



XRAY

LUXURY MODEL RACING CARS

2010

2009 VICTORIES

1/10 Electric Touring cars

US Touring Car Champion 13.5 Foam
US Touring Car Champion 10.5 Rubber
US Touring Car Champion Mod Foam
US Touring Car Champion 17.5 Rubber
Carpet Wars World Cup Winner Superstock
Carpet Wars World Cup Winner Modified
US Snowbirds National Champion 10.5 Rubber
US Snowbirds National Champion Pro Mod
LRP Master Winner Stock
ETS Pro Winner Stock
US ROAR Carpet National Champion Superstock + Vice-Champion
US ROAR Carpet National Champion Touring Modified
German Indoor Champion Stock + Vice-Champion
German Summer Champion
Italian UISP Champion Supersport
Italian UISP Champion Sport + Vice-Champion
Italian UISP Champion Modified
International Indoor Champion Modified
International Indoor Champion 13.5 Foam + Vice-Champion
Danish National Vice-Champion
French National Cup Winner Stock
US ROAR Asphalt National Champion Modified
US ROAR Asphalt National Champion Superstock
US ROAR Asphalt National Champion Stock
Portugese National Champion
Thailand National Champion + Vice Champion
Futaba Cup Winner
Czech Grand Prix Winner
Malaysian National Champion
UISP Indoor National Champion Sport
UISP Indoor National Champion Supersport
UISP Indoor National Champion Modified
Portugese Cup Winner
Swiss National Champion
European Indoor Junior Champion
Cleveland Indoor Champion Modified

1/10 Nitro Touring cars:

European Champion + Vice-Champion
European "B" Champion
USA National Champion
European Junior Champion
European "B" Junior Champion
European Nordic Champion
German National Champion + Vice-Champion
USA Winternats Vice-Champion
UK National Champion
Swiss National Champion + Vice-Champion
Spanish National Champion
Austrian National Champion + Vice-Champion
Austrian Junior Champion
Danish National Champion
Belgium National Champion + Vice-Champion
French National Champion + Elite-Champion
Italian National F1 Champion + Vice-Champion
Italian National F2 Champion + Vice-Champion
USA Capital Classics Winner

1/8 Off-road Nitro Buggy:

Belgium National Champion
Finnish National Champion
Cyprus National Champion
New Zealand National Champion
Nitromasters Winner
European Champion (40+)
Pre-FEMCA Open Winner
Danish Cup Winner
Wiregrass Nationals Winner
Bundaberg Nitro Classics Champion
Danish Cup Winner
Waikato Off-Road Champion
Swiss National Champion - Amateur

1/8 Nitro Truggy:

Australian National Champion
German Messecup Winner
Bundaberg Nitro Classics Champion
Australian Waikato Off-road Gas Champion
German Nitromasters Winner

1/12 Pan cars:

European Junior Champion
UK National Champion
Italian Champion
Korean KMRC Champion

1/18 Micro cars:

US On-road National Champion Stock + Vice-Champion
US On-road National Champion Modified
German On-road Champion Modified
German On-road Champion Stock
German Off-road Champion Modified
German Off-road Champion Stock



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.

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.

20X CAR OF THE YEAR

CAR OF THE YEAR 2001

CAR OF THE YEAR 2002

CAR OF THE YEAR 2003

WORLD'S BEST OFF-ROAD CAR 2004

CAR OF THE YEAR 2004

CAR OF THE YEAR 2005

WORLD'S BEST CRAFTED TOURING CAR AWARD

WORLD'S BEST TOURING CAR AWARD

WORLD'S BEST BELT DRIVEN TOURING CAR AWARD

CAR OF THE YEAR 2006

BUGGY OF THE YEAR 2006

BEST OF 2006

READER'S CHOICE AWARD 2007

CAR OF THE YEAR 2007

TOURING CAR OF THE YEAR 2007

CAR OF THE YEAR 2008

NITRO TOURING CAR OF THE YEAR 2008

READER'S CHOICE AWARD 2008

ELECTRIC TOURING CAR OF THE YEAR 2008

VIEWERS CHOICE AWARD 2009



DESIGNING

DEVELOPING

WINNING

DIPL. ENG. **JURAJ HUDÝ** XRAY CHIEF DESIGNER

MARTIN HUDÝ XRAY PRO DRIVER & DESIGNER

2X
CAR OF THE YEAR

car action
Reader's
Choice Award

PURE
RACING
DESIGN

QUALITY
HIGHEST PERFORMANCE
LOWEST CG

**2010
SPECS**



- 2009 VICTORIES**
- EUROPEAN CHAMPION & VICE-CHAMPION
 - EUROPEAN NORDIC CHAMPION
 - USA NATIONAL CHAMPION
 - USA WINTERNATS VICE-CHAMPION
 - UK NATIONAL CHAMPION
 - GERMAN NATIONAL CHAMPION & VICE-CHAMPION
 - SWISS NATIONAL CHAMPION, VICE-CHAMPION
 - SPANISH NATIONAL CHAMPION
 - AUSTRIAN NATIONAL CHAMPION, VICE-CHAMPION
 - AUSTRIAN JUNIOR CHAMPION
 - DANISH NATIONAL CHAMPION & VICE-CHAMPION
 - BELGIUM NATIONAL CHAMPION & ELITE-CHAMPION
 - FRENCH NATIONAL CHAMPION, VICE-CHAMPION
 - ITALIAN NATIONAL F1 CHAMPION, VICE-CHAMPION
 - ITALIAN NATIONAL F2 CHAMPION, VICE-CHAMPION
 - EUROPEAN "B" CHAMPION
 - CAPITOL CLASSICS WINNER

2X
USA
CHAMPION

1X
EUROPEAN
CHAMPION

2X
EUROPEAN
CHAMPION "B"

2X
LIFETIME
EUROPEAN
CHAMPION

Dirk Wischnewski



Paul Lemieux

MTA

1/10 LUXURY NITRO TOURING CAR

**EUROPEAN & USA
CHAMPIONS**



New radio plate CNC-machined from high-grade graphite material



New rear shock tower with more precise shock positions adjustment



New rear roll center bridge with more precise roll center positions adjustment



New front lower suspension arms allow wheelbase adjustment



New wider drive train belts with PUR reinforcement

MULTI FLEX™

Available as option only

Unique 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

HIGH-PERFORMANCE PARTS



Premium Hudy Spring Steel™ adjustable turnbuckles



Quick-set 2-piece aluminum engine mounting system



Hudy Spring Steel™ wheel axles and diff outrives



Exclusive Hudy Spring Steel™ front & rear CVD drive shafts

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



Exclusive XRAY aluminum 4-step externally-adjustable racing shocks w/ selected springs



High-speed lightly-oiled selected ball-bearings

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.

• 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

READERS' CHOICE AWARDS WINNER
CAR OF THE YEAR 2008
CAR OF THE YEAR 2007



QUALITY | LUXURY
PERFORMANCE
FOR EVERY RACER



Biagio Spataro
European Junior Champion 2009
European "B" Junior Champion 2009



Freddy Südhoff
European "B"
Champion 2009

XRAY
1/10 NITRO TOURING CAR

**EUROPEAN
CHAMPION**

CNC-machined 3mm
Swiss 7075 T6 chassis



MULTI FLEX™

Unique 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**.



HIGH-PERFORMANCE PARTS



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



Alu engine mounts



Hudy Spring Steel™ wheel axles and diff outdrives

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



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



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.

- pure racing design, premium luxury quality, and **highest performance** • 2.5 mm fiberglass radio plate, front shock tower and roll center bridge, 3.0mm fiberglass 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 fiberglass 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™) • 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



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



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



High-speed lightly-oiled selected ball-bearings



Body not included, see specs page.

2010 Pros



EUROPEAN CHAMPION
EUROPEAN CHAMPION B
3X CAR OF THE YEAR

2009
VIEWERS CHOICE AWARD



R08

1/8 LUXURY OFF-ROAD BUGGY

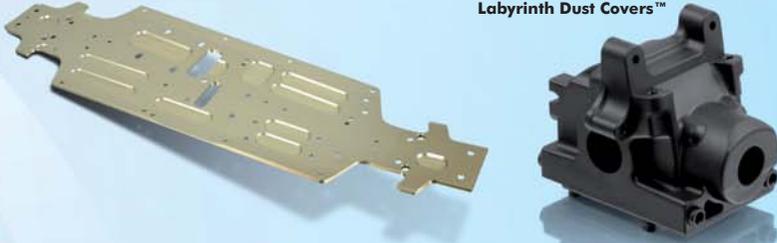


DIRECT SHAFT CONNECTION™

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.

2010 PARTS

New front & rear diff bulkheads with **Labyrinth Dust Covers™**



New longer CNC-machined hardcoated **Swiss 7075 T6** chassis

New longer rear central drive shaft from **Hudy Spring Steel™**



New graphite radio plate

New larger & more durable 13x20 ball-bearings



New larger diff bearing collars

Larger & more durable diff bearings



HIGH-PERFORMANCE PARTS

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



Big bore shocks with new rubber folding boots



Composite steering block with moulded-in steel bushing

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



Precision high-speed ball-bearings & **extra-large** clutch bearings



Well-proven 808 suspension arms and zero king-pin suspension geometry

Adjustable servo saver



Alu flywheel with lightweight alu clutch shoes

High-grade special steel clutchbell featuring over-sized bearings

ENGINE NOT INCLUDED



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



Adjustable turnbuckles from **Hudy Spring Steel™**



Precision **flat-ground** steel brake disks

Ultra strong suspension pivot pins



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



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

ALL-NEW 2010 SPECS

- new longer, hard-anodized Swiss 7075 T6 aluminum chassis
- longer chassis results in increased stability and improved handling
- redesigned weight balance ensures improved jumping and rough track handling
- refined stability makes the car easier to drive
- wider rear chassis increases side-to-side stability
- new longer rear drive shaft
- new graphite radio plate
- new radio box position
- new front & rear diff bulkheads with Labyrinth Dust Covers™
- new front & rear diff cases with larger more durable 13x20 bearings
- new larger diff bearing collars
- new brake disks
- larger more durable front, middle & rear diff bearings

- 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™** outrives • pinions, spurs, crown gears and clutchbell manufactured by **HUDY®** • optimized multiple upper and lower shock mounting locations for front and rear • precision-ground steel brake disks • high-grip **Ferodo®** brake pads • exclusive adjustable turnbuckles from **Hudy Spring Steel™** • tiny steering blocks with molded-in steel bushings and new caster blocks • flexible suspension holders with integrated preset optimal suspension geometry • high tensile **Swiss 7075 T6** hard anodized chassis • ultra-strong suspension pivot pins inboard and outboard • **Direct Shaft Connection™** to the pinion gear • anti-roll bars • centralized engine positioning • narrow servo saver and steering system • ultra-short graphite steering plate • one-piece graphite radio plate • front & rear flexible composite brace • gear boxes with **Labyrinth Dust Covers™** • clutchbell with over-sized clutch bearings • 4mm extra-thick front and 3.5mm rear **premium-grade graphite** shocktowers • big-bore oversized shocks for excellent handling on bumpy tracks and big jumps • threaded **big-bore** hard-anodized shock bodies • **XRAY Premium Shock Oils** for perfect consistency



Ultra-low profile racing body included



RUGGED TRACING DESIGN
LUXURY
EXCITING
HERITAGE
PREMIUM
TRUGGY



1. Jason Branham

2. Mike McCrary

3. Rocco Margiotta



USA
MONSTER TRUCK CHAMPIONSHIP
DOMINATION

XRT8
1/8 LUXURY RACING TRUGGY



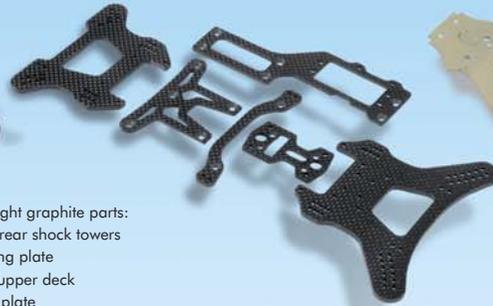
UNIQUE
REVOLUTIONARY
C-HUB SUSPENSION

Big bore long alu shocks specially designed for Truggy



Lightweight graphite parts:

- front/rear shock towers
- steering plate
- front upper deck
- radio plate
- center diff plate



Super tiny & lightweight driveshafts and outrives made from famous **Hudy Spring Steel™**



Fuel tank pressure cap with 1-pc profiled seal for perfect fitment



Longer engine mounts to reduce chassis bending



Swiss 7075 T6 chassis with improved weight balance



Hard clutch springs



HIGH-PERFORMANCE PARTS

Suspension holders allow complete geometry adjustment



Premium **Hudy Spring Steel™** adjustable turnbuckles



Super-long arms from special composite mixture for highest durability



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



High-grade special steel clutchbell



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



17mm **aircraft alu** wheel axles with +5mm offset



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



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



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



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.



