

PACÉ



T h e P o r t f o l i o

PROFILE

By carving an inspired evolutionary path through the plethora of Mountain Bike clones, PACE RESEARCH continue to achieve advances in bike design that grab the headlines and set standards that will always leave the competition trailing.

Working to a demanding and specific design brief, the PACE RESEARCH products team work from the ground up, testing componentry over some of the U.K.'s most unrelenting terrain, the Yorkshire Forests, Moors and Dales.

Race componentry receives a level of mechanical abuse far exceeding the limits normally built into production items. PACE use their race team to evaluate and develop new products, working on principles of ultimate strength, lightweight, servicing simplicity and total rebuildability. Every component part making up a PACE product is available as a stock item.

PACE evolved from a chance meeting of two experts in the field of product design and specialist engineering, Adrian Carter and Duncan Macdonald. Their love of Mountain Biking creates and feeds the nucleus of what has now become one of the world's most highly acclaimed specialist bicycle componentry manufacturers.

Determined not to lose sight of the 'Small is Beautiful' ideology of appropriate technology, the PACE evolution will continue along the path of modest engineering excellence, natural growth and, perhaps above all, surprising innovation in a world of clones and plagiarism. Guaranteed.

THE RC200 FRAME

Each aluminium 7000 Series TIG welded frame is meticulously fabricated by Duncan Macdonald, PACE development engineer. Drop-outs, gear hangers, in fact all frame parts are PACE designed then CNC machined from the finest material.

Every detail of the design has been evaluated and carefully developed through the rigours of competition use.

The RC 200 represents the pinnacle of quality and state of the art development for a competition chassis.

The PACE development team design the geometry, the frame layout and every component part, from cable stops to seat clamp. We are also one of the few manufacturers to design and manufacture our own tube set. Each profile, section and wall thickness has been developed through intensive C.A.D. research, and competition riding. The result is a custom designed tubeset, which is even extruded through our own dies.

What all this means to you is that, whether you earn your living as a mountain bike racer or simply love to ride to the limit, your potential will never be hindered by the limits of frame design. The RC 200 will always

be ahead of your own physical abilities. Whether you excel on radical climbs, rock strewn single track, or kamikaze plunges.

ASK ANY PACE OWNER.

Consider the specifications.

The wishbone snake-stay rear triangle, new for '92, features the famous PACE asymmetric construction method, ensuring superb chainline, minimal wheel dishing and super-efficient power delivery. The power you produce is converted directly into drive.

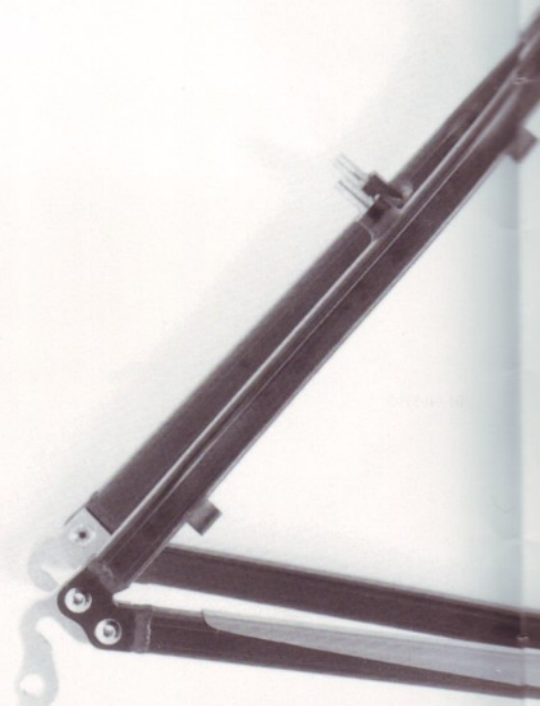
Also new for '92, both rear drop-outs can be detached and replaced in minutes if crash damage is sustained, whilst the PACE anti-chainsuck plate protects your chainstay (and your lap times!) The main triangle of the RC 200 features top tube driven cable guides, for clean lines and ease of maintenance, and boasts as standard equipment a Mavic bolt-on competition front derailleur, mounted to accommodate a full chainring range from Microdrive to a 50 tooth outer.

The unique design of the main triangle features lightweight externally butted box section tubes. We call them 'load dedicated' because of their efficient resistance to the varied loads placed on each tube surface. In simple language, tube material is removed where it is not needed, independently on each of the tubes four faces. Even the deep head tube is specifically designed and extruded with vertical webs to resist extreme steering forces, for direct tracking and increased headset life.

A significant development with the RC 200 is the inclusion of the renowned ROYCE TITANIUM Bottom Bracket*, housed in a completely new alloy shell. Offering light weight and maximum strength, the fully sealed and adjustable bottom bracket offers a standard of quality that supercedes any system known to us. The RC 200 is built for speed. We've never been happy with a standard cantilever brake set up so, for '92, the 200 frame will come equipped with the PACE Brake Rocker Crank, a simple innovation that dramatically increases the power and modulation of whichever cantilever system you choose to fit. Every feature of the RC 200 stresses ease of maintenance after the rigours of racing and none more so than the new anodised finish. With a choice of replaceable graphics, the 200s radical good looks will stay good.

IF YOU NEED MORE PERFORMANCE FROM AN OFF-ROAD MACHINE, PERHAPS YOU SHOULD START RACING OFFROAD MOTORCYCLES.

*Titanium crank bolts optional extra



Guarantee
Frame — lifetime for offroad riding (excluding drop-outs)
Royce BB — 1 year



RC-200 Key Specification

Material 7000 Series Aluminium Alloy
Sizes 17 19 21 inches. Finish Hard Anodised
Geometry Seat 74° Head 71°, Top Tube 23.1 23.5 24.1 inches
Royce BB Axle Titanium (width 122mm)
(material) Cups and Cartridge Aluminium Alloy





RC-30 Key Specification

Material	Crown 6084-T6. Steerer and Blades Columbus ChroMo
Offset	1.5 inches. Length 15.25 inches
Finish	Anodised/Bright Chrome
Steerers	1" 1 1/4" 1 1/2" diameter. 120 through 225mm length

RC-30 FORK

Mountain Bike competitions in the UK are ranked as some of the most demanding on rider