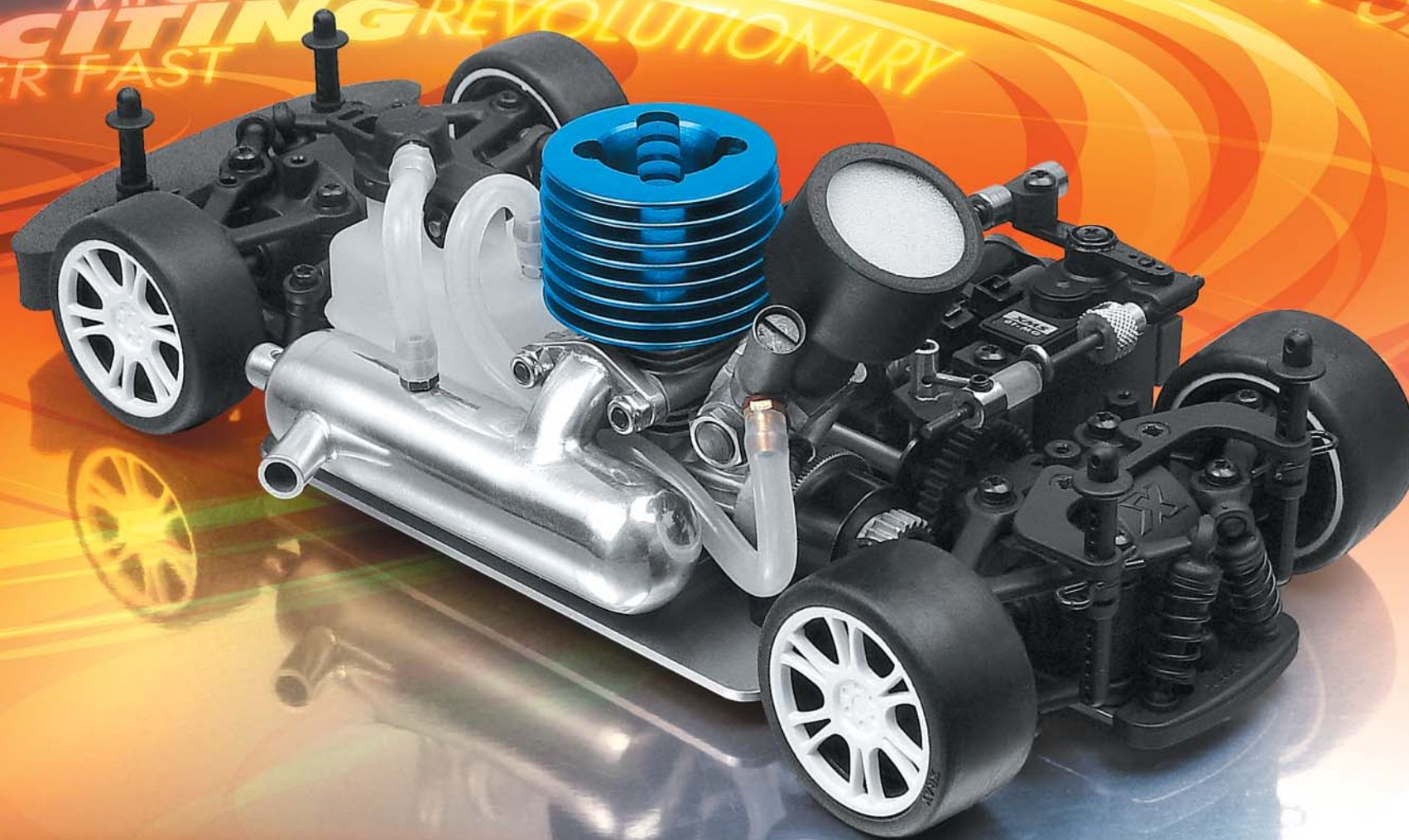


• high-performance micro electric truck • 1/18 scale • 4WD shaft-drive • accepts standard-size electronics • easy to handle in any conditions • central, ball-bearing supported steering system • **externally-adjustable ball differentials** front and rear factory preassembled for smooth operation • maximum efficiency drivetrain includes **22 high-speed ball-bearings** • ball-bearings degreased and lightly oiled for maximum speed • aluminum main drive shaft • fully-independent front and rear suspension • front and rear anti-roll bars included (M18T) • oil-filled coil-over shocks for **precision dampening** • adjustable shock positions • optimized suspension down- and up-travel • adjustable front toe-in (rear optional) • **Hudy Spring Steel™** steering rods • rugged servo saver • easily-adjustable motor mount • chassis accommodates 5- or 6-cell battery packs • extensive line of micro electronics and optional parts from XRAY • set of low pin rubber tires + wheels (M18T) or set of large monster tires + wheels (M18MT) • 1/18 micro racing truck body • pinion set for proper gearing adjustment included • HUDY Phillips screwdriver for comfortable assembly included (in kit only)





WORLD'S FIRST  
WORLD'S SMALLEST  
LIKE EVERYTHING YOU'VE NEVER SEEN!  
PRIME QUALITY  
MICRO NITRO  
EXCITING REVOLUTIONARY  
SUPER FAST



**NT18**  
1/18 LUXURY MICRO NITRO CAR

INCREDIBLY  
HIGH SPEEDS **50** MPH





Fully-independent rear suspension



Fully-independent front suspension for precise and responsive handling



One-piece moulded radio tray allows easy quick access to radio equipment



Unique chassis design allows easy flex adjustment

## PREMIUM ELECTRONICS



**HUDY**  
START-BOX

Receiver Battery Pack



Micro Switch



2x XRAY XMS-01 Servo  
Metal-Geared



## HIGH-PERFORMANCE PARTS

4x Coil-over Shocks



Pre-Mounted Foam  
Tires Front & Rear



Precision Gear Differentials



Adjustable **Hudy Spring Steel™**  
Steering Rod



HUDY Phillips  
Screwdriver Included



Aircraft Aluminum Drive  
Shaft with Spur Gear

22 High-Speed  
Pre-oiled Ball-Bearings



## MICRO ENGINE

- uses standard model car fuel
- standard glowplug design
- durable construction
- large, billet blue anodized aluminum heatsink
- dual-needle, adjustable alu slide carburetor
- 2-shoe aluminum clutch
- T6 aluminum flywheel
- polished muffler
- HUDY steel 23T clutchbell



MADE IN JAPAN

- high-performance micro car • 1/18 scale • 4WD shaft-drive
- powerful 0.8cc nitro engine • uses standard model car fuel
- accepts standard electronics • **super fast (50+ km/h)** • easy to handle • CNC-machined aluminum engine mounts
- aluminum slide carburetor • aluminum flywheel • **HUDY steel clutchbell 23T** • CNC-machined alu clutch shoes
- polished muffler • silicone fuel tubing • **Swiss T6 7076** CNC-machined chassis • 1-piece moulded radioplate
- high-resilience foam bumper • high-efficiency drivetrain featuring **22 high-speed ball-bearings** • ball-bearings degreased and lightly oiled for maximum speed
- precision moulded front and rear gear differentials • adjustable brake • laser cut, **hand-ground** steel brake disk • **Ferodo** brake pads for strong fade-free braking power
- aluminum main drive shaft • 30cc fuel tank w/ hypertonic lid & internal stone-type filter • pre-mounted foam tires for maximum stability
- fully-independent suspension • 12° pre-set front caster • adjustable shock positions • adjustable downstops • coil-over shocks • adjustable front & rear toe-in (optional)
- **Hudy Spring Steel™** steering rod • rugged servo saver • 1/18 on-road body included • low CG • model available without electronics or with premium XRAY electronics (2x metal geared servo, receiver battery pack, switch & HUDY Start Box)

## IT'S MICRO, IT'S NITRO, IT'S XRAY





WORLD'S FIRST  
WORLD'S SMALLEST  
MICRO NITRO  
EXCITING

MANUFACTURED  
& ASSEMBLED  
IN EUROPE

TRUCK  
LUXURY

**NT18T**  
1/18 LUXURY MICRO NITRO TRUCK



INCREDIBLY  
HIGH SPEEDS **50** KM/H





Premium XRAY XT1  
Transmitter



Easy access to rear linkage allows  
quick adjustments for fine tuning



Fully-independent suspension front & rear  
for precise and responsive handling



One-piece moulded radio tray allows  
easy quick access to radio equipment



CNC-machined chassis with  
undercover for spur gear

## PREMIUM RTR ELECTRONICS



**HUDY**  
START-BOX



Receiver Battery Pack

2x XRAY XMS-01 Servo  
Metal-Geared

Micro Switch

XRAY XR1 Receiver  
3-Channel

## HIGH-PERFORMANCE PARTS

4x Oil-filled Coil-over Shocks



Low Pin Rubber Tires + Racing  
Dish Wheels



Adjustable Ball Differentials



HUDY Phillips  
Screwdriver Included

Adjustable **Hudy Spring Steel™**  
Steering Rods



Aircraft Aluminum Drive  
Shaft with Steel Spur Gear



26 High-Speed  
Pre-oiled Ball-bearings



## MICRO ENGINE

- uses standard model car fuel
- standard glowplug design
- durable construction
- large, billet blue anodized aluminum heatsink
- dual-needle, adjustable alu slide carburetor
- 2-shoe aluminum clutch
- T6 aluminum flywheel
- polished muffler
- HUDY steel 16T clutchbell