• XRAY Racing Truggy based on the **European Champion** 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®** • tires not included



Racing body included

TES



Designed for
LiPo ✓
NiMH ✓

WORLD'S BEST
LUXURY

25X
USA
NATIONAL
CHAMPION

12X
CAR OF
THE YEAR

car action
Reader's
Choice Award

US
SNOWBIRD
Nationals
WINNER
'04-'05-'06-'07-'08-'09

EEC
INTERNATIONAL INDOOR
CHAMPION
'05-'06-'07-'08-'09

57
Junior
EUROPEAN
CHAMPION

200+
NATIONAL
CHAMPION
TITLES

TES

1/10 LUXURY ELECTRIC TOURING CAR

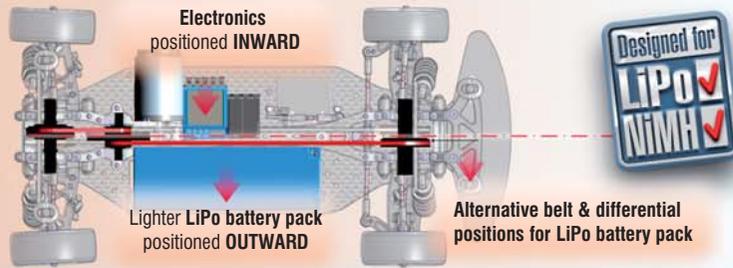


USA
CHAMPION

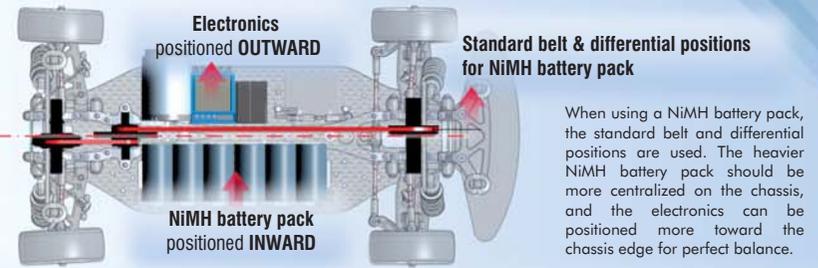
XRAY ALTERNATIVE DRIVELINE CONFIGURATION™

LiPo BATTERY PACK CONFIGURATION

The new T3 was designed to accommodate a high-performance, lightweight LiPo battery pack. Since a LiPo battery pack is much lighter than a NiMH battery pack it can be positioned near the chassis edge; drive belts and differentials can be repositioned and electronic components should be more centralized on the chassis. Finally, only a small amount of additional weight is then required to perfectly balance the car.



NiMH BATTERY PACK CONFIGURATION



When using a NiMH battery pack, the standard belt and differential positions are used. The heavier NiMH battery pack should be more centralized on the chassis, and the electronics can be positioned more toward the chassis edge for perfect balance.

XRAY QUICK-SAVER™



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

Lightweight Composite XRAY Solid Axle



Hard Steering Block Foam Spec (H)



Alu Middle Layshaft



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



Swiss 7075 T6 Aluminum Ball-Differential



Hard C-hub Foam Spec (H)



Medium Steering Block Rubber Spec (M)

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

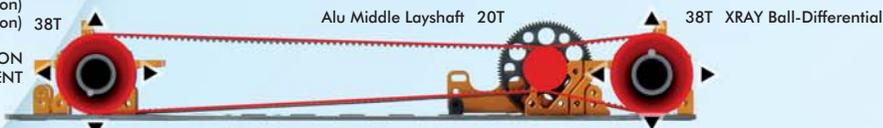
Medium C-hub Rubber Spec (M)

OPTIMIZED DRIVE TRAIN

XRAY Solid Axle (EU edition)
XRAY Ball-Differential (US edition)

BELT TENSION ADJUSTMENT

DIFF HEIGHT ADJUSTMENT



- **LiPo & NiMH** multi purpose-designed platform • unique **XRAY Alternative Driveline Configuration™** for perfect weight balance • all-new suspension holder system for independent suspension arms mounting & more fine set-up adjustments • new brushless motor mount 3mm more towards the centerline • all-new 1-piece top deck with unique layshaft composite holders mount top deck independently from the central layshaft bulkheads • optimized top deck **Multi-Flex™** • new 2.5mm chassis with more backward batteries position for more steering • new 38/20T (1.9) internal gearing for improved drivetrain efficiency and performance • new more eccentric front and rear roll center holders with more inner camber link positions • new steering blocks for more steering and higher cornering speeds • new modified rear arms with extra roll bar positions • new front and rear shock towers CNC-machined from 3mm graphite material with optimized shock positions for rubber and foam tires with optimized **Quick Roll-Center™** positions • new lighter, black-anodized Swiss 7075 T6 aluminum turnbuckles • super-consistent performance • 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 drive shaft lengths for specific foam- and rubber-tire racing conditions • premium-quality drive belts with **Kevlar®** reinforcement • servo saver positioned in absolute center of the chassis • compact front foam bumper made from lightweight, high-resilience foam • Rebuildable CVD driveshafts made from world-renowned, top-secret, self-developed **Hudy Spring Steel™**; world's tiniest yet most durable driveshafts hand ground for maximum precision • **Swiss 7075 T6** rear driveshafts • unique **XRAY Quick-Saver™** with 5 different Ackermann positions • front and rear diff height independent adjustment • long front & rear suspension arms for improved traction and easier handling • rear uprights with integrated 0° toe-in to prevent suspension geometry change in serious crashes and improved stability • alu middle layshaft with centrally-positioned spur gear for perfect balance • thick 6mm body posts • **7075 T6** aluminum wheel hubs • 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 0016), EU Rubber-spec edition (#30 0015)

HIGH-PERFORMANCE PARTS

Swiss 7075 T6 Aluminum Rear Drive Shafts



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



Swiss 7075 T6 Aluminum Turnbuckles



Super-lightweight drive axles made from famous **Hudy Spring Steel™**



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



High-Performance Ultra-Narrow Kevlar Reinforced Drive Belts



High-speed blue covered ball-bearings manually selected



Alu Quick Roll-Center Holder™ 4.9mm - L1+L2



Ultra-light **7075 T6** Swiss CNC-machined bulkheads with integrated belt tension adjustment

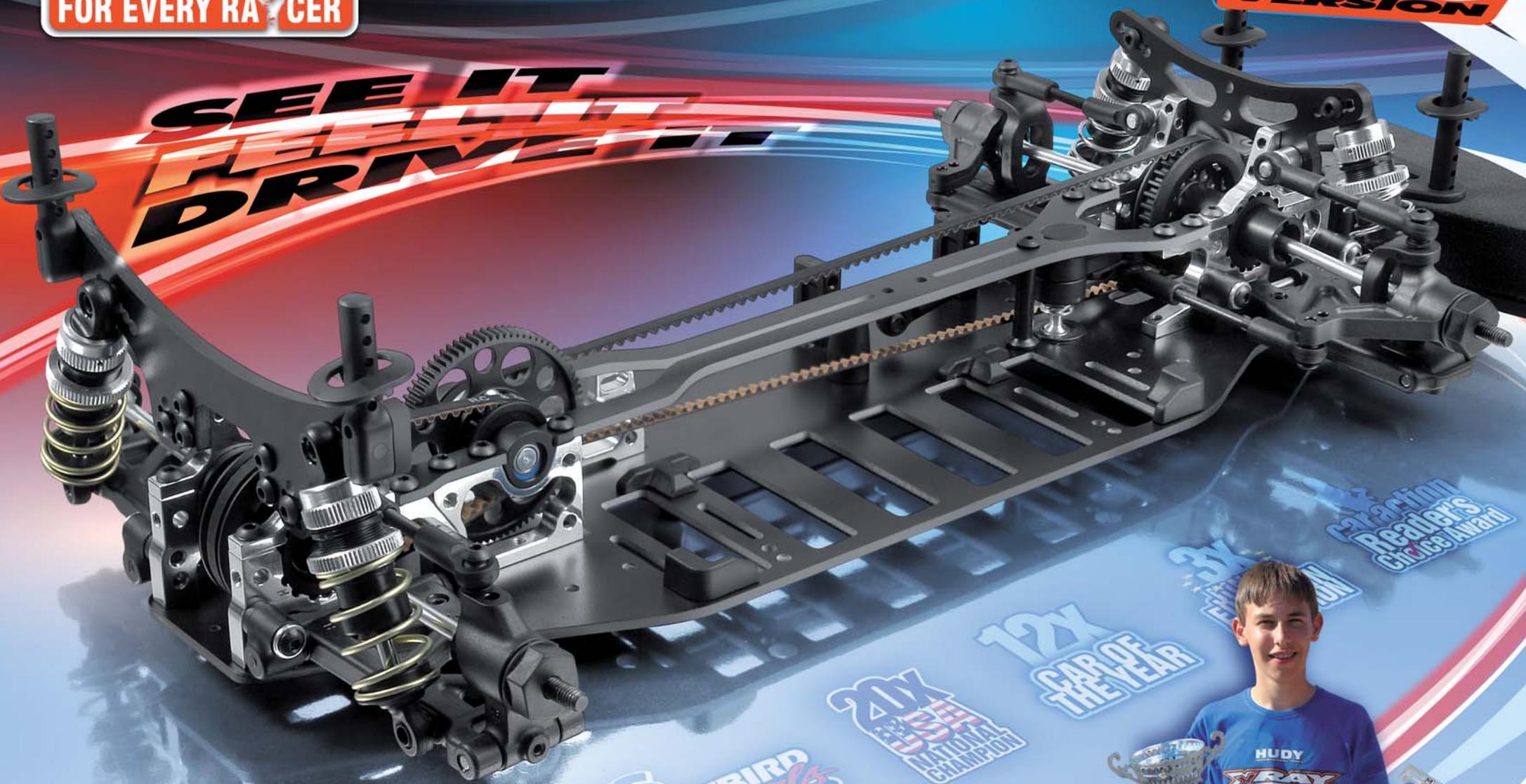


Body not included, see specs page.

QUALITY • LUXURY • PERFORMANCE
FOR EVERY RACER

TRO
VERSION

SEE IT
FEEL IT
DRIVE IT



US SNOWBIRD
Nationals
WINNER
04-05-06-07-08

20X
NATIONAL
CHAMPION

12X
CAR OF
THE YEAR

3X
EUROPEAN
CHAMPION

1st
Martin
Reader's
Choice Award



EUROPEAN
JUNIOR CHAMPION
WORLD
CHAMPIONSHIP FINALIST

T2R
1/10 PREMIUM ELECTRIC TOURING CAR

XRAY QUICK-SAVER™

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



LiPo & brushless ready and optimized



Well proven XRAY front and rear suspension geometry



Lowest ultra-lightweight Swiss 7075 T6 bulkheads



Fiberglass chassis, top deck and shock towers

HIGH-PERFORMANCE PARTS

Lightweight Composite XRAY Solid Axle



Medium Steering Block (M)



Composite Ball-Differential



Hard Rear Upright 1° Toe-In (H)



Medium C-hub Rubber Spec (M)

OPTIMIZED DRIVE TRAIN

34T XRAY Ball-Differential

Alu Middle Layshaft 20T

34T XRAY Ball-Differential

BELT TENSION ADJUSTMENT



DIFF HEIGHT ADJUSTMENT

◀ The ultra-low touring car platform of the T2'008 / T2'009 has been carried over to the T2R PRO to provide the world's lowest CG ever.