- high-performance micro nitro truck • 1/18 scale • 4WD shaft-drive • powerful 0.8cc nitro engine • uses standard model car fuel • accepts standard electronics • **super fast (50+ km/h)** • easy to handle in any conditions • CNC-machined aluminum engine mounts • aluminum slide carburetor • aluminum flywheel • **HUDY steel clutchbell** • CNC-machined alu clutch shoes • polished muffler • 30cc fuel tank w/ hypertonic lid & internal stone-type filter • silicone fuel tubing • **Swiss T6 7076** CNC-machined chassis • 1-piece moulded radioplate • top deck for maximum stability • central, ball-bearing supported steering system • externally-adjustable ball differentials front and rear factory preassembled for smooth operation • high-efficiency drivetrain featuring 26 high-speed ball-bearings • ball-bearings degreased and lightly oiled for maximum speed • adjustable brake • laser cut, hand-ground steel brake disk • **Ferodo®** brake pads for strong, fade-free braking power • aluminum main drive shaft • steel spur gear for dusty tracks • low CG • fully-independent suspension • front and rear anti-roll bars • **oil-filled coil-over shocks** for precision dampening • adjustable shock positions • optimized suspension down- and up-travel • adjustable front toe-in (rear optional) • **Hudy Spring Steel™** steering rods • rugged servo saver • 36pc nickel-coated steel pivot balls throughout the suspension • racing style dish wheels • rubber low pin tires with foam inserts • 1/18 racing truck body included • HUDY Phillips Screwdriver included • model available as a kit or as complete RTR • kit available with or without electronics



MADE IN JAPAN

## IT'S MICRO, IT'S NITRO, IT'S XRAY





# LUXURY RTR

WORLD'S SMALLEST

PURE  
FUN

INSANE  
POWER

MICRO NITRO  
READY TO RACE

MANUFACTURED  
& ASSEMBLED IN EUROPE

## MT18MT

1/18 LUXURY MICRO NITRO MONSTER TRUCK



INCREDIBLY  
HIGH SPEEDS **50** MPH





Premium XRAY XT1  
Transmitter



Easy access to rear linkage allows  
quick adjustments for fine tuning



Fully-independent suspension front & rear  
for precise and responsive handling



One-piece moulded radio tray allows  
easy quick access to radio equipment



CNC-machined chassis with  
undercover for spur gear

## PREMIUM RTR ELECTRONICS



**HUDY**  
START-BOX



Receiver Battery Pack

2x XRAY XMS-01 Servo  
Metal-gear

Micro Switch

## MICRO ENGINE

- uses standard model car fuel
- standard glowplug design
- durable construction
- large, billet blue anodized aluminum heatsink
- dual-needle, adjustable alu slide carburetor
- 2-shoe aluminum clutch
- T6 aluminum flywheel
- polished muffler
- HUDY steel 23T clutchbell



MADE IN JAPAN

• high-performance micro monster truck • 1/18 scale • 4WD shaft-drive • powerful 0.8cc nitro engine • uses standard model car fuel • accepts standard electronics • **super fast (50+ km/h)** • easy to handle in any conditions • CNC-machined aluminum engine mounts • aluminum slide carburetor • aluminum flywheel • **HUDY steel clutchbell** • CNC-machined alu clutch shoes • polished muffler • 30cc fuel tank w/ hypertonic lid & internal stone-type filter • silicone fuel tubing • **Swiss 7075 T6** CNC-machined chassis • 1-piece moulded radioplate • top deck for maximum stability • central, ball-bearing supported steering system • externally-adjustable ball differentials front and rear factory preassembled for smooth operation • high-efficiency drivetrain featuring **26 high-speed ball-bearings** • ball bearings degreased and lightly oiled for maximum speed • adjustable brake • laser cut, **hand-ground** steel brake disk • **Ferodo®** brake pads for strong, fade-free braking power • aluminum main drive shaft • steel spur gear for dusty tracks • low CG • fully-independent suspension • 8x oil-filled coil-over shocks for precision dampening • adjustable shock positions • optimized suspension down- and up-travel • adjustable front toe-in (rear optional) • **Hudy Spring Steel™** steering rods • rugged servo saver • 36pc nickel-coated steel pivot balls throughout the suspension • large Chevron pattern monster tires • XRAY Starburst monster wheels • 1/18 monster body included • model available only as an RTR featuring premium XRAY electronics (radio, receiver, 2x metal geared servo, receiver battery pack, switch & HUDY Micro Start Box)

## HIGH-PERFORMANCE PARTS

8x Oil-filled Coil-over Shocks



Adjustable **Hudy Spring Steel™**  
Steering Rods

Micro Monster Truck Tires Chevron Pattern  
+ Starburst Wheels



Adjustable Ball Differentials



26 High-speed  
Pre-oiled Ball-bearings

Aircraft Aluminum Drive  
Shaft with Steel Spur Gear

## EXOTIC RTR PAINT SCHEMES

RTR bodies are available in red, orange, blue and green paint scheme and come completely trimmed





# OPTION PARTS FOR 1/10 TOURING CARS



Xtreme (USA)

"Like a fighter jet, the XRAY was so easy to drive at high speeds that I could fly through slower lapped traffic on the straights without letting off the trigger."

R/C Car (USA)

"If you are searching for that perfect touring car, XRAY can be it with no questions asked."

"It combines everything a performance oriented racer could want, including quality, performance, and price into a package that is flying off shelves and landing in podium everywhere."

Car Action (USA)

"I'll be sticking with my XRAY. I'm faster with it, and it's the easiest car to work on that i've ever owned."

"I can't imagine a car that's easier to work on. Everything is very accessible. Tuning adjustment and repairs couldn't be any easier."

Racer (UK)

"This is just about the best touring car I have ever driven - even with standard settings, the Xray was fast..."



## XRAY MULTI-DIFF™

#305104 XRAY Multi-Diff™

- one-way
- solid one-way
- solid axle



## BALL DIFFERENTIALS



#305003

Alu Ball Differential  
Hard Coated Swiss 7075 T6  
features 34T + 38T pulley

## Alu C-hub Block

#302334 - 0° right,  
#302335 - 2° right,  
#302337 - 4° right,  
#302339 - 6° right,

#302334 - 0° left  
#302336 - 2° left  
#302338 - 4° left  
#302340 - 6° left



## Solid Axle

Composite Solid Axle  
#305184 - 34T Foam-Spec  
#305188 - 38T Rubber-Spec



## Alu Rear Uprights

#303358 - 1° outboard toe L+R  
#303359 - 2° outboard toe L+R

Including Composite Bushings and Ball Bearings

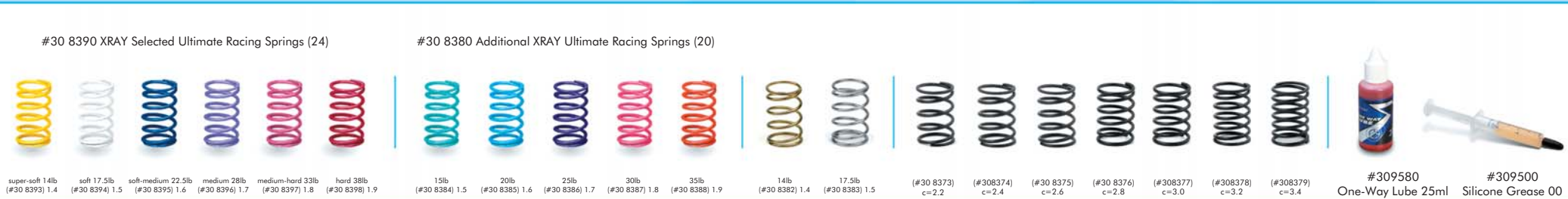


## Alu Steering Block

#302256 Alu Steering Block L/R  
Including Composite Bushings and Ball Bearings







The parts listed on this page will fit the T2, T2'007, T2'008 and T2R. However, to use some parts may require the use of some other parts, therefore if you are not familiar with all the specifications we suggest that you contact your nearest XRAY Authorized Dealer to receive complete information. Or you may visit [www.teamxray.com](http://www.teamxray.com) where you will find complete information and specifications list. On the XRAY Web site you will also find all the latest and newest option parts, as well as more information about previous models (T1, T1EVO2, T1FK, T1FK'05, T2007) on which the different option parts may fit.



# OPTION PARTS FOR 1/8 TRUGGY

RACER, ( UK )

"The XT8 oozes quality and has a huge amount of static horsepower. The Truggy is a top end pro machine which is already showing it has what it takes to be up there with the best."

"The XT8 is fine example of Xray's reputation for quality products for the serious racers among us."

RC Driver, ( USA )

"XRAY is already a top performer in the 1/8 buggy class, and now XRAY has a top competitor in the truggy class as well."

"If you are looking for a new truggy or want to expand your off-road RC driving ability this may be the perfect truck for you."

"On power, this truck is a monster. I was able to rip down the 120-plus-foot straight, hit the brakes 15 feet before the sweeper and grab full throttle again, hold it and rip through the sweeper."

"Team XRAY always turns heads when a new vehicle comes out of their stable, but the XT8 is going to break some necks."

"XRAY did a phenomenal job with their introduction into the truggy class."

Racing Lines, Australia

"If you're looking for a competition 1:8 truggy, look for the XRAY XT8."

"Acceleration: awesome!"

"XT8 is brilliant in the air."

**Active Diff™**

#355101 XRAY XT8 Active Diff™

**Adjustable Alu Rear Carrier**

**Alu Steering Block**

**Alu Center Diff Mounting Plate**

**Alu Adjustable Engine Mount**



#353365

Adjustable Alu Rear Hub Carrier - Left



#353355

Adjustable Alu Rear Hub Carrier - Right



#352265

Alu Steering Block - Right



#352255

Alu Steering Block - Right



#354015

Alu Center Diff Mounting Plate Set (2)



Alu Adjustable Engine Mount

#358712 - Novarossi, Sirio, R&B, Max, JP  
#358713 - Picco, Mega, Orion, LRP, OS





#352170  
Steel Eccentric Bushing 0°

#352174  
Steel Eccentric Bushing 1°

#352175  
Steel Eccentric Bushing 2°



Front Anti Roll Bar  
#352422 - 2.2mm  
#352424 - 2.4mm  
#352426 - 2.6mm  
#352428 - 2.8mm  
#352430 - 3.0mm  
#352432 - 3.2mm

Rear Anti Roll Bar  
#353424 - 2.4mm  
#353426 - 2.6mm  
#353428 - 2.8mm  
#353430 - 3.0mm  
#353432 - 3.2mm



#353085  
Alu Rear Brace 7075 T6 (5mm)



#352086  
Alu Front Brace 7075 T6 (5mm)



#354050  
Graphite Center Diff  
Mounting Plate



#351340  
Graphite Upper Plate



#353369  
Graphite Mud Scraper Set



#352571  
Alu "3D" Steering Plate 7075 T6 (6mm)



#353323  
Alu Tq Rear Lower Susp. Holder  
Rear - 7075 T6 (5mm)



#353312  
Alu Tq Rear Lower Susp. Holder  
2°-4° Anti-squat  
Front - 7075 T6 (7mm)



#352332  
Alu Tq Front Upper Arm Holder  
7075 T6 (8mm)

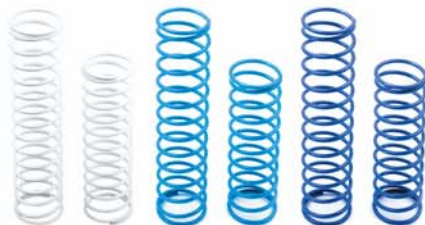


#352320  
Alu Front Lower Susp. Holder  
Rear - 7075 T6 (5mm)



#352311  
Alu Front Lower Susp. Holder  
Front - 7075 T6 (7mm)

XRAY Spring Set  
#358094 Soft - White (2+2)  
#358095 Medium - Light-Blue (2+2)  
#358096 Hard - Dark-Blue (2+2)



#352080  
Front Torque Rod Set



#355265  
Alu Wheel Nut With Cover  
Hard Coated (2)



Clutch Bell - HUDY Steel  
#358513 - 13T



#358514 - 14T  
#358515 - 15T



#355049 - 47T  
#355050 - 46T



#358900  
Alu Fuel Filter Set



#353550  
Alu Rear Wing  
Mount Brace (2pcs)



Clutch Springs V2  
#358583 - Soft  
#358584 - Medium  
#358585 - Hard  
#358586 - Extra Hard



#354121  
Steel Brake Pad - Laser Cut  
Hardened (4)



#339111  
Intellect Receiver Battery Pack  
1400mAh NiMH - 6.0V

Alu Wheel Axle Offset - Hard Coated



#355252  
"+2mm"

#355251  
"+1mm"



#356050  
Battery Cable With Switch

Truggy Aerodisk Wheels



#355127  
Active Diff Segment 120° (2pcs)



#358037  
4-hole Shock Pistons Straight (2pcs)



#359836 - Orange

#359838 - Pink

#359839 - Yellow

Rear Wing



#353515 - Black

#353518 - Pink

#353516 - Orange

#353519 - Yellow



#358951  
Silicone Tubing 1m  
Fluorescent Yellow



# OPTION PARTS FOR 1/18 TOURING CARS



## M18 PRO Conversion Sets



#381152 - M18 PRO Graphite Chassis,  
Top Deck, Batt. & Bumper Holder Set - Black

#381153 - M18 PRO Graphite Chassis,  
Top Deck, Batt. & Bumper Holder Set - Blue

#381154 - M18 PRO Graphite Chassis,  
Top Deck, Batt. & Bumper Holder Set - Silver

## Alu Wheel Axle



#385203 M18 PRO Alu Wheel Axle - Offset "0mm" (2)  
#385253 M18 PRO Alu Wheel Axle - Offset "+1.0mm" (2)  
#385254 M18 PRO Alu Wheel Axle - Offset "+2.0mm" (2)

## Alu Drive Shafts



#385203  
Alu Drive Shaft  
For Hex Adapter (2)

## Alu Steering Block



#382262  
Alu Suspension Block Right

#382252  
Alu Suspension Block Left



Foam Tires Mounted  
M18, NT18

#389531  
Rear - Soft (35DEG)  
#389533  
Rear - Medium (40DEG)  
#389534  
Front - Medium (40DEG)  
#389536  
Front - Hard (50DEG)



Foam Tires Mounted  
M18 PRO

#389541  
Rear - Soft (35DEG)  
#389543  
Rear - Medium (40DEG)  
#389544  
Front - Medium (45DEG)  
#389546  
Front - Hard (50DEG)



Rubber Tires + Inserts

#389635  
Rear (35DEG)  
#389650  
Front (50DEG)  
#389640  
Front+Rear (40DEG)



#385511  
Graphite Main  
Driveshaft  
M18  
M18 PRO



#389171  
XRAY Micro Servo XMS02MG  
Metal Gear



#389181  
XRAY Micro Speed Controller  
XMC300 with Brake



#38 9113 Intellect Battery  
Pack 5-cell 1400mah  
Nimh - 6.0v



#389114  
Intellect Battery Pack  
6-cell 1400mah Nimh - 7.2v



#385201  
Alu Drive Shaft - Set (2) - Blue  
M18, NT18



#385202  
Composite Drive Shaft  
with Hex Adapter - Set (2)



#382021  
Alu Motor Holder - Universal - Blue  
M18 only



#382023  
Alu Motor Holder  
M18 PRO - 7075 T6 (5mm)



#385101  
Front One-way  
Differential - Set - Blue



#385001  
Alu Adj. Ball Differential - Set  
Hard Coated



#385002  
Composite Adjustable Ball Differential



#381221  
Foam Bumper - Blue



#383300  
Adjustable Turnbuckle Set for Toe-in Adjustment



#385701  
Composite Pinion Set (13,14,15,16)



#383220  
Set of Rear Linkages 2.5° Toe-in (2)



Set of Suspension Arms  
#382106 - 6° Caster (2)  
#382107 - 6° Caster - Hard (2)



#382101  
Set of Suspension Arms,  
Lower + Upper (2+1+1) - Hard



#387541  
M18 Nickel Coated Pivot Ball  
4.2mm Type C (8)



#387561  
M18 Nickel Coated Pivot Ball  
5.8mm Type A (16)



#387562  
M18 Nickel Coated Pivot Ball  
5.8mm Type B (8)



#930125  
Carbide Ball-Bearing Axial  
2.5x5.4x0.8



#930120  
Carbide Ball  
2.4mm (12)



#940610  
High-Speed Ball-Bearing  
6x10x3 Rubber Sealed (2)



#382041  
Alu Heat Sink for  
Super Size Motor



#389163  
XRAY Micro Motor 370  
Supersize



#389701  
Micro Body 1/18 Supra - 150mm



#389702  
Micro Body 1/18 Lago - 150mm



#389703  
Micro Body 1/18 956 - 150mm



#389707  
Micro Body 1/18 NT18 - F360



#389706  
Micro Body 1/18 Touring - 150mm

The parts listed on this page will fit the M18, M18PRO and NT18. However, to use some parts may require the use of some other parts, therefore if you are not familiar with all the specifications we suggest that you contact your nearest XRAY Authorized Dealer to receive complete information. Or you may visit [www.teamxray.com](http://www.teamxray.com) where you will find complete information and specifications list. On the XRAY Web site you will also find all the latest and newest option parts, as well as more on which model the different option parts may fit or not.