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



Swiss 7075 T6 aluminum drive shafts



High-speed blue covered ball-bearings manually selected



Ultra-light **7075 T6** Swiss CNC-machined bulkheads with integrated belt tension adjustment



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



- based on the ultra-successful, **award-winning**, and racing-dominating XRAY T2'008 & T2'009 platforms • **competition racing design** featuring well-proven suspension geometry, drivetrain, and parts — the whole racing platform of T2 cars! • majority of the parts being fully compatible and interchangeable among other T2-based cars • **LiPo-ready** with unique pads that raise the top deck to fit popular-sized LiPo battery packs • ultra-lightweight front and rear split bulkheads are CNC-machined from **Swiss 7075 T6** aluminum, allowing super-easy diff and layshaft access • super-light **Swiss 7075 T6** aluminum front & rear drive shafts • extra-durable drive axles manufactured from premium **Hudy Spring Steel™** • T2 dual-belt drive train featuring 34T/20T pulleys and premium-quality, **Kevlar®** reinforced drive belts • 6-cell chassis design allows use of either 5- and 6-cell battery NiMH packs, or LiPo pack • high-quality composite rear ball differential featuring balls for super-smooth runs • super-light composite front Solid Axle with XRAY's own smart quick-change outdrive system for easy outdrive exchange; no servicing or replacement of drive shaft blades needed, translates into reduced servicing costs • motor mount bulkhead features the lowest possible motor mount position, compatible with stock, modified, and brushless motors • **XRAY Quick Roll-Centers™** • fully-adjustable **Quick-Saver™** features 5 different integrated Ackermann positions, positioned along chassis centerline • middle layshaft CNC-machined from aircraft aluminum • independent front & rear diff height adjustment • integrated front & rear belt tension adjustment • optimized suspension geometry and unique XRAY's own **well-proven mixture of composite materials** for optimum hardness yet flexibility of all suspension parts • medium hard C-hubs with integrated 4° caster (optional 2° and 6° caster blocks available) • rear uprights with integrated 1° toe-in • medium hard steering blocks with two Ackermann positions • front suspension arms allow 2mm adjustment of front arm position • front & rear shock towers machined from **extra-thick 3.0mm fibreglass** • front shock tower specially machined for ultra-low weight without compromising strength • front upper & lower composite bumper made from special composite to withstand hard impacts • compact front foam bumper made from lightweight, high-resilience foam • thick 6mm body posts • lower suspension alu holders with 3 different roll center positions • **ROAR, EFRA, and FEMCA** legal • XRAY 4-step externally adjustable shocks allow easy and quick adjustment; standard, non-adjustable shock pistons also included • shock absorber foam inserts for improved shock rebound • XRAY self-developed and manufactured **ultimate racing springs** are manually selected for maximum precision, equal length, and equal damping characteristics • hardened 84T spur gear • composite battery backstops prevent battery movement on chassis • complete set of **high-speed blue-sealed ball-bearings**, degreased, lightly oiled for maximum efficiency, individually controlled, selected, and inspected

Body not included, see specs page



Designed for
LiPo ✓
NiMH ✓



LINK

X10 LINK

1/10 PAN CAR

- **BASED ON T-BAR PLATFORM**
- **ALL-NEW PIVOT-BALL LINK REAR SUSPENSION THAT ALLOWS FOR INDEPENDENT ADJUSTMENTS OF CHASSIS ROLL, BUMP AND ALIGNMENT**
- **ALL-NEW SPECIALLY DESIGNED AND OPTIMIZED TO FIT LIPO BATTERIES AND BRUSHLESS MOTORS**
- **AUTHENTIC 100% SELF-DEVELOPED XRAY PARTS, DESIGNED AND MANUFACTURED PARTS BY XRAY IN EUROPE**
- **LEGENDARY XRAY PREMIUM DESIGN, WORKMANSHIP & MATERIAL QUALITY AND UNMATCHED ATTENTION TO THE FINEST DETAILS**



SPECS

- SIMPLE YET EFFECTIVE AND PROVEN DESIGN, WELL THOUGHT-OUT DETAILS, UNMATCHED PRECISION OF ALL SMALL DETAILS
- HIGH-COMPETITION DESIGN WITH FOCUS ON ULTRA-LOW WEIGHT, RESULTING IN SUPER-LIGHTWEIGHT CONSTRUCTION
- OPTIMIZED FOR INDOOR CARPET RACING AS WELL AS OUTDOOR ASPHALT RACING
- PROLONGED WHEELBASE FOR IMPROVED STABILITY

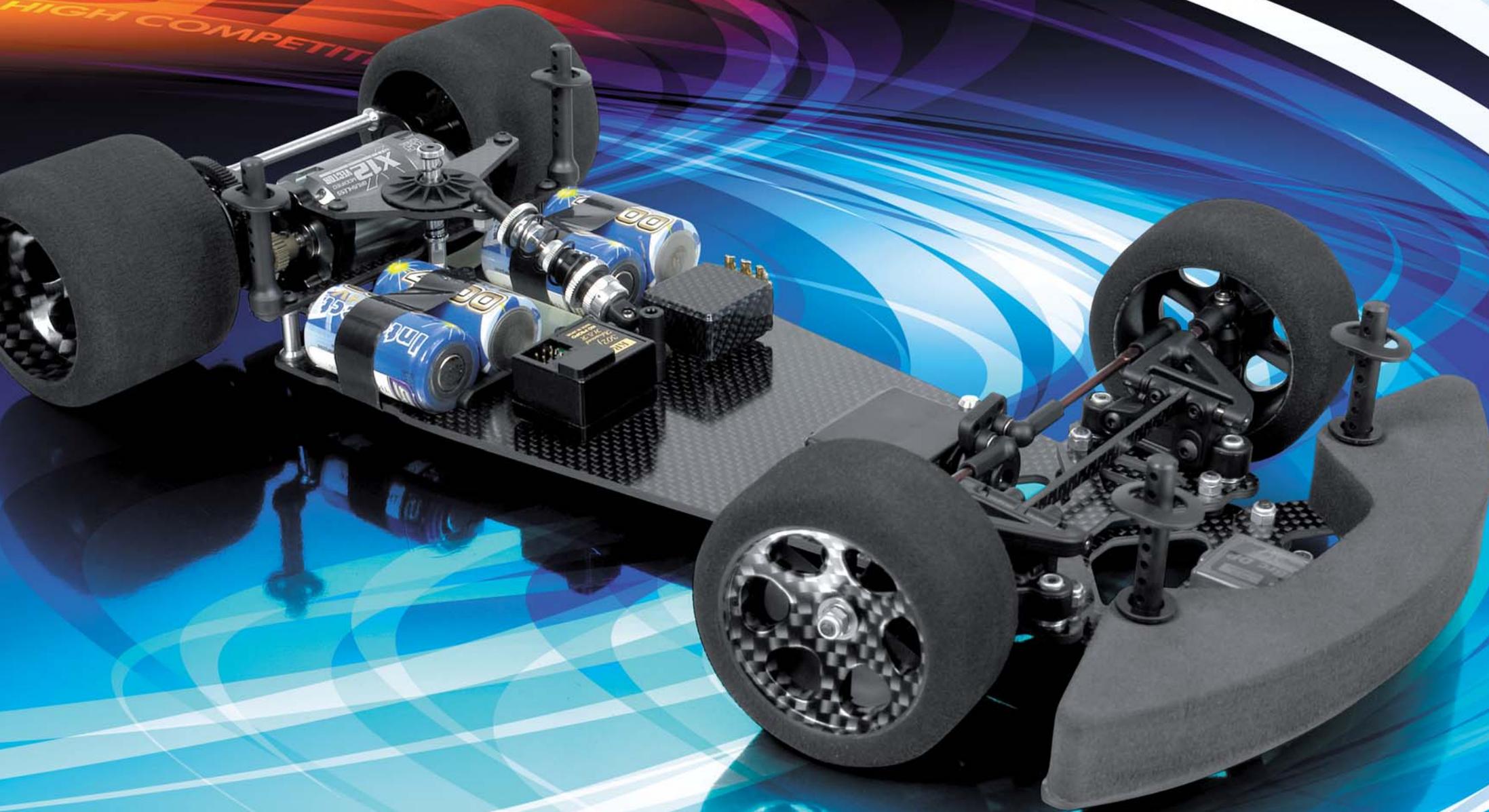
TWELVE LINK

EUROPEAN JUNIOR INDOOR CHAMPION

BRCA CHAMPION

X12L LINK
1/12 PAN CAR

HIGHEST QUALITY
PAN CAR
GT
HIGH COMPETITION



X10
1/10 PAN CAR GT



Conventional yet super effective rear suspension



Fully adjustable unique XRAY micro shock absorber

Unique T-bar mounting methods allow for two different settings:



• **Club race setting** – direct mounting of T-bar to chassis without front pivotball gives limited adjustment possibilities (recommended for beginner drivers)

• **Pro race setting** – pivotball mounting of T-bar to chassis for more advanced adjustment possibilities (recommended for advanced drivers)



Brushless and modified motor optimized

HIGH-PERFORMANCE PARTS



Foam bumper

Fully adjustable T-bar

Fully-adjustable shock with aluminum hard anodized shock body

Ultra-light 7075 T6 Swiss CNC-machined bulkheads with integrated ride height adjustment

High-speed ball-bearings manually selected

Lightweight aircraft aluminum steering turnbuckles

Lightweight aluminum servo holders

Precision HUDY Spring Steel™ ball studs

Premium hand ground HUDY Spring Steel™ pivotballs

High-grade graphite chassis, front bumper, front brace, arm mount plates, rear brace, rear upper and lower pod plate

Premium HUDY Spring Steel™ wheel axles

Adjustable HUDY Spring Steel™ turnbuckles

Super-lightweight rear axle features 1-piece high-grade precision hand ground graphite rod, precision carbide balls, hardened and ground D-steel shims, and premium carbide axial thrustbearing.

Super lightweight aluminum wheel hubs, hard anodized

- **authentic 100% self-developed XRAY parts**, designed and manufactured parts by XRAY in Europe
- simple yet effective and proven design, well thought-out details, unmatched precision of all small details
- specially designed and **optimized for brushless and brushed motors** • graphite front chassis bumper and foam bumper • fully-adjustable body holders • easy front caster adjustment • **reactive caster adjustment** 2.5°, 5.0° or 7.5° • front ride height and front track-width adjustment • ultra-flat adjustable composite battery holders • adjustable fiberglass T-bar • chassis tweak adjustment • responsiveness adjustment • special 1-piece aluminum damper pad holder independently mounted to ensure equal left-right movement of rear pod • super-easy motor top access • eccentric composite bushings for ultra-fine rear ride height adjustment • **super-lightweight rear axle** made from 1-piece high-grade graphite rod, additionally precision hand ground to eliminate vibration and run-out • high-grade precision **carbide balls**, hardened and precision-ground D-steel shims, and premium 3x8mm **carbide axial thrustbearing** • easy rear track-width adjustment • rear pod weight balance adjustment



HIGHEST QUALITY
PREMIUM HIGH COMPETITION
RACING DESIGN



XRAY
1/12 PAN CAR



UK
DOUBLE CHAMPION
Elliott Harper

Unique T-bar mounting methods allow for two different settings:



• **Club race setting** – direct mounting of T-bar to chassis without front pivotball gives limited adjustment possibilities (recommended for beginner drivers)



• **Pro race setting** – pivotball mounting of T-bar to chassis for more advanced adjustment possibilities (recommended for advanced drivers)



Conventional yet super effective rear suspension



Fully adjustable unique XRAY micro shock absorber



Brushless and modified motor optimized

HIGH-PERFORMANCE PARTS



High-grade graphite chassis, front brace, rear brace, rear upper and lower pod plate



Fully adjustable T-bar

Ultra-light 7075 T6 Swiss CNC-machined bulkheads with integrated ride height adjustment



High-speed ball-bearings manually selected



Super-lightweight rear axle fetures 1-piece high-grade precision hand ground graphite rod, precision carbide balls, hardened and ground D-steel shims, and premium carbide axial thrustbearing.