# OPTION PARTS

## FOR 1/18 TRUCKS & MONSTER TRUCKS

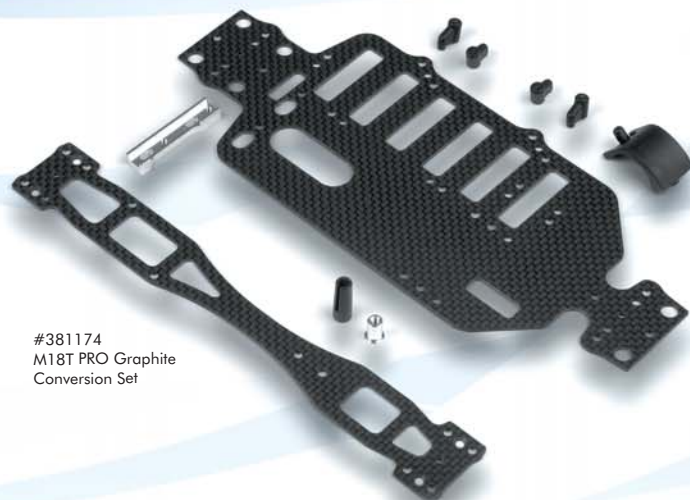


#381173  
M18T Graphite Micro Truck  
Conversion Set - Black

#381171  
M18T Graphite Micro Truck  
Conversion Set - Blue

#381172  
M18T Graphite Micro Truck  
Conversion Set - Silver

### Conversion Sets



#381174  
M18T PRO Graphite  
Conversion Set

#385524  
Graphite Main Driveshaft  
M18T PRO

#385305  
Drive Shafts  
Hudy Spring Steel™ Set (2)

### Alu Drive Shafts



#35301  
Alu Drive Shafts  
Complete Set (2)

### Alu Steering Block



#382252  
Alu Suspension  
Block - Left

#382262  
Alu Suspension  
Block - Right





#383302  
Adj. Turnbuckle Set for  
Toe-in Adjustment



Clutch Bell With Ball-Bearings - HUDY Steel  
#388516 - 16T - fits NT18T, NT18MT  
#388521 - 21T - fits NT18, NT18T, NT18MT  
#388523 - 23T - fits NT18  
#388525 - 25T - fits NT18



#388192  
XRAY Spring Front + Rear - Set  
Medium



#388191  
XRAY Spring Front + Rear - Set  
Soft-Medium



#388181  
XRAY Spring Front + Rear (4+4) - Set  
Soft



#382412  
Anti-Roll Bar Front & Rear  
1.2mm



#382052  
Alu Motor Holder  
7075 T6 (5mm)



#383095  
Alu Shock Tower Rear  
7075 T6 (4mm)



#382095  
Alu Shock Tower Front  
7075 T6 (4mm)



#385350  
Conversion Alu Wheel Hubs  
for Foam Tires



#388401  
Rear Alu Oil Shock  
Absorbers (2)



#388400  
Front Alu Oil Shock  
Absorbers (2)



#382041  
Alu Heat Sink  
for Super Size Motor



#385001  
Alu Adj. Ball Differential  
Hard Coated - Set



#940610  
High-Speed Ball-Bearing  
6x10x3 Rubber Sealed (2)

#389611  
Low Pin Rubber Tires  
- Hard Compound,  
Including  
Foam Inserts  
(4)



FOR M18T & NT18T

#389620  
Micro Monster Truck Tires  
- Thrax Pattern,  
Including  
Foam Inserts  
(4)



FOR M18MT & NT18MT

#389622  
Micro Monster Truck Tires  
- Skew Pattern,  
Including  
Foam Inserts  
(4)



FOR M18MT & NT18MT

#389581  
M18MT Rear Foam Tire Mounted  
(25deg) - White (2)  
#389582  
M18MT Rear Foam Tire Mounted  
(37deg) - Magenta (2)  
#389583  
M18MT R/F Foam Tire Mounted  
(42deg) - Purple (2)  
#389584  
M18MT Front Foam Tire Mounted  
(42/47deg) - Purple/Orange (2)



#389561  
M18T Rear Foam Tire Mounted  
(25deg) - White (2)  
#389562  
M18T Rear Foam Tire Mounted  
(37deg) - Magenta (2)  
#389563  
M18T R/F Foam Tire Mounted  
(42deg) - Purple (2)  
#389564  
M18T Front Foam Tire Mounted  
(42/47deg) - Purple/Orange (2)



#385521  
Graphite Main Driveshaft  
M18T, M18MT

Truck Body DRAGONFIRE - Pre-painted & Trimmed



#389774 - Green



#389773 - Red



#389772 - Blue



#389771 - Orange

XRAY Aerodisk Wheels (4)  
FOR M18T & NT18T



#389936 - Orange



#389939 - Yellow



#389938 - Pink

Monster Truck Body DRAGONFIRE - Pre-painted & Trimmed



#389766 - Green



#389765 - Red



#389764 - Blue



#389763 - Orange

XRAY Starburst Wheels (4) FOR M18MT & NT18MT



#389946 - Orange



#389949 - Yellow



#389948 - Pink



# OPTION PARTS FOR NT1

(RC Driver, USA)

"The NT1 has all the characteristics of a typical XRAY product from the great quality and design to the awesome handling."

"If you're looking for the next step to that first-place podium finish, then definitely take a look at the NT1."

"It is sure to bring every racer to the top of their game."

( Xtreme RC Cars, USA )

"Still XRAY has to be one of the most determined companies, and when they enter a market, they go in with the goal of making the best. The NT1 is what we've come to expect from XRAY: high quality and high performance."

"XRAY's engine mount system is awesome."

## XRAY MULTI-DIFF™

#335100 XRAY Multi-Diff™  
• one-way  
• solid one-way  
• solid axle



## Kevlar Drive Belts

Kevlar Reinforced Drive Belts

#335431  
Front 4.5 x 186mm



#335442  
Side 4 x 396mm



#335451  
Rear 5 x 177mm



## Brake Disk Adapter

#334141  
Lightweight Brake Disk Adapter  
Swiss 7075 T6



## Multi-Flex™

#338712  
Multi-Flex™  
1-Piece Engine  
Mounting System  
Swiss 7075 T6  
+ Graphite Braces



## Drive Flange

#335531  
Lightweight Drive Flange  
with One-Way Bearing  
Alu Swiss 7075 T6



## Alu Chassis

#331101  
Chassis 4mm  
Swiss 7075 T6







#338575  
Clutch Shoe - Yellow



#338531  
Lightweight Flywheel  
Swiss 7075 T6 - Hardcoated



#338511  
Lightweight Clutch Bell  
Hudy Spring Steel™



#335521  
Lightweight Carrier for  
2-Speed Gear (2nd)  
Swiss 7075 T6



#336155  
Graphite Battery Plate



#336060  
Receiver Switch - Set



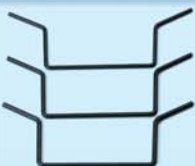
#336040  
Graphite Receiver Bracket Set



#335711  
Front Middle Shaft Lightweight  
Hudy Spring Steel™



#335511  
2-Speed Shaft Lightweight  
Hudy Spring Steel™



Anti-Roll Bar Rear  
#333422 - 2.2mm  
#333424 - 2.4mm  
#333426 - 2.6mm



#332451  
Front Anti-Roll Bar Male 0.7mm  
Hudy Spring Steel™



#332441  
Front Anti-Roll Bar Female 0.7mm  
Hudy Spring Steel™



#333431  
Rear Anti-Roll Bar Male 0.7mm  
Hudy Spring Steel™



#333401  
Rear Adjustable Anti-Roll Bar - Set



Offset Alu Wheel Hubs (2)  
#335250 - "0.00mm"  
#335251 - "-0.75mm"  
#335252 - "+0.75mm"



CVD Drive Shaft - Set - Hudy Spring Steel™  
#335205 - Front 55mm  
#335305 - Rear 60mm



#333061  
Graphite Roll-Center Bridge  
3.0mm



#336080  
Graphite Personal  
Transponder Bracket



Higher Body Mount Sets  
#301323 - Front +1mm  
#301324 - Front +2mm  
#301333 - Rear +1mm  
#301334 - Rear +2mm



#339901  
Pinion Gear Tool  
(20~23T, 15~18T)



XCA Alu 7075 T6 Hardcoated Pinion Gear  
#338515 - 15T (1st)  
#338516 - 16T (1st)  
#338517 - 17T (1st)  
#338518 - 18T (1st)



XCA Alu 7075 T6 Hardcoated Pinion Gear  
#338520 - 20T (2nd)  
#338521 - 21T (2nd)  
#338522 - 22T (2nd)  
#338523 - 23T (2nd)



Composite 2-Speed Spur Gear  
#335553 - 53T (2nd)  
#335554 - 54T (2nd)  
#335555 - 55T (2nd)

#335557 - 57T (1st)  
#335558 - 58T (1st)  
#335559 - 59T (1st)  
#335560 - 60T (1st)



#308305  
Alu Shock Absorber (2pcs)



Flywheel Collar  
#338540 - Novarossi 7mm  
#338541 - Picco 6mm



Composite Steering Block 1° King-Pin  
#332211 - Right  
#332221 - Left



#339111  
Receiver Battery Pack  
Intellect 1400mAh NiMH



#331201  
Wide Bumper



#331221  
Foam Bumper - Hard



#331215  
Graphite Upper  
Holder for Bumper



#335582  
Gear Box Spring  
Hard (2pcs)