Premium hand ground HUDY Spring Steel™ pivotballs



Fully-adjustable shock with aluminum hard anodized shock body



Precision HUDY Spring Steel™ ball studs



Premium HUDY Spring Steel™ wheel axles

Super lightweight aluminum wheel hubs, hard anodized

Lightweight aircraft aluminum steering turnbuckles



Adjustable HUDY Spring Steel™ turnbuckles

• **authentic 100% self-developed XRAY parts**, designed and manufactured parts by XRAY in Europe • simple yet effective and proven design, well thought-out details, unmatched precision of all small details • specially designed and **optimized for brushless and brushed motors** • composite front chassis protectors • fully-adjustable body holders • easy front caster adjustment • **reactive caster adjustment** 2.5°, 5.0° or 7.5° • front ride height and front track-width adjustment • ultra-flat adjustable composite battery holders • adjustable fiberglass T-bar • chassis tweak adjustment • responsiveness adjustment • special 1-piece aluminum damper pad holder independently mounted to ensure equal left-right movement of rear pod • super-easy motor top access • eccentric composite bushings for ultra-fine rear ride height adjustment • **super-lightweight rear axle** made from 1-piece high-grade graphite rod, additionally precision hand ground to eliminate vibration and run-out high-grade precision **carbide balls**, hardened and precision-ground D-lock steel diff plates, and premium 3x8mm **carbide axial thrustbearing** • easy rear track-width adjustment • rear pod weight balance adjustment



WORLD'S AFFINALIST

Teemu Leino

HIGH COMPETITION PERFORMANCE
LUXURY
PASSION
HERITAGE PREMIUM



M18 PRO

1/18 LUXURY HIGH-COMPETITION 4WD RACING CAR

Robby Dodge

USA
CHAMPION

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

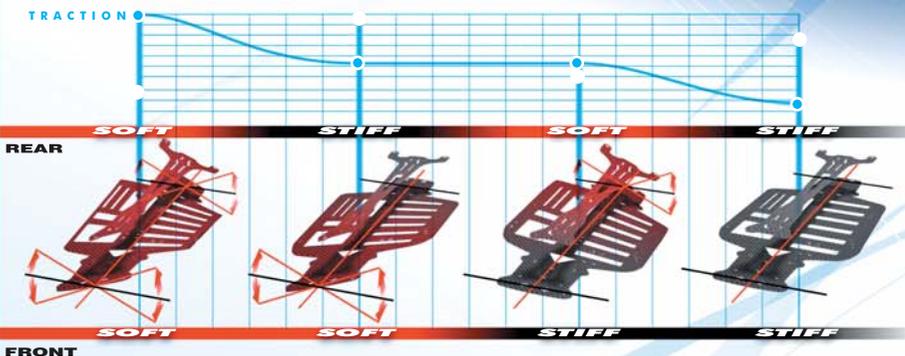
HIGH-PERFORMANCE PARTS



MULTI-FLEX™

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

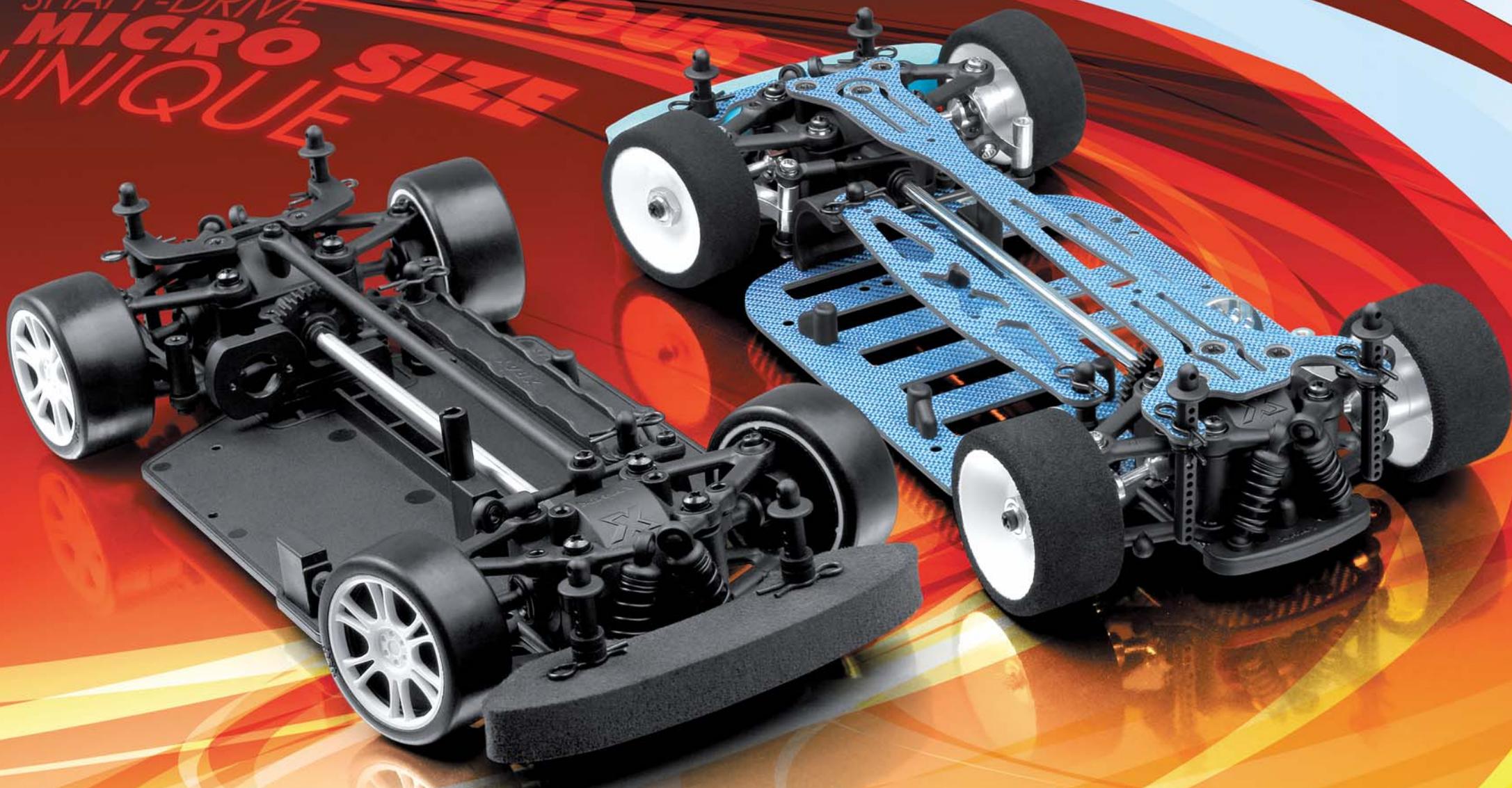
With the **MFT™** top deck you can set up and adjust the M18 PRO for all different racing conditions. No matter if you drive on asphalt or carpet, using rubber or foam tires, you can quickly, easily, and independently adjust MFT™ points on the top deck – front or rear – to give you different flex characteristics. 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
PRESTIGIOUS
SHAFT-DRIVE
MICRO SIZE
UNIQUE



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

* battery pack not included



XRAY XMC180 Speed Controller with reverse



XRAY Micro Stock Motor



XRAY XMS-01 Servo Metal-Gear



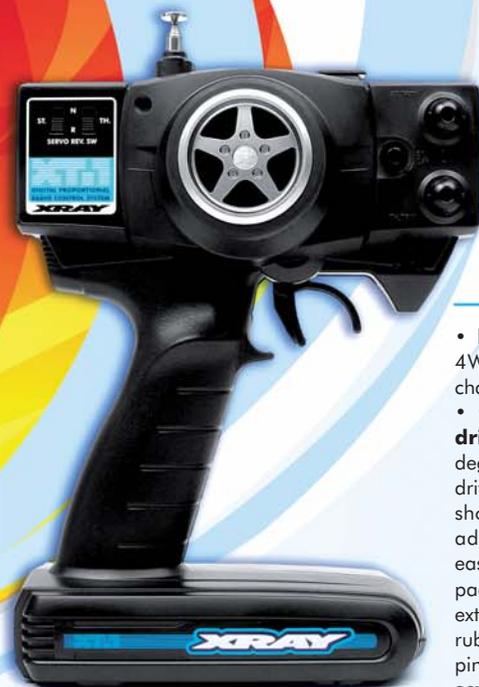
XRAY XR1 Receiver 3-channel

- **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



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
GRAPHITE LAYOUT
EASIER TO DRIVE

FULL GRAB TUNING
IMPROVED



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.



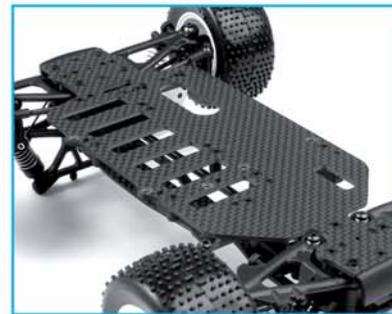
M18T PRO

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



Alu motor holder



Hudy Spring Steel™
drive shafts



Coil-over oil shocks



Set of pinions



Nickel-plated pivot balls

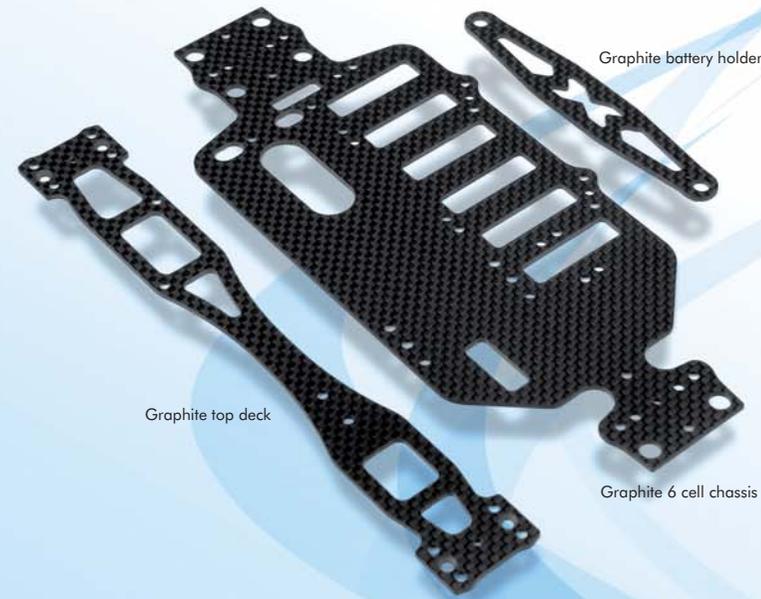


Composite spur gear

Steel spur gear



Front & rear anti-roll bars



Graphite top deck

Graphite 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

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

* battery pack 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



Aircraft Aluminum Main Drive Shaft



22 High-Speed Pre-oiled Ball-bearings



Pinion Gears Set (4)



Adjustable **Hudy Spring Steel™** Steering Rods



Oil-filled Coil-over Shocks



Universal-joints Drive Shafts



CHAMPION

- 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!
EXCITING
SUPER FAST
MICRO NITRO
REVOLUTIONARY
QUALITY



NT118
1/18 LUXURY MICRO NITRO CAR

INCREDIBLY
HIGH SPEEDS **50** KM/H



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

Receiver Battery Pack



Micro Switch



2x XRAY XMS-01 Servo Metal-Geared



HUDY
START-BOX

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

- 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)



MADE IN JAPAN

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



WORLD'S FIRST
WORLD'S SMALLEST
MICRO NITRO
EXCITING



MANUFACTURED
& ASSEMBLED
IN EUROPE

LUXURY

MT18T
1/18 LUXURY MICRO NITRO TRUCK

INCREDIBLY
HIGH SPEEDS **50** MPH



Premium XRAY XT1 Transmitter



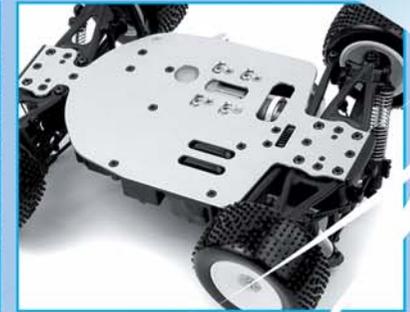
Easy access to rear linkage allows quick adjustments for fine tuning



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-Geared

Micro Switch

XRAY XR1 Receiver 3-Channel

HIGH-PERFORMANCE PARTS

4x Oil-filled Coil-over Shocks



Adjustable **Hudy Spring Steel™** Steering Rods



Low Pin Rubber Tires + Racing Dish Wheels



Aircraft Aluminum Drive Shaft with Steel Spur Gear



Adjustable Ball Differentials



26 High-Speed Pre-oiled Ball-bearings



HUDY Phillips Screwdriver Included



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 RTTR

WORLD'S SMALLEST

DIRT

FUN

INSANE

POWER

MICRO NITRO

READY TO RULL

MANUFACTURED

& ASSEMBLED IN EUROPE



MT18MT

1/18 LUXURY MICRO NITRO MONSTER TRUCK

INCREDIBLY
HIGH SPEEDS **50** MPH



Premium XRAY XT1 Transmitter



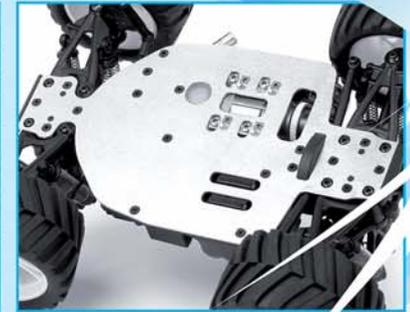
Easy access to rear linkage allows quick adjustments for fine tuning



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



XRAY XR1 Receiver 3-Channel



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

- 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)



MADE IN JAPAN

HIGH-PERFORMANCE PARTS

8x Oil-filled Coil-over Shocks



Adjustable **Hudy Spring Steel™** Steering Rods

Micro Monster Truck Tires Chevron Pattern + Starburst Wheels



Aircraft Aluminum Drive Shaft with Steel Spur Gear



Adjustable Ball Differentials



26 High-speed Pre-oiled Ball-bearings

EXOTIC RTR PAINT SCHEMES

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



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."



XCA Clutch Set

#338501
XCA (XRAY Centrifugal-Axial) Clutch Set
High Dynamic



Super-Light Solid Axle

#335180 XRAY Super-Light Solid Axle Set Hudy Spring Steel™



XRAY MULTI-DIFF™

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



Engine Mount

#338713
Alu Monoblock Engine Mount



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



#334111
Lightweight Ventilated Brake Disk
CNC Machined - Hardened

#334061
Alu Brake Post Arm
Swiss 7075 T6

#335731
Alu Lightweight
Locating Collar (2)

#338511
Lightweight Clutch Bell
Hudy Spring Steel™

#338512
Alu Clutch Bell
Swiss 7075 T6
(7mm) - Hard Coated

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

#336170
Brass Chassis Weight
30g

#336156
Lipo Battery Plate

#336155
Graphite Battery Plate

#336060
Receiver Switch - Set

#336040
Graphite Receiver Bracket Set

#336080
Graphite Personal
Transponder Bracket

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

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

#333401
Rear Adjustable
Anti-Roll Bar - Set

#336231
Alu Radio Plate Mounts
(L+R) - Swiss 7075 T6

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

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

#305072 Lightweight Diff Outdrive Adapter
#305073 Lightweight Diff Outdrive Adapter Long

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

#333451
Alu Anti-Roll Bar Ball Joint
5.8mm - Hard Coated (2)

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

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

#331340
Composite
Rear Body Back Stop (2)

#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)
#338524 - 24T (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)

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

#337251
Alu Pivot Ball 8.4mm
Swiss 7075 T6 - Hard Coated (4)

#331201
Wide Bumper

#331221
Foam Bumper - Hard

#331215
Graphite Upper
Holder for Bumper

#333061
Graphite Roll-Center Bridge
3.0mm

#332081
Graphite Shock Tower
Front 3.0mm

#331211
Composite Front Holder
for Personal Transponder

#335711
Front Middle Shaft Lightweight
Hudy Spring Steel™

#335511
2-Speed Shaft Lightweight
Hudy Spring Steel™

#358951
Silicone Tubing
1m (2.4 x 5.5mm)
Fluorescent Yellow

#335582
Gear Box Spring
Hard (2pcs)

#338582
Clutch Spring
Hard

XRAY REAR SPRING-SET

soft-medium 25lb (#338286) 1.7
medium 28lb (#338296) 1.7
medium-medium 30lb (#338287) 1.8
medium-hard 33lb (#338297) 1.8
hard 35lb (#338288) 1.9

XRAY REAR SPRING-SET

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

OPTION PARTS FOR 1/10 TOURING CARS



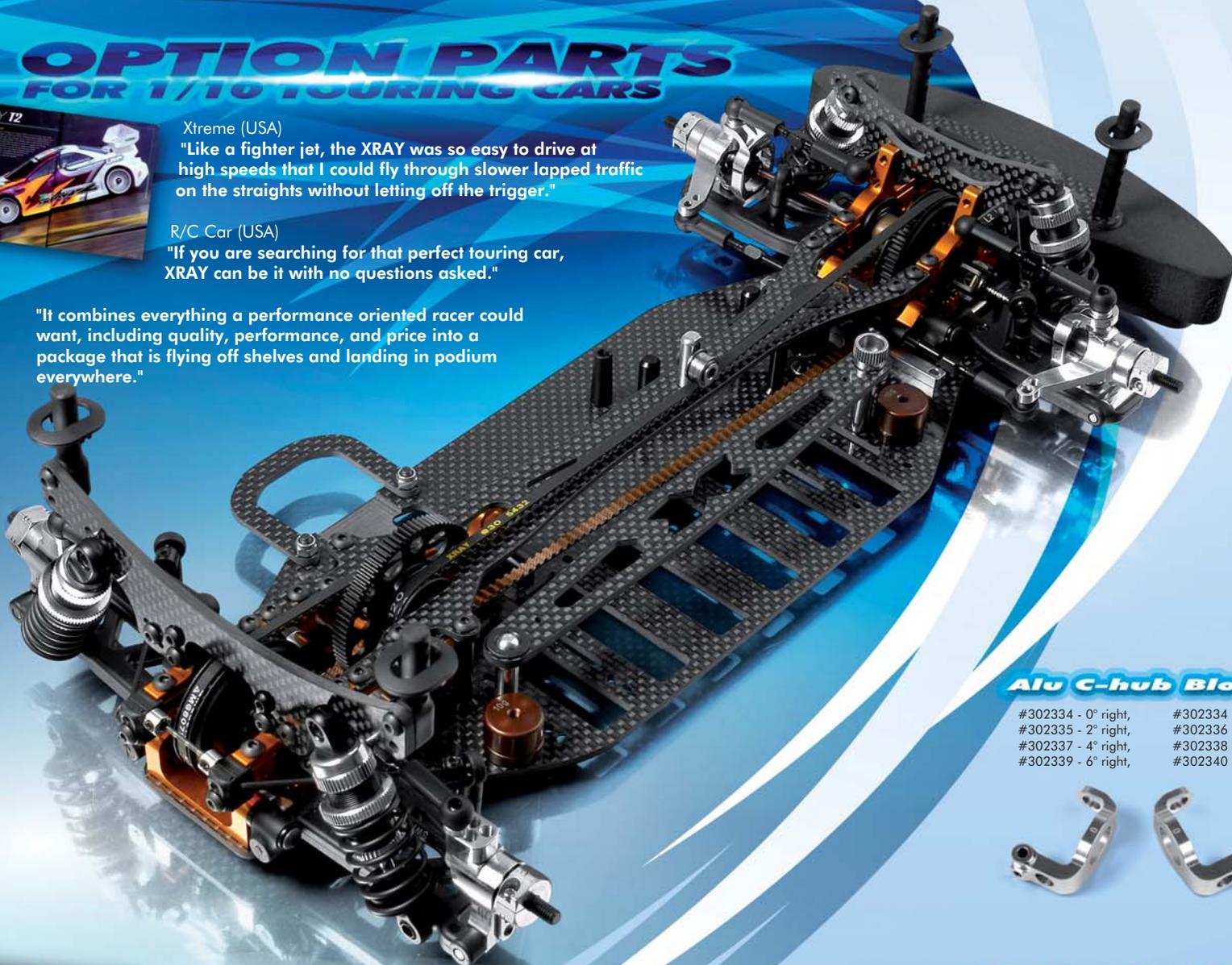
Xtreme (USA)

"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, | #302334 - 0° left |
| #302335 - 2° right, | #302336 - 2° left |
| #302337 - 4° right, | #302338 - 4° left |
| #302339 - 6° right, | #302340 - 6° left |



Solid Axle

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



#305136
Alu Solid Axle Driveshaft Adapters (2)
Hard Coated

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



Offset Wheel Hubs (2)



#306163-K
Graphite Battery Strap with Alu Stands - Black



#305352 "+0.75mm"
#305351 "-0.75mm"
#305353 "+1.5mm"
#305380 Offset Shims "+0.75mm"

Drive Shafts



Hudy Spring Steel #305323 - 50mm #305324 - 52mm
ECS Hudy Spring Steel #305325 - 50mm #305327 - 52mm
Alu 7075 T6 #305328 - 50mm #305326 - 52mm



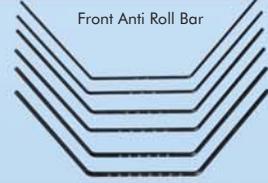
#301203 Impact Absorbing Bumper
#301213 Graphite Bumper Upper Holder
#301223 Foam Bumper Hard



#303060
Graphite Motor Guard



#303481 - 1.1mm
#303482 - 1.2mm
#303483 - 1.3mm



#303484 - 1.4mm
#303485 - 1.5mm
#303486 - 1.6mm



#302054-K
Alu Chassis Brace - Black

Front Suspension Arm



2-hole #302165 - Hard #302166 - Extra-Hard
1-hole #302163 - Hard #302164 - Extra

Rear Suspension Arm



2-hole #303165 - Hard #303166 - Extra-Hard
1-hole #303163 - Hard #303164 - Extra



#305778 & #305781
Offset Spur Gear 1/48" 78T & 81T
#305784~305799
Spur Gear 1/48" 84T to 99T

T3 platform accepts largest 93T spur gear



#305874~305888
Offset Spur Gear 1/64" 104T to 118T



#305968~306000
Narrow Alu Pinion Gear Hard Coated 64pitch 18T to 50T

#305913~305934
Narrow Alu Pinion Gear Hard Coated 48pitch 13T to 34T



#303071
Belt Tensioner Set



Steering Block (1pcs)
#302252 - Medium
#302253 - Hard



Rear Composite Upright 1° Toe-In (1pcs)
#303351 - Right - Medium 2-hole
#303361 - Left - Medium 2-hole
#303353 - Right - Hard 2-hole
#303363 - Left - Hard 2-hole

Rear Composite Upright 0° Toe-In (1pcs)
#303352 - Medium 2-hole
#303354 - Hard 2-hole
#303362 - Medium - 1-hole
#303364 - Hard - 1-hole



#309840
Balancing Weights (4pcs)



#309850
Balancing Weights Central



#303440
Alu Anti-Roll Bar Collar (2pcs)