#338582  
Clutch Spring  
Hard



25lb  
(#308386) 1.7



30lb  
(#308387) 1.8



35lb  
(#308388) 1.9



medium 28lb  
(#308396) 1.7



medium-hard 33lb  
(#308397) 1.8



soft-medium 28.5lb  
(#338183) 1.7



medium 30.5lb  
(#338184) 1.7



medium-medium 33lb  
(#338185) 1.8



medium-hard 35.5lb  
(#338186) 1.8



hard 38.5lb  
(#338187) 1.8

#### XRAY FRONT SPRING-SET

Rear Foam "B" Tire Mounted (2pcs)  
#339236 - 35 DEG  
#339238 - 37 DEG  
#339241 - 40 DEG  
#339243 - 42 DEG  
#339246 - 45 DEG

Front Foam "B" Tire Mounted (2pcs)  
#339235 - 35 DEG  
#339237 - 37 DEG  
#339240 - 40 DEG  
#339242 - 42 DEG  
#339245 - 45 DEG





XRAY  
Team T-Shirt - Blue  
#395016M - (M)  
#395016L - (L)  
#395016XL - (XL)  
#395016XXL - (XXL)  
#395016XXXL - (XXXL)



XRAY Team  
Lady T-Shirt - Light Blue  
#395031XS - (XS)  
#395031S - (S)  
#395031M - (M)  
#395031L - (L)  
#395031XL - (XL)



XRAY Team  
Lady T-Shirt - White  
#395030XS - (XS)  
#395030S - (S)  
#395030M - (M)  
#395030L - (L)  
#395030XL - (XL)



XRAY Team  
Lady T-Shirt - Dark Blue  
#395032XS - (XS)  
#395032S - (S)  
#395032M - (M)  
#395032L - (L)  
#395032 XL - (XL)



XRAY  
Team T-Shirt - Orange  
#395017M - (M)  
#395017L - (L)  
#395017XL - (XL)  
#395017XXL - (XXL)  
#395017XXXL - (XXXL)

XRAY Team  
Carrying Bag  
#397232



XRAY Luxury  
Fleece Sweater  
#396102 - (M)  
#396103 - (L)  
#396104 - (XL)  
#396105 - (XXL)



XRAY  
Windbreaker  
#396002 - (M)  
#396003 - (L)  
#396004 - (XL)  
#396005 - (XXL)



XRAY Authentic  
Stylish Polo Shirt  
#395202 - (M)  
#395203 - (L)  
#395204 - (XL)  
#395205 - (XXL)



XRAY  
Team Sweater  
#395412 - (M)  
#395413 - (L)  
#395414 - (XL)  
#395415 - (XXL)



XRAY Cap  
#396902 - (M)  
#396903 - (XL)  
#396904 - (XXL)



#397260  
XRAY Lanyard



#309901  
XRAY Aluminum 1/10 Touring  
Set-Up Board

#397292  
XRAY Pit Towel 730 x 450



#397291  
XRAY Pit Towel 1200 x 730



#397242  
Storage Box - Small



#397241  
Storage Box - Large



#397231  
XRAY Team Carrying Bag



XRAY Premium Fabric Indoor / Outdoor Banner



#397102 - 2x1m  
#397103 - 1.3x0.4m  
#397112 - 4x1m

**TEAM ACCESSORIES**



# PREMIUM SILICONE OIL

The small details are often the ones that yield the largest gains in racing. With this philosophy, XRAY is pleased to introduce a new high-quality, lab-certified line of oils that will make "dialing in" quicker and easier.

Manufactured in Europe by a specialized silicone oil premium manufacturer, these new oils were exclusively created for XRAY. Each batch of premium oil is laboratory tested and calibrated to ensure the highest possible consistency and quality from batch to batch. Based on the industry-proven CST rating, the new line of oils will be easy to identify, adjust, and feel.

All in all, every small detail of XRAY's new oil line has been covered, making for another extraordinary XRAY product line; perfect down to the last detail.

## XRAY Premium Silicone Oil

|                   |                       |
|-------------------|-----------------------|
| #359210 - 100 cSt | #359301 - 1000 cSt    |
| #359215 - 150 cSt | #359302 - 2000 cSt    |
| #359220 - 200 cSt | #359303 - 3000 cSt    |
| #359225 - 250 cSt | #359305 - 5000 cSt    |
| #359230 - 300 cSt | #359307 - 7000 cSt    |
| #359235 - 350 cSt | #359310 - 10 000 cSt  |
| #359240 - 400 cSt | #359320 - 20 000 cSt  |
| #359245 - 450 cSt | #359330 - 30 000 cSt  |
| #359250 - 500 cSt | #359340 - 40 000 cSt  |
| #359260 - 600 cSt | #359350 - 50 000 cSt  |
| #359270 - 700 cSt | #359360 - 60 000 cSt  |
| #359280 - 800 cSt | #359380 - 80 000 cSt  |
| #359290 - 900 cSt | #359392 - 100 000 cSt |
|                   | #359394 - 150 000 cSt |
|                   | #359396 - 200 000 cSt |
|                   | #359398 - 300 000 cSt |



EASY-TO-CUT NOZZLE  
ALLOWS HIGH-VISCOSITY  
OILS TO BE DISPENSED EASILY

SMALL LABEL WITH THE PRINTED  
VISCOSITY VALUE FOR INSTANT  
READING FROM TOP

BACK OF THE BOTTLE HAS A SMALL  
VIEWPORT TO SEE THE OIL LEVEL  
INSIDE THE BOTTLE

SMART XRAY OIL-SCALE IDENTIFIES  
POSITION OF THE PARTICULAR OIL

SQUARE SHAPE OF THE BOTTLE  
MAKES IT SUPER EASY TO SQUEEZE  
AND PREVENTS IT FROM ROLLING  
OFF YOUR WORKBENCH

LARGE EASILY-VISIBLE  
OIL VISCOSITY VALUE

BOTTLE SPECIFICALLY  
FOR RC CAR RACERS

CAP TIGHTENS SNUGGLY AND ITS  
POSITIVE SEAL PREVENTS LEAKAGE

SLIM NOZZLE  
MAKES FILLING  
EASY AND PREVENTS  
EXCESSIVE  
OIL FROM BEING  
SQUEEZED OUT

TESTED & CERTIFIED  
LABORATORY  
TESTED & CERTIFIED



THIS OIL VISCOSITY

ULTRA THIN

THIN

MEDIUM

THICK

EXTRA THICK

100cSt

500cSt

1000cSt

10.000cSt








300.000cSt

XRAY oils cover the complete range from Ultra Thin (100cSt)... Thin (1000 cSt)... Medium (5000cSt)... Thick (10.000cSt)... up to Extra Thick (300.000cSt), with numerous stages in between. With thinner oils suitable for shocks (up to Medium), and thicker oils suitable for differentials, you will be able to find the correct viscosity you need for your application.



|                       | <i><b>T2'008 US</b></i>   | <i><b>T2'008 EU</b></i>  | <i><b>NT1</b></i>   | <i><b>XB 808</b></i>   | <i><b>XT8</b></i>  | <i><b>M18 PRO</b></i>  |
|-----------------------|---|--|---|--|--|--|
|                       |             |          |  |  |        |         |
| Class:                | 1/10 electric touring car   | 1/10 electric touring car  | 1/10 nitro touring car  | 1/8 nitro off-road car   | 1/8 nitro truggy   | 1/18 electric on-road micro car  |
| Model type:           | kit, must be assembled  | kit, must be assembled   | kit, must be assembled  | kit, must be assembled   | kit, must be assembled   | kit, must be assembled   |
| Part number:          | <b>#300012</b>  | <b>#300010 (5-cell)/#300011 (6-cell)</b>   | <b>#330000</b>  | <b>#350003</b>   | <b>#350200</b>   | <b>#380002</b>   |
| Racing level:         | PRO RACING  | PRO RACING   | PRO RACING  | PRO RACING   | PRO RACING   | PRO RACING   |
| <b>Specifications</b> |   |  |   |  |  |  |
| Length w/o body:      | 372 mm  | 372 mm   | 370 mm  | 490 mm   | 562 mm   | 220 mm   |
| Chassis length:       | 328 mm  | 326 mm   | 331 mm  | 400 mm   | 440 mm   | 200 mm   |
| Wheelbase:            | adjustable 256 ~ 261 mm   | adjustable 256 ~ 261 mm  | adjustable 258 ~ 260 mm   | 319 ~ 330 mm   | 368 ~ 372 mm   | 150 mm   |
| Width:                | adjustable 189 mm   | adjustable 189 mm  | adjustable 197 ~ 200 mm   | 308 mm   | 428 mm front; 430 mm rear  | 100 mm front; 107 mm rear  |
| Weight:               | 538 g   | 492 g  | 920 g   | 1869 g   | 2522 g   | 154 g  |
| Ready-to-run weight:  | 1395 g  | 1375 g   | 1620 g  | 3250 g   | 3870 g   | 440 g  |
| Chassis:              | graphite 3.5 mm   | graphite 2.5 mm  | Swiss 7075 T6 aluminum 3.0mm  | Swiss 7075 T6 hardcoated aluminum 3.0mm  | Swiss 7075 T6 hardcoated aluminum 3.0mm  | graphite 1.6 mm  |
| Drive train:          | dual belt, 4WD  | dual belt, 4WD   | triple belt, 4WD  | full-time shaft-drive 4WD w/center differential                                    | full-time shaft-drive 4WD w/center differential  | shaft-drive 4WD  |
| Drive ratio:          | 1.7   | 2.375  | 2-speed: 1st 7.56; 2nd 5.27   | 12.04  | 15.88  | 2.5  |
| Front differential:   | composite ball differential   | composite solid axle   | sealed, silicone-filled gear diff   | sealed, silicone-filled gear diff  | sealed, silicone-filled gear diff  | composite ball differential - adjustable   |
| Rear differential:    | composite ball differential   | composite ball differential  | sealed, silicone-filled gear diff   | sealed, silicone-filled gear diff  | sealed, silicone-filled gear diff  | composite ball differential - adjustable   |
| Drive axle:           | CVD driveshafts - Hudy Spring Steel™  | CVD driveshafts - Hudy Spring Steel™   | Hudy Spring Steel™ front CVD driveshafts/rear dogbone driveshafts                 | CVD drive shafts - Hudy Spring Steel™  | CVD drive shafts - Hudy Spring Steel™  | universal joints with hex hub - composite  |
| Suspension:           | C-hub suspension  | C-hub suspension   | pivot ball suspension   | Zero King-pin suspension   | C-hub suspension with I.S.S.™  | pivot suspension   |
| Shocks:               | XRAY 4-step externally adjustable, oil-filled, coil-over shocks, Light-Purple/White springs | XRAY 4-step externally adjustable, oil-filled, coil-over shocks, C2.6/C2.8 Black springs | XRAY 4-step externally adjustable, oil-filled, coil-over shocks                   | Machined aluminum, oil-filled coil-over shocks with 3.5mm shafts                   | Machined aluminum, oil-filled coil-over shocks with 3.5mm shafts and rubber shaft covers | friction-type coil-over shocks   |
| Top deck:             | wide graphite top deck  | narrow graphite top deck   | 2.5mm graphite radio plate  | graphite radio plate   | Swiss 7075 T6 aluminum 3.0mm radio plate   | narrow graphite top deck   |
| Spur gear:            | 64P 116T - composite  | 48P 84T - composite  | 48P 59T (1st); 48P 54T (2nd)  | 48P 43T F/R; 48P 42T - steel   | 48P 43T F/R; 48P 48T - steel   | 48P 42T or 36T - composite   |
| Arms:                 | Extra-Hard Foam-Spec (XH)   | Hard Rubber-Spec (H)   | standard  | lower H-arm with adjustable upper camber link                                      | lower H-arm with adjustable upper camber link  | hard   |
| <b>Adjustability</b>  |   |  |   |  |  |  |
| Camber:               | adjustable front + rear   | adjustable front + rear  | adjustable front + rear   | fully adjustable   | fully adjustable   | preset front/rear: -1°   |
| Front Caster:         | 4° static (optional 0°, 2° or 6°) with .75° ~ 1.5° adjustability using squat/dive           | 4° static (optional 0°, 2° or 6°) with .75° ~ 1.5° adjustability using squat/dive        | adjustable  | preset 20°   | preset 15° in caster block, adjustable with with I.A.C.™                                 | preset 6°; optional 12°  |
| Toe-in:               | adjustable front + rear   | adjustable front + rear  | adjustable front + rear   | fully adjustable front; rear toe-in 3°   | fully adjustable front; rear toe-in 2° or 3°   | preset front toe-out 0.5° (adjustable option)<br>preset rear toe-in 4° (adjustable option) |
| Downstops:            | adjustable front + rear   | adjustable front + rear  | adjustable front + rear   | adjustable front + rear  | adjustable front + rear  | adjustable front + rear  |
| Front anti-dive:      | adjustable 0° ~ 3°  | adjustable 0° ~ 3°   | non-adjustable  | Kick-up 10°  | Kick-up 4° or 5°   | non-adjustable   |
| Rear anti-squat:      | adjustable 0° ~ 3°  | adjustable 0° ~ 3°   | non-adjustable  | 2°   | 1° or 2°   | non-adjustable   |
| Anti-roll bars:       | front 1.4 mm + rear (optional)  | front 1.6 mm + rear 1.4 mm   | adjustable front + rear 2.0 mm (optional adjustable)                              | front 2.4 mm + rear 2.4 mm   | front 2.4 mm + rear 2.8 mm   | not available  |
| <b>Equipment:</b>     |   |  |   |  |  |  |
| Transmitter:          | no  | no   | no  | no   | no   | no   |
| Receiver:             | no  | no   | no  | no   | no   | no   |
| Transmitter battery:  | no  | no   | no  | no   | no   | no   |
| Wheels:               | no  | no   | yes (XRAY Nitro-Star touring)   | no   | yes (XRAY Truggy Dish)   | yes  |
| Tires:                | no  | no   | no  | no   | yes (XRAY Truggy Thrax)  | yes (foam 50 DEG front; 35 DEG rear)   |
| Body:                 | no  | no   | no  | yes (clear XRAY Buggy body)  | yes (clear XRAY Truggy body)   | yes (clear touring body)   |
| Electric motor:       | no  | no   |   |  |  | no   |
| Speed controller:     | no  | no   |   |  |  | no   |
| Battery pack:         | no  | no   |   |  |  | no   |
| Steering servo:       | no  | no   |   |  |  | no   |
| Nitro engine:         |   |  | no  | no   | no   |  |
| Muffler:              |   |  | no  | no   | no   |  |
| Throttle servo:       |   |  | no  | no   | no   |  |
| Receiver battery:     |   |  | no  | no   | no   |  |
| Switch:               |   |  | no (optional)   | no (optional)  | no (optional)  |  |
| Start box:            |   |  | no  | no   | no   |  |
| Fuel:                 |   |  | no  | no   | no   |  |
| Glow heater:          |   |  | no  | no   | no   |  |
| Paint:                | no  | no   | no  | no   | no   | no   |
| Charger:              | no  | no   | no  | no   | no   | no   |
| Tools:                | turnbuckle tool   | turnbuckle tool  | turnbuckle tool   | universal tool   | universal tool   | no   |