#302661
Composite Ball Joint - Closed (4pcs)



Ball End 4.9mm
#302653 - with 6mm thread
#302654 - with 8mm thread
#302655 - with 10mm thread



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



#302077
Set of Eccentric Composite Hubs "1" for Bulkheads



Composite C-hub Block Medium - Rubber-Spec
#302361 - 2° right, #302362 - 2° left
#302363 - 4° right, #302364 - 4° left
#302365 - 6° right, #302366 - 6° left

Composite C-hub Block Hard - Foam-Spec
#302371 - 2° right, #302372 - 2° left
#302373 - 4° right, #302374 - 4° left
#302375 - 6° right, #302386 - 6° left

#30 8390 XRAY Selected Ultimate Racing Springs (24)



super-soft 14lb (#30 8393) 1.4
soft 17.5lb (#30 8394) 1.5
soft-medium 22.5lb (#30 8395) 1.6
medium 28lb (#30 8396) 1.7
medium-hard 33lb (#30 8397) 1.8
hard 38lb (#30 8398) 1.9

#30 8380 Additional XRAY Ultimate Racing Springs (20)



15lb (#30 8384) 1.5
20lb (#30 8385) 1.6
25lb (#30 8386) 1.7
30lb (#30 8387) 1.8
35lb (#30 8388) 1.9
14lb (#30 8382) 1.4
17.5lb (#30 8383) 1.5
(#30 8373) c=2.2
(#30 8374) c=2.4
(#30 8375) c=2.6
(#30 8376) c=2.8
(#30 8377) c=3.0
(#30 8378) c=3.2
(#30 8379) c=3.4



#308306-O
Alu Shock Absorber - Orange (2pcs) (Springs not included)

OPTION PARTS FOR 808



(Car Action, USA)

"It accelerates hard and carries excellent corner speed, whether you're on the gas on exit or coasting as you enter a 180."

(R/C Car, USA)

"The damage report throughout testing has been excellent and 808 held up through abuse with a clean bill of health."

"It's tough not to sound like a broken record when raving about the quality of Xray's kits. The 808 is a pleasure to build and looks like a work of art sitting on the pit table."



Engine Mount

Alu Stands For Engine Mount - Hard Coated
 #358718 - Novarossi, Sirio, R&B, Max, JP, GRP
 #358719 - Picco, Mega, Orion, LRP, OS



#358714
 XB808 Alu One-Piece Engine Mount
 - Swiss 7075 T6 - Hard Coated

Active Diff™

#355103
 XRAY XB808 Active Center Diff™



Alu SWISS 7075 T6 Parts



#353093
 XB808 Alu Rear Shock Tower Swiss
 7075 T6 (3mm) - Hard Coated



#352093
 XB808 Front Alu Shock Tower Swiss
 7075 T6 (3mm) - Hard Coated



XB808 Alu Caster Block - Swiss 7075 T6 - Hard Coated
 #352216 Right 10° #352218 Right 14°
 #352226 Left 10° #352228 Left 14°
 #352217 Right 12° #352219 Right 16°
 #352227 Left 12° #352229 Left 16°



#352573
 XB808 Alu Steering Plate Swiss
 7075 T6 (3mm) - Hard Coated



#353356
 XB808 Alu Adjustable Rear Hub Carrier - Swiss
 7075 T6 (7mm) - Hard Coated



#352256
 XB808 Alu Steering Block Right - Swiss
 7075 T6 - Hard Coated



#352266
 XB808 Alu Steering Block Left - Swiss
 7075 T6 - Hard Coated



#352303
 XB808 Alu Front Lower Susp. Holders Set
 - Swiss 7075 T6 (7mm) - Hard Coated



#353303
 XB808 Alu Rear Lower Susp. Holders Set
 - Swiss 7075 T6 (7mm) - Hard Coated

							
#353086 XB808 Alu Rear Brace Swiss 7075 T6 (5mm) - Hard Coated	#352087 XB808 Front Alu Brace Swiss 7075 T6 (5mm) - Hard Coated	#352080 Front Torque Rod Set	#351341 XB808 Graphite Upper Plate	#354051 XB808 Graphite Center Diff Mounting Plate	#354111 Graphite Ventilated Brake Disk CNC Machined (2)	#354121 Steel Brake Pad - Laser Cut Hardened (4)	#358540 Flywheel Collar

								
#355071 Center Diff. Outdrive Adapter Lightweight (2pcs)	#355063 F/R Diff. Outdrive Adapter Lightweight (2pcs)	#355102 XRAY XB808 Active DiffT	#355265 Alu Wheel Nut With Cover Hard Coated (2)	Alu Wheel Axle Offset - Hard Coated #355252 "+2mm"	#358046 Alu Shock Pivot Ball With Hex Hard Coated (2)	#333451 Alu Anti-Roll Bar Ball Joint 5.8mm Hard Coated (2)	#353161 Alu Mounting Ball 6.8 Hard Coated (4)	#353171 Alu Pivot Ball 6.8 Hard Coated (4)

						
#358182 Front White C=0.65 #358282 Rear White C=0.47 #358183 Front Grey C=0.70 #358283 Rear Grey C=0.50 #358184 Front Silver C=0.75 #358284 Rear Silver C=0.53 #358185 Front Grey-Blue C=0.80 #358285 Rear Grey-Blue C=0.57 #358186 Front Blue C=0.86 #358286 Rear Blue C=0.61 #358187 Front Violet C=0.92 #358287 Rear Violet C=0.65 #358188 Front Purple C=0.98 #358288 Rear Purple C=0.70	#358039 Shock 6-Hole Piston Set (1.2; 1.3; 1.4mm)	#358586 Extra Hard (3) #358583 Soft (3) #358584 Medium (3)	#353482 - 2.2mm #353484 - 2.4mm	#353486 - 2.6mm #353488 - 2.8mm	#352480 - 2.0mm #352482 - 2.2mm	#352484 - 2.4mm #352486 - 2.6mm #352488 - 2.8mm

									
#352622 Alu Adj. Rear Turnbuckle 58mm #352632 Alu Adj. Rear Turnbuckle 64mm	#353550 Alu Rear Wing Mount Brace (2pcs)	#353561 Alu Rear Wing Shim (2pcs)	#355055 Center Diff Spur Gear 41T	#355153 Active Center Diff Spur Gear 43T	#355041 Diff Spur Gear 41T	XB808 Clutch Bells with Oversized Ball-Bearings	#356050 Battery Cable With Switch	#358951 Silicone Tubing 1m Fluorescent Yellow	

		
#397347 - Orange #397348 - Blue #397349 - Green #397350 - Pink	#359800 - White (4) #359806 - Orange (4) #359808 - Pink (4) #359809 - Yellow (4)	#353515 - Black #353518 - Pink #353516 - Orange #353519 - Yellow

The parts listed on this page will fit the XB808. 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 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 (XB8, XB8TQ, XB8EC) 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."

Alu Plates

Alu Adjustable Engine Mount



#351345
Alu Upper Plate 7075 T6 (4mm)



#356116
Alu Radio Plate 7075 T6 (3mm) - V2
(will not fit XT8 2009 specs)



#354055
Alu Center Diff Mounting Plate 7075 T6 (3mm)



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

Alu Steering Block

Active Diff™

#352265
Alu Steering Block - Right



#352255
Alu Steering Block - Right



#355101 XRAY XT8 Active Diff™



<p>#358046 Alu Shock Pivot Ball With Hex Hard Coated (2)</p>	<p>#333451 Alu Anti-Roll Bar Ball Joint 5.8mm Hard Coated (2)</p>	<p>#353161 Alu Mounting Ball 6.8 Hard Coated (4)</p>	<p>#353171 Alu Pivot Ball 6.8 Hard Coated (4)</p>	<p>Front Anti Roll Bar #352422 - 2.2mm #352424 - 2.4mm #352426 - 2.6mm #352428 - 2.8mm #352430 - 3.0mm #352432 - 3.2mm</p>	<p>Rear Anti Roll Bar #353424 - 2.4mm #353426 - 2.6mm #353428 - 2.8mm #353430 - 3.0mm #353432 - 3.2mm</p>	<p>#353369 Graphite Mud Scrapper Set</p>	<p>#351311 Graphite Body Protector (F+R)</p>	<p>#352080 Front Torque Rod Set</p>	<p>Steel Eccentric Bushing #352170 - 0° #352174 - 1°</p>
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<p>XT8 Alu Shock Tower CNC Machined Swiss 7075 T6 (4mm)</p>	<p>Alu TQ Rear Lower Susp. Holder</p>	<p>Alu TQ Front Upper Arm Holder</p>	<p>Alu Brace 7075 T6 (5mm)</p>
<p>#352098 Front</p>	<p>#353098 Rear</p>	<p>#353323 Rear - 7075 T6 (5mm)</p>	<p>#353312 2°-4° Anti-squat Front - 7075 T6 (7mm)</p>
		<p>#352332 7075 T6 (8mm)</p>	<p>#352320 Rear - 7075 T6 (5mm)</p>
			<p>#352311 Front - 7075 T6 (7mm)</p>
			<p>#352086 Front</p>
			<p>#353085 Rear</p>

<p>XRAY Spring Set</p>	<p>#358039 Shock 6-Hole Piston Set (1.2; 1.3; 1.4mm)</p>	<p>#355265 Alu Wheel Nut With Cover Hard Coated (2)</p>	<p>#355127 Active Diff Segment 120° (2pcs)</p>	<p>Clutch Bell - HUDY Steel #358515 - 15T #358514 - 14T #358513 - 13T</p>	<p>#355041 Diff Spur Gear 41T</p>
<p>#358182 Front White C=0.65 #358282 Rear White C=0.47 #358183 Front Grey C=0.70 #358283 Rear Grey C=0.50 #358184 Front Silver C=0.75 #358284 Rear Silver C=0.53 #358185 Front Grey-Blue C=0.80 #358285 Rear Grey-Blue C=0.57 #358186 Front Blue C=0.86 #358286 Rear Blue C=0.61 #358187 Front Violet C=0.92 #358287 Rear Violet C=0.65 #358188 Front Purple C=0.98 #358288 Rear Purple C=0.70</p>					
					<p>#355049 - 47T #355050 - 46T</p>
					<p>#355141 Active Diff Spur Gear 41T</p>

<p>#352622 Alu Adj. Turnbuckle 58mm</p>	<p>#358900 Alu Fuel Filter Set</p>	<p>#353550 Alu Rear Wing Mount Brace (2pcs)</p>	<p>Clutch Springs V2 #358586 Extra Hard (3) #358585 Hard (3) #358583 Soft (3) #358584 Medium (3)</p>	<p>Alu Wheel Axle Offset - Hard Coated #355252 Offset "+2mm" #355251 Offset "+1mm"</p>	<p>#358951 Silicone Tubing 1m Fluorescent Yellow</p>
<p>#353561 Alu Rear Wing Shim (2pcs)</p>					<p>#356050 Battery Cable With Switch</p>

<p>XRAY XT8 Wheel Stickers - Die-Cut #397351 - Orange #397352 - Blue #397353 - Green #397354 - Pink</p>	<p>XRAY Wing Sticker - Die-Cut #397347 - Orange #397348 - Blue #397349 - Green #397350 - Pink</p>	<p>Truggy Aerodisk Wheels #359836 - Orange #359838 - Pink #359839 - Yellow</p>	<p>Rear Wing #353515 - Black #353518 - Pink #353516 - Orange #353519 - Yellow</p>
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The parts listed on this page will fit the XB8EC, XB8R, XT8, XT8'09. 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 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 (XB8, XB8TQ, XB8R, XT8) on which the different option parts may fit.

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)
- #385262 M18 PRO Alu Wheel Nut (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
#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

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



#389912
Wheel Aerodisk
M18 PRO (Hex Hub) - Rubber (2+2)



#385511
Graphite Main
Driveshaft
M18
M18 PRO



#389171
XRAY Micro Servo XMS02MG
Metal Gear



#389181
XRAY Micro Speed Controller
XMC300 with Brake



#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



#383320 Set of Rear Linkages 2.5° Toe-in (2)
#383300 Adjustable Turnbuckle Set for Toe-in Adjustment



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



Steel Pinion Gear
M18, M18 PRO
#385612 - 12T/48
#385613 - 13T/48
#385614 - 14T/48
#385615 - 15T/48
#385616 - 16T/48
#385617 - 17T/48
#385619 - 19T/48
#385621 - 21T/48
#385623 - 23T/48



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



#389702
Micro Body 1/18 Lago - 150mm



#389707
Micro Body 1/18 NT18 - F360



#389706
Micro Body 1/18 Touring - 150mm

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

Alu Motor Holder

#382052
Alu Motor Holder
7075 T6 (5mm)



#38524
Graphite Main Driveshaft
M18T PRO

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

#381174
M18T PRO Graphite
Conversion Set

Alu Oil Shock



#388401
Rear Alu Oil Shock
Absorbers (2)

#388400
Front Alu Oil Shock
Absorbers (2)

Alu Steering Block



#382252
Alu Suspension
Block - Left

#382262
Alu Suspension
Block - Right

<p>Steel Pinion Gear fits M18T, M18MT</p>  <p>#385609 - 9T/48 #385610 - 10T/48 #385611 - 11T/48 #385612 - 12T/48</p> <p>#385613 - 13T/48 #385614 - 14T/48 #385615 - 15T/48 #385616 - 16T/48</p>	<p>Clutch Bell With Ball-Bearings - HUDY Steel</p>  <p>#388516 - 16T - fits NT18T, NT18MT #388521 - 21T - fits NT18, NT18T, NT18MT #388523 - 23T - fits NT18 #388525 - 25T - fits NT18</p>	<p>XRAY Spring Front + Rear - Set</p>  <p>#388192 Medium</p>	<p>XRAY Spring Front + Rear (4+4) - Set</p>  <p>#388191 Soft-Medium</p>	<p>XRAY Spring Front + Rear (4+4) - Set</p>  <p>#388181 Soft</p>	 <p>#382412 Anti-Roll Bar Front & Rear 1.2mm</p>
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<p>Steel Spur Gear+ Composite Spur Gear Adapter</p>  <p>#385654 54T / 48P #385665 65T / 48P</p>	 <p>#383302 Adj. Turnbuckle Set for Toe-in Adjustment</p>	 <p>#383095 Alu Shock Tower Rear 7075 T6 (4mm)</p>	 <p>#382095 Alu Shock Tower Front 7075 T6 (4mm)</p>	 <p>#385350 Conversion Alu Wheel Hubs for 1/10 Foam Tires</p>	 <p>#382041 Alu Heat Sink for Super Size Motor</p>	 <p>#385001 Alu Adj. Ball Differential Hard Coated - Set</p>	 <p>#940610 High-Speed Ball-Bearing 6x10x3 Rubber Sealed (2)</p>
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<p>#389611 Low Pin Rubber Tires - Hard Compound, Including Foam Inserts (4)</p>  <p>FOR M18T & NT18T</p>	<p>#389620 Micro Monster Truck Tires - Thrax Pattern, Including Foam Inserts (4)</p>  <p>FOR M18MT & NT18MT</p>	<p>#389622 Micro Monster Truck Tires - Skew Pattern, Including Foam Inserts (4)</p>  <p>FOR M18MT & NT18MT</p>	<p>#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)</p> 	<p>#389561 M18T Rear Foam Tire Mounted (25deg) - White (2) #389562 M18T Rear Foam Tire Mounted (37deg) - Magenta (2) #389564 M18T Front Foam Tire Mounted (42/47deg) - Purple/Orange (2)</p> 	 <p>#385521 Graphite Main Driveshaft M18T, M18MT</p>
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<p>Truck Body DRAGONFIRE - Pre-painted & Trimmed</p>  <p>#389774 - Green #389773 - Red #389772 - Blue #389771 - Orange</p>	<p>XRAY Aerodisk Wheels (4) FOR M18T & NT18T</p>  <p>#389936 - Orange #389939 - Yellow #389938 - Pink</p>
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<p>Monster Truck Body DRAGONFIRE - Pre-painted & Trimmed</p>  <p>#389766 - Green #389765 - Red #389764 - Blue #389763 - Orange</p>	<p>XRAY Starburst Wheels (4) FOR M18MT & NT18MT</p>  <p>#389946 - Orange #389949 - Yellow #389948 - Pink</p>
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The parts listed on this page will fit the M18T, M18MT, NT18T & NT18MT. 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 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 on which of the different models all the different option parts may or may not fit.



XRAY Team
Polo Shirt
#395201 - (S)
#395202 - (M)
#395203 - (L)
#395204 - (XL)
#395205 - (XXL)

XRAY Team
Sweater Hooded - Blue
#395500M - (M)
#395500L - (L)
#395500XL - (XL)
#395500XXL - (XXL)
#395500XXXL - (XXXL)

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

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

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

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

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

XRAY Team
Sweater
#395412 - (M)
#395413 - (L)
#395415 - (XL)
#395416 - (XXL)

XRAY Team
Softshell Jacket
#396020M - (M)
#396020L - (L)
#396020XL - (XL)
#396020XXL - (XXL)



XRAY Team
Carrying Bag
#397232

XRAY Team
Lady Polo Shirt
#395206XS - (XS)
#395206S - (S)
#395206M - (M)
#395206L - (L)

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

#397231
XRAY Team Carrying Bag



#397291-O
XRAY Pit Towel
Large



#397291-B
XRAY Pit Towel
Large

#397292-B
XRAY Pit Towel
Small



#397292-O
XRAY Pit Towel
Small



XRAY Cap
#396905 - (S)
#396902 - (M)
#396903 - (XL)
#396904 - (XXL)



#397242
Storage Box - Small



#397241
Storage Box - Large



**SET-UP BOARD LIMITED EDITION
CUSTOMIZED WITH YOUR NAME
FOR FREE**

YOUR NATIONAL FLAG

YOUR NAME & YOUR TEAM XRAY

YOUR DISTRIBUTOR



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

TEAM ACCESSORIES

PREMIUM SILICONE OIL

SILICONE

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	#359270 - 700 cSt	#359315 - 15 000 cSt
#359215 - 150 cSt	#359280 - 800 cSt	#359320 - 20 000 cSt
#359220 - 200 cSt	#359290 - 900 cSt	#359330 - 30 000 cSt
#359225 - 250 cSt	#359301 - 1000 cSt	#359340 - 40 000 cSt
#359230 - 300 cSt	#359302 - 2000 cSt	#359350 - 50 000 cSt
#359235 - 350 cSt	#359303 - 3000 cSt	#359360 - 60 000 cSt
#359240 - 400 cSt	#359305 - 5000 cSt	#359380 - 80 000 cSt
#359245 - 450 cSt	#359306 - 6000 cSt	#359392 - 100 000 cSt
#359250 - 500 cSt	#359307 - 7000 cSt	#359394 - 150 000 cSt
#359255 - 550 cSt	#359308 - 8000 cSt	#359396 - 200 000 cSt
#359260 - 600 cSt	#359310 - 10 000 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 SNUGLY 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

100 cSt

500 cSt

1000 cSt

10.000 cSt

300.000 cSt

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.

	XT8	M18 PRO	M18	M18T PRO	M18T	M18MT	NT18	NT18T	NT18MT								
Class:	1/8 nitro truggy	1/18 electric on-road micro car	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	kit, must be assembled	kit, must be assembled	RTR	KIT	KIT KIT + Power Pack RTR	KIT KIT + Electric Pack RTR	KIT KIT + Electric Pack RTR	RTR								
Part number:	#350201	#380002	#380000	#380040	#380501	#380500	#380591	#380540	#380600	#380691	#380640	#380200	#380291	#380700	#380791	#380740	#380840
Racing level:	PRO RACING	PRO RACING	CLUB RACING	FUN	PRO RACING	PRO RACING	CLUB RACING	FUN	PRO RACING	CLUB RACING	FUN	FUN	FUN	FUN	FUN	FUN	FUN
Specifications																	
Length w/o body:	574 mm	220 mm	215 mm	228 mm	212 mm	222 mm	220 mm	208 mm	222 mm	220 mm	208 mm	220 mm	208 mm	220 mm	208 mm	222 mm	222 mm
Chassis length:	452 mm	200 mm	200 mm	201 mm	185 mm	185 mm	201 mm	185 mm	185 mm	201 mm	185 mm	201 mm	185 mm	201 mm	185 mm	201 mm	185 mm
Wheelbase:	380~384 mm	150 mm	149 mm	166 mm	150 mm	150 mm	150 mm	150 mm	150 mm	150 mm	150 mm	150 mm	150 mm				
Width:	428 mm front; 430 mm rear	100 mm front; 107 mm rear	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	178 mm front; 180 mm rear	178 mm front; 180 mm rear	178 mm front; 180 mm rear	178 mm front; 180 mm rear	178 mm front; 180 mm rear	178 mm front; 180 mm rear	178 mm front; 180 mm rear	178 mm front; 180 mm rear	178 mm front; 180 mm rear	178 mm front; 180 mm rear	178 mm front; 180 mm rear
Weight:	2384 g	154 g	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:	3732 g	440 g	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:	Swiss 7075 T6 hardcoated aluminum 3.0mm	graphite 1.6 mm	composite chassis	graphite 2.0 mm	composite chassis	composite chassis	composite chassis	composite chassis	Swiss 7075 T6 aluminum 1.5mm	Swiss 7075 T6 aluminum 1.5mm	Swiss 7075 T6 aluminum 1.5mm	Swiss 7075 T6 aluminum 1.5mm	Swiss 7075 T6 aluminum 1.5mm	Swiss 7075 T6 aluminum 1.5mm	Swiss 7075 T6 aluminum 1.5mm	Swiss 7075 T6 aluminum 1.5mm	Swiss 7075 T6 aluminum 1.5mm
Drive train:	full-time shaft-drive 4WD w/center differential	shaft-drive 4WD	shaft-drive 4WD	shaft-drive 4WD	shaft-drive 4WD	shaft-drive 4WD	shaft-drive 4WD	shaft-drive 4WD	shaft-drive 4WD	shaft-drive 4WD	shaft-drive 4WD	shaft-drive 4WD	shaft-drive 4WD	shaft-drive 4WD	shaft-drive 4WD	shaft-drive 4WD	shaft-drive 4WD
Drive ratio:	15.88	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Front differential:	sealed, silicone-filled gear diff	composite ball differential - adjustable	composite gear differential	composite ball differential - adjustable	composite ball differential - adjustable	composite gear differential	composite gear differential	composite gear differential	composite gear differential	composite ball differential - adjustable							
Rear differential:	sealed, silicone-filled gear diff	composite ball differential - adjustable	composite gear differential	composite ball differential - adjustable	composite ball differential - adjustable	composite gear differential	composite gear differential	composite gear differential	composite gear differential	composite ball differential - adjustable							
Drive axle:	CVD drive shafts - Hudy Spring Steel™	universal joints with hex hub - composite	universal joints - composite	universal joints with hex hub - composite	universal joints with hex hub - composite	universal joints with hex hub - composite	universal joints with hex hub - composite	universal joints with hex hub - composite	universal joints with hex hub - composite	universal joints - composite	universal joints - composite	universal joints - composite	universal joints - composite	universal joints with hex hub - composite	universal joints with hex hub - composite	universal joints with hex hub - composite	universal joints with hex hub - composite
Suspension:	C-hub suspension with I.S.S.™	pivot suspension	pivot suspension	pivot suspension	pivot suspension	pivot suspension	pivot suspension	pivot suspension	pivot suspension	pivot suspension	pivot suspension	pivot suspension	pivot suspension	pivot suspension	pivot suspension	pivot suspension	pivot suspension
Shocks:	Machined aluminum, oil-filled coil-over shocks with 3.5mm shafts and folding boots	friction-type coil-over shocks	friction-type coil-over shocks	oil-filled coil-over shocks soft-medium shock springs	8x oil-filled coil-over shocks soft shock springs	friction-type coil-over shocks	friction-type coil-over shocks	friction-type coil-over shocks	friction-type coil-over shocks	oil-filled coil-over shocks medium springs	oil-filled coil-over shocks medium springs	oil-filled coil-over shocks soft shock springs	8x oil-filled coil-over shocks soft shock springs				
Top deck:	graphite radio plate	narrow graphite top deck	composite center linkage	graphite 2.0 mm upper deck	composite upper deck	composite upper deck	composite upper deck	composite upper deck	composite upper deck	steel center linkage	steel center linkage	steel center linkage	steel center linkage	composite upper deck	composite upper deck	composite upper deck	composite upper deck
Spur gear:	48P 43T F/R; 48P 48T - steel	48P 42T or 36T - composite	48P 36T - composite	48P 54T - composite	48P 54T - composite	48P 54T - composite	48P 54T - composite	48P 54T - composite	48P 54T - composite	48P 54T - composite	48P 54T - composite	48P 42T - composite	48P 42T - composite	48P 54T - steel			
Arms:	lower H-arm with adjustable upper camber link	hard	medium	standard	standard	standard	standard	standard	standard	hard	hard	hard	hard	standard	standard	standard	medium
Adjustability																	
Camber:	fully adjustable	preset front/rear: -1°	preset front/rear: -1°	preset front/rear: -2°	preset front/rear: -2°	preset front/rear: -1°	preset front/rear: -1°	preset front/rear: -1°	preset front/rear: -1°	preset front/rear: -2°	preset front/rear: -2°	preset front/rear: -2°	preset front/rear: -2°				
Front Caster:	preset 15° in caster block, adjustable with I.A.C.™	preset 6°; optional 12°	preset 12°; optional 6°	preset 12°	preset 12°	preset 12°	preset 12°	preset 12°	preset 12°	preset 12°	preset 12°	preset 12°	preset 12°				
Toe-in:	fully adjustable front; rear toe-in 2° or 3°	preset front toe-out 0.5° (adjustable option) preset rear toe-in 4° (adjustable option)	preset front toe-out 0.5° (adjustable option) preset rear toe-in 4° (adjustable option)	preset front toe-out 0.5° preset rear toe-in 3.5°	preset front toe-out 0.5° preset rear toe-in 3.5°	preset front toe-out 0.5° (adjustable option) preset rear toe-in 4° (adjustable option)	preset front toe-out 0.5° (adjustable option) preset rear toe-in 4° (adjustable option)	preset front toe-out 0.5° (adjustable option) preset rear toe-in 4° (adjustable option)	preset front toe-out 0.5° (adjustable option) preset rear toe-in 4° (adjustable option)	preset front toe-out 0.5° preset rear toe-in 3.5°							
Downstops:	adjustable front + rear	adjustable front + rear	adjustable front + rear	non-adjustable	non-adjustable	non-adjustable	non-adjustable	non-adjustable	non-adjustable	adjustable front + rear	non-adjustable	non-adjustable	non-adjustable	non-adjustable			
Front anti-dive:	Kick-up 4° or 5°	non-adjustable	non-adjustable	non-adjustable	non-adjustable	non-adjustable	non-adjustable	non-adjustable	non-adjustable	non-adjustable	non-adjustable	non-adjustable	non-adjustable	non-adjustable	non-adjustable	non-adjustable	non-adjustable
Rear anti-squat:	1° or 2°	non-adjustable	non-adjustable	non-adjustable	non-adjustable	non-adjustable	non-adjustable	non-adjustable	non-adjustable	non-adjustable	non-adjustable	non-adjustable	non-adjustable	non-adjustable	non-adjustable	non-adjustable	non-adjustable
Anti-roll bars:	front 2.4 mm + rear 2.8 mm	not available	not available	front 1.0 mm + rear 1.0 mm	optional front + rear	not available	not available	not available	not available	front 1.0 mm + rear 1.0 mm	front 1.0 mm + rear 1.0 mm	front 1.0 mm + rear 1.0 mm	optional front + rear				
Equipment			Kit:	RTR:	KIT	KIT + Power Pack	RTR	KIT	KIT + Power Pack	RTR	KIT	KIT + Electric Pack	KIT	KIT + Electric Pack	RTR	KIT	KIT + Electric Pack
Transmitter:	no	no	no	yes	no	no	yes (XRAY XT1)	no	no	yes (XRAY XT1)	no	no	no	no	yes (XRAY XT1)	yes (XRAY XT1)	yes (XRAY XT1)
Receiver:	no	no	no	yes	no	no	yes (XRAY XR1)	no	no	yes (XRAY XR1)	no	no	no	no	yes (XRAY XR1)	yes (XRAY XR1)	yes (XRAY XR1)
Transmitter battery:	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no
Wheels:	no	yes	yes	yes (pre-glued)	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes (pre-glued)	yes (pre-glued)	yes (pre-glued)
Tires:	no	yes (foam 50 DEG front; 35 DEG rear)	yes (rubber)	yes (pre-glued)	yes	yes	yes (pre-glued)	yes	yes	yes (pre-glued)	yes (foam 50 DEG front; 35 DEG rear)	yes (foam 50 DEG front; 35 DEG rear)	yes (foam 50 DEG front; 35 DEG rear)	yes (pre-glued)	yes (pre-glued)	yes (pre-glued)	yes (pre-glued)
Body:	yes (clear XRAY Truggy body)	yes (clear touring body)	clear body	pre-painted & trimmed	yes (clear truck body)	yes (clear truck body)	yes (pre-painted & trimmed)	yes (clear monster body)	yes (clear monster body)	yes (pre-painted & trimmed)	yes (clear touring body)	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	no	yes (XRAY 180)	no	no	yes (XRAY 370)	yes (XRAY 370)	no	yes (XRAY 370)	yes (XRAY 370)						
Speed controller:		no	no	yes (XMC 180)	no	no	yes (XMC 300R)	yes (XMC 300R)	no	yes (XMC 300R)	yes (XMC 300R)						
Battery pack:		no	no	no	no	no	no	no	no	no	no						
Steering servo:		no	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:	no											yes (0.8cc)	yes (0.8cc)	yes (0.8cc)	yes (0.8cc)	yes (0.8cc)	yes (0.8cc)
Muffler:	no											yes	yes	yes	yes	yes	yes
Throttle servo:	no										no	yes (XMS-01MG)	no	yes (XMS-01MG)	yes (XMS-01MG)	yes (XMS-01MG)	yes (XMS-01MG)
Receiver battery:	no										no	yes	no	yes	yes	yes	yes
Switch:	no (optional)										no	yes	no	yes	yes	yes	yes
Start box:	no										yes	yes	yes	yes	yes	yes	yes
Fuel:	no										no	no	no	no	no	no	no
Glow heater:	no										no	no	no	no	no	no	no
Paint:	no	no	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	no	no
Tools:	no	no	Philips screwdriver	no	Philips screwdriver	Philips screwdriver	no	Philips screwdriver	Philips screwdriver	no	Philips screwdriver	Philips screwdriver	no	Philips screwdriver	Philips screwdriver	no	no

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.



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 9m². At the same time, the first handmade bodies were produced from laminate and epoxy material.



1977

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



1978

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



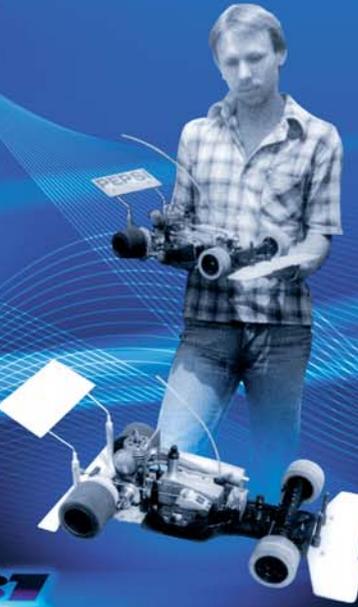
1980

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.



1981

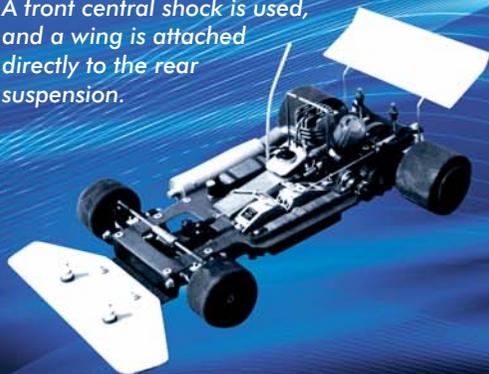
a new nitro car featured solid suspension, a central differential, adjustable width and caster, and simple dampening. The first bodies were produced using a vacuum machine and special ABS material. From this year onwards, 10-15 cars were hand-made each year.



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.



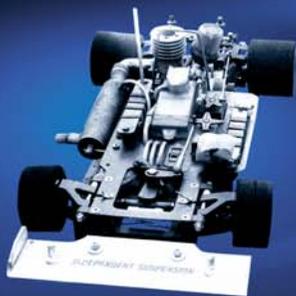
1986

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.



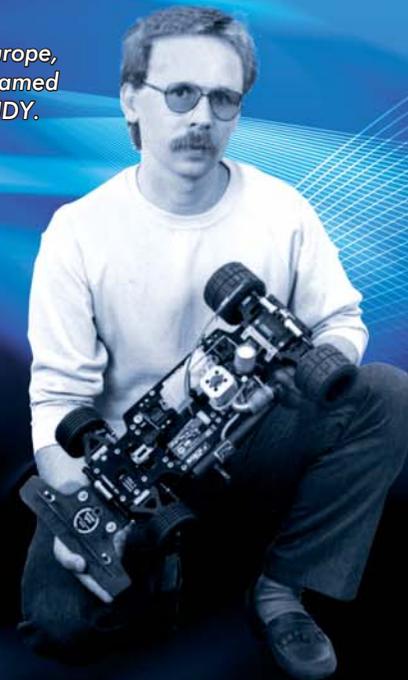
1988

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.



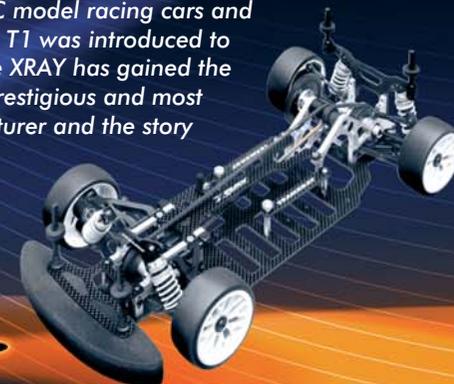
1990

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 60m². 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 2000m² 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 HERITAGE 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

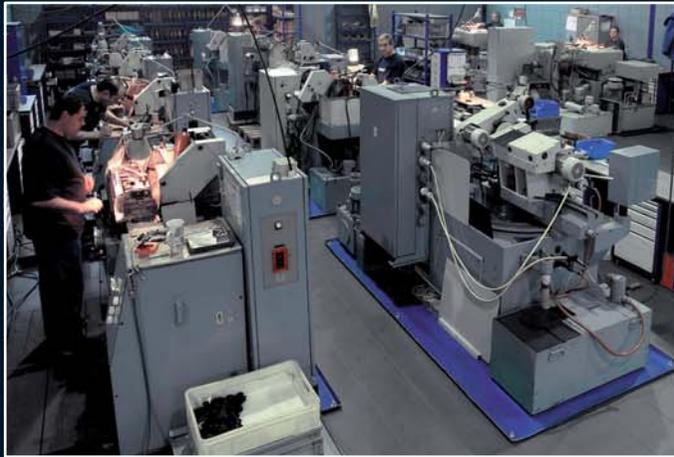
Highest-capacity German 11-axis CNC-cutting machines



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



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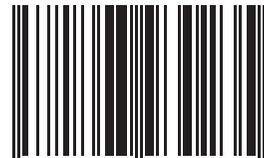
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