|                       | <i><b>M18</b></i>  |                       | <i><b>M18T PRO</b></i>  |  | <i><b>M18T</b></i>  |                        |                          | <i><b>M18MT</b></i>   |                             |                          | <i><b>NT18</b></i>   |                        | <i><b>NT18T</b></i>   |                             |                             | <i><b>NT18MT</b></i>  |  |
|-----------------------|--|-----------------------|---|--|---|------------------------|--------------------------|---|-----------------------------|--------------------------|--|------------------------|---|-----------------------------|-----------------------------|---|--|
|                       |           |                       |  |  |  |                        |                          |  |                             |                          |         |                        |  |                             |                             |  |  |
| Class:                | 1/18 electric on-road micro car  |                       | 1/18 electric off-road truck  |  | 1/18 electric off-road truck  |                        |                          | 1/18 electric monster truck   |                             |                          | 1/18 nitro on-road micro car   |                        | 1/18 nitro micro truck  |                             |                             | 1/18 nitro micro monster truck  |  |
| Model type:           | kit, must be assembled   | RTR                   | KIT   |  | KIT   | KIT + Power Pack       | RTR                      | KIT   | KIT + Power Pack            | RTR                      | KIT  | KIT + Electric Pack    | KIT   | KIT + Electric Pack         | RTR                         | RTR   |  |
| Part number:          | <b>#380000</b>   | <b>#380040</b>        | <b>#380501</b>  |  | <b>#380500</b>  | <b>#380591</b>         | <b>#380540</b>           | <b>#380600</b>  | <b>#380691</b>              | <b>#380640</b>           | <b>#380200</b>   | <b>#380291</b>         | <b>#380700</b>  | <b>#380791</b>              | <b>#380740</b>              | <b>#380840</b>  |  |
| Racing level:         | CLUB RACING  | FUN                   | PRO RACING  |  | PRO RACING  | CLUB RACING            | FUN                      | PRO RACING  | CLUB RACING                 | FUN                      | FUN  | FUN                    | FUN   | FUN                         | FUN                         | FUN   |  |
| <b>Specifications</b> |  |                       |   |  |   |                        |                          |   |                             |                          |  |                        |   |                             |                             |   |  |
| Length w/o body:      | 215 mm   |                       | 228 mm  |  | 212 mm  |                        |                          | 222 mm  |                             |                          | 220 mm   |                        | 208 mm  |                             |                             | 222 mm  |  |
| Chassis length:       | 200 mm   |                       | 201 mm  |  | 185 mm  |                        |                          | 185 mm  |                             |                          | 201 mm   |                        | 185 mm  |                             |                             | 185 mm  |  |
| Wheelbase:            | 149 mm   |                       | 166 mm  |  | 150 mm  |                        |                          | 150 mm  |                             |                          | 150 mm   |                        | 150 mm  |                             |                             | 150 mm  |  |
| Width:                | 98—101 mm front; 104—107 mm rear   |                       | 178 mm front; 180 mm rear   |  | 178 mm front; 180 mm rear   |                        |                          | 178 mm front; 180 mm rear   |                             |                          | 98—101 mm front; 104—107 mm rear   |                        | 178 mm front; 180 mm rear   |                             |                             | 197 mm front; 199 mm rear   |  |
| Weight:               | 204 g  | 390 g                 | 338 g   |  | 330 g   | 545 g                  | 560 g                    | 420 g   | 645 g                       | 660 g                    | 430 g  | 505 g                  | 585 g   | 665 g                       | 680 g                       | 760 g   |  |
| Ready-to-run weight:  | 390 g  | 390 g                 | 568 g   |  | 560 g   | 560 g                  | 560 g                    | 660 g   | 660 g                       | 660 g                    | 520 g  | 520 g                  | 680 g   | 680 g                       | 680 g                       | 760 g   |  |
| Chassis:              | composite chassis  |                       | graphite 2.0 mm   |  | composite chassis   |                        |                          | composite chassis   |                             |                          | Swiss 7075 T6 aluminum 1.5mm   |                        | Swiss 7075 T6 aluminum 1.5mm  |                             |                             | Swiss 7075 T6 aluminum 1.5mm  |  |
| Drive train:          | shaft-drive 4WD  |                       | shaft-drive 4WD   |  | shaft-drive 4WD   |                        |                          | shaft-drive 4WD   |                             |                          | shaft-drive 4WD  |                        | shaft-drive 4WD   |                             |                             | shaft-drive 4WD   |  |
| Drive ratio:          | 2.5  |                       | 2.5   |  | 2.5   |                        |                          | 2.5   |                             |                          | 2.5  |                        | 2.5   |                             |                             | 2.5   |  |
| Front differential:   | composite gear differential  |                       | composite ball differential - adjustable  |  | composite ball differential - adjustable  |                        |                          | composite ball differential - adjustable  |                             |                          | composite gear differential  |                        | composite ball differential - adjustable  |                             |                             | composite ball differential - adjustable  |  |
| Rear differential:    | composite gear differential  |                       | composite ball differential - adjustable  |  | composite ball differential - adjustable  |                        |                          | composite ball differential - adjustable  |                             |                          | composite gear differential  |                        | composite ball differential - adjustable  |                             |                             | composite ball differential - adjustable  |  |
| Drive axle:           | universal joints - composite   |                       | universal joints with hex hub - composite   |  | universal joints with hex hub - composite   |                        |                          | universal joints with hex hub - composite   |                             |                          | universal joints - composite   |                        | universal joints with hex hub - composite   |                             |                             | universal joints with hex hub - composite   |  |
| Suspension:           | pivot suspension   |                       | pivot suspension  |  | pivot suspension  |                        |                          | pivot suspension  |                             |                          | pivot suspension   |                        | pivot suspension  |                             |                             | pivot suspension  |  |
| Shocks:               | friction-type coil-over shocks   |                       | oil-filled coil-over shocks<br>soft-medium shock springs                          |  | oil-filled coil-over shocks<br>soft-medium shock springs                          |                        |                          | 8x oil-filled coil-over shocks<br>soft shock springs                                |                             |                          | friction-type coil-over shocks   |                        | oil-filled coil-over shocks<br>medium springs                                       |                             |                             | 8x oil-filled coil-over shocks<br>soft shock springs                                |  |
| Top deck:             | composite center linkage   |                       | graphite 2.0 mm upper deck  |  | composite upper deck  |                        |                          | composite upper deck  |                             |                          | steel center linkage   |                        | composite upper deck  |                             |                             | composite upper deck  |  |
| Spur gear:            | 48P 36T - composite  |                       | 48P 54T - composite   |  | 48P 54T - composite   |                        |                          | 48P 54T - composite   |                             |                          | 48P 42T - composite  |                        | 48P 54T - steel   |                             |                             | 48P 65T - steel   |  |
| Arms:                 | medium   |                       | standard  |  | standard  |                        |                          | standard  |                             |                          | hard   |                        | standard  |                             |                             | medium  |  |
| <b>Adjustability</b>  |  |                       |   |  |   |                        |                          |   |                             |                          |  |                        |   |                             |                             |   |  |
| Camber:               | preset front/rear: -1°   |                       | preset front/rear: -2°  |  | preset front/rear: -2°  |                        |                          | preset front/rear: -2°  |                             |                          | preset front/rear: -1°   |                        | preset front/rear: -2°  |                             |                             | preset front/rear: -2°  |  |
| Front Caster:         | preset 12°; optional 6°  |                       | preset 12°  |  | preset 12°  |                        |                          | preset 12°  |                             |                          | preset 12°   |                        | preset 12°  |                             |                             | preset 12°  |  |
| Toe-in:               | preset front toe-out 0.5° (adjustable option)<br>preset rear toe-in 4° (adjustable option) |                       | preset front toe-out 0.5°<br>preset rear toe-in 3.5°                              |  | preset front toe-out 0.5°<br>preset rear toe-in 3.5°                              |                        |                          | preset front toe-out 0.5°<br>preset rear toe-in 3.5°                                |                             |                          | preset front toe-out 0.5° (adjustable option)<br>preset rear toe-in 4° (adjustable option) |                        | preset front toe-out 0.5°<br>preset rear toe-in 3.5°                                |                             |                             | preset front toe-out 0.5°<br>preset rear toe-in 3.5°                                |  |
| Downstops:            | adjustable front + rear  |                       | non-adjustable  |  | non-adjustable  |                        |                          | non-adjustable  |                             |                          | adjustable front + rear  |                        | non-adjustable  |                             |                             | non-adjustable  |  |
| Front anti-dive:      | non-adjustable   |                       | non-adjustable  |  | non-adjustable  |                        |                          | non-adjustable  |                             |                          | non-adjustable   |                        | non-adjustable  |                             |                             | non-adjustable  |  |
| Rear anti-squat:      | non-adjustable   |                       | non-adjustable  |  | non-adjustable  |                        |                          | non-adjustable  |                             |                          | non-adjustable   |                        | non-adjustable  |                             |                             | non-adjustable  |  |
| Anti-roll bars:       | not available  |                       | front 1.0 mm + rear 1.0 mm  |  | front 1.0 mm + rear 1.0 mm  |                        |                          | optional front + rear   |                             |                          | not available  |                        | front 1.0 mm + rear 1.0 mm  |                             |                             | optional front + rear   |  |
| <b>Equipment:</b>     | Kit:   | RTR:                  | KIT   |  | KIT + Power Pack  | RTR                    | KIT                      | KIT + Power Pack  | RTR                         | KIT                      | KIT + Electric Pack  | KIT                    | KIT + Electric Pack   | RTR                         |                             |   |  |
| Transmitter:          | no   | yes                   | no  |  | no  | yes (XRAY XT1)         | no                       | no  | yes (XRAY XT1)              | no                       | no   | no                     | no  | yes (XRAY XT1)              | yes (XRAY XT1)              |   |  |
| Receiver:             | no   | yes                   | no  |  | no  | yes (XRAY XR1)         | no                       | no  | yes (XRAY XR1)              | no                       | no   | no                     | no  | yes (XRAY XR1)              | yes (XRAY XR1)              |   |  |
| Transmitter battery:  | no   | no                    | no  |  | no  | no                     | no                       | no  | no                          | no                       | no   | no                     | no  | no                          | no                          |   |  |
| Wheels:               | yes  | yes (pre-glued)       | yes   |  | yes   | yes                    | yes                      | yes   | yes                         | yes                      | yes  | yes                    | yes   | yes                         | yes                         |   |  |
| Tires:                | yes (rubber)   | yes (pre-glued)       | yes   |  | yes   | yes (pre-glued)        | yes                      | yes   | yes (pre-glued)             | yes                      | yes (foam 50 DEG front; 35 DEG rear)   | yes                    | yes (pre-glued)   | yes (pre-glued)             | yes (pre-glued)             |   |  |
| Body:                 | clear body   | pre-painted & trimmed | yes (clear truck body)  |  | yes (clear truck body)  | yes (clear truck body) | yes (clear monster body) | yes (clear monster body)  | yes (pre-painted & trimmed) | yes (clear touring body) | yes (clear touring body)   | yes (clear truck body) | yes (clear truck body)  | yes (pre-painted & trimmed) | yes (pre-painted & trimmed) |   |  |
| Electric motor:       | no   | yes (XRAY 180)        | no  |  | no  | yes (XRAY 370)         | yes (XRAY 370)           | no  | yes (XRAY 370)              | yes (XRAY 370)           |  |                        |   |                             |                             |   |  |
| Speed controller:     | no   | yes (XMC 180)         | no  |  | no  | yes (XMC 300R)         | yes (XMC 300R)           | no  | yes (XMC 300R)              | yes (XMC 300R)           |  |                        |   |                             |                             |   |  |
| Battery pack:         | no   | yes                   | no  |  | no  | yes                    | yes                      | no  | yes                         | yes                      |  |                        |   |                             |                             |   |  |
| Steering servo:       | no   | yes (XMS-01MG)        | no  |  | no  | yes (XMS01MG)          | yes (XMS01MG)            | no  | yes (XMS01MG)               | yes (XMS01MG)            | no   | yes (XMS-01MG)         | no  | yes (XMS-01MG)              | yes (XMS-01MG)              | yes (XMS-01MG)  |  |
| Nitro engine:         |  |                       |   |  |   |                        |                          |   |                             |                          | yes (0.8cc)  | yes (0.8cc)            | yes (0.8cc)   | yes (0.8cc)                 | yes (0.8cc)                 | yes (0.8cc)   |  |
| Muffler:              |  |                       |   |  |   |                        |                          |   |                             |                          | yes  | yes                    | yes   | yes                         | yes                         | yes   |  |
| Throttle servo:       |  |                       |   |  |   |                        |                          |   |                             |                          | no   | yes (XMS-01MG)         | no  | yes (XMS-01MG)              | yes (XMS-01MG)              | yes (XMS-01MG)  |  |
| Receiver battery:     |  |                       |   |  |   |                        |                          |   |                             |                          | no   | yes                    | no  | yes                         | yes                         | yes   |  |
| Switch:               |  |                       |   |  |   |                        |                          |   |                             |                          | no   | yes                    | no  | yes                         | yes                         | yes   |  |
| Start box:            |  |                       |   |  |   |                        |                          |   |                             |                          | yes  | yes                    | yes   | yes                         | yes                         | yes   |  |
| Fuel:                 |  |                       |   |  |   |                        |                          |   |                             |                          | no   | no                     | no  | no                          | no                          | no  |  |
| Glow heater:          |  |                       |   |  |   |                        |                          |   |                             |                          | no   | no                     | no  | no                          | no                          | no  |  |
| Paint:                | no   | no                    | no  |  | no  | no                     | no                       | no  | no                          | no                       | no   | no                     | no  | no                          | no                          | no  |  |
| Charger:              | no   | no                    | no  |  | no  | no                     | no                       | no  | no                          | no                       | no   | no                     | no  | no                          | no                          | no  |  |
| Tools:                | Philips screwdriver  | no                    | no  |  | Philips screwdriver   | Philips screwdriver    | no                       | Philips screwdriver   | Philips screwdriver         | no                       | no   | no                     | Philips screwdriver   | Philips screwdriver         | no                          | no  |  |



# VISION EXCLUSIVITY.COM

**XRAY - the manufacturer of Luxury Model Racing Cars - was established in the year 2000 by Dipl. Eng. Juraj Hudy. Despite the short history of the XRAY company, the founder has had long and successful experiences in designing RC model racing cars.**

**1972**

first self-designed and manufactured slotcars. Mr. Hudy became Multi-Champion of Middle and Eastern Europe in slotcar racing. These slotcars were No. 1 at that time and were winning all the races.

**1973**

a new RC car was designed with the motor in a vertical position. The car featured solid suspension and a flexible chassis.



**1975**

the first RC cars were designed and produced; the focus was on nitro and electric cars. All of the cars were handmade in small series in a workshop 9m<sup>2</sup>. At the same time, the first handmade bodies were produced from laminate and epoxy material.



**1981**

a new nitro car featured solid suspension, a central differential, adjustable width and caster, and simple dampening. The first bodies were produced using a vacuum machine and special ABS material. From this year onwards, 10-15 cars were hand-made each year.



**1977**

Mr. Hudy produced hand-made chassis plates from 4mm thick duraluminum. the car in the picture, called SHADOW, uses this kind of chassis.



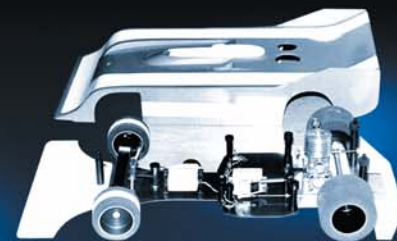
**1979**

Mr. Hudy designed a new nitro car with the motor in a horizontal position. The car featured solid rear suspension and a front suspension using simple dampening.



**1980**

a newly-designed nitro car featured a differential in the wheel. The front of the chassis was made from fiberglass, and the rear from duraluminum.



# LEGEND HER



# AWARDS QUALITY COMMITMENT

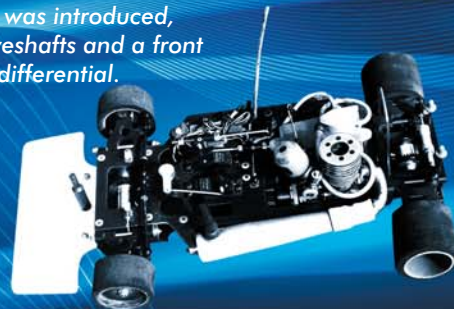
**1982**

a new nitro car featured independent suspension, rear differential, and direct drive through gears between motor and rear transmission. A front central shock is used, and a wing is attached directly to the rear suspension.



**1985**

one of the world's first 4WD nitro cars was introduced, using driveshafts and a front one-way differential.



**1986**

a new nitro car featured an automatic 2-speed transmission, and fully-enclosed front and rear transmissions to provide dust protection. This car was great for dusty racing conditions.



**1987**

a new nitro car was produced, based on the successful 1982 design. New centrally-mounted front shocks and an anti-roll bar were introduced. This ultra-stiff chassis design was the most professional, and achieved the greatest racing performance at the time.



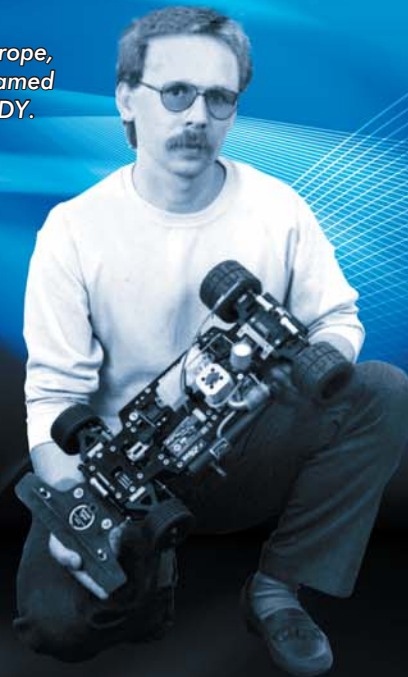
**1988**

the first off-road car is designed and manufactured. An improved nitro car also appeared, based on the successful 1987 design, and also featured ultra lightweight materials. These cars featured a purely technical design oriented for highest performance racing.



**1990**

after the fall of communism in Eastern Europe, Mr. Hudy establishes his first company, named SPECIAL, which was later renamed to HUDY. Mr. Hudy moves manufacturing from his own flat/workshop to a garage 60m<sup>2</sup>. The first machines are bought and real production begins. The company focuses on designing accessories and tools for slotcars. The first comm lathes and slotcar tire truers are designed. In year 2000 HUDY company had 60 employees and over 2000m<sup>2</sup> production factory with production focused on the premium tools and accessories as well production of special parts for Serpent cars.



**1999**

at the end of the year 1999 Mr. Hudy establishes the new company XRAY which focuses its many years of design and manufacturing experience to produce high-tech, high-quality luxury RC model racing cars and in the year 2000 the first project T1 was introduced to the market. Since that short time XRAY has gained the reputation as the world's most prestigious and most admired RC model car manufacturer and the story continues...



**2000...**

XRAY modern history begins...

# FASCINATION RACING PASSION



#### **XRAY Millennium RC Factory facts:**

- operation started in 2007
- the largest RC manufacturing plant solely dedicated for luxury RC cars
- the facility is the size of a soccer stadium!
- the new facility includes everything necessary to design, develop, and produce the largest line of RC cars in-house
- production capacity of tens of thousands of RC parts per month
- dozens of the most modern German and Swiss CNC high-capacity, high-precision manufacturing machines
- more than 100 employees who are specially skilled and trained for RC car production

#### **XRAY Millennium RC Factory features:**

- large assembly line and packaging department to export products quickly
- extensive stock of all XRAY products guarantees 24-hour delivery with an astonishing 99% fill rate of available XRAY products
- the large factory is strategically divided into key sectors designed to make production clean and fast
- in-house R&D, marketing, sales, desktop publishing and accounting departments
- two indoor racetracks for prototype testing
- one of the largest asphalt indoor racetracks can be turned into a carpet indoor racetrack for electric car testing
- outdoor asphalt racetrack for testing and development
- outdoor off-road racetrack for off-road car testing and development

Large CNC milling department Unique, fully-automatic color-coating and hard-coating robot-operated line



Technology project was partially financially supported by European Union.



Exclusive world's largest asphalt indoor racetrack for instant prototype testing

**XRAY**

**MILLENNIUM FACTORY**



Highest-capacity German 11-axis CNC-cutting machines



All moulds are manufactured using state-of-the-art Swiss CNC mould-making machines



Composite parts are injected using precision German moulding machines



All precision parts are hand-ground on very precise grinding machines



Another CNC milling department





**[www.teamxray.com](http://www.teamxray.com)**

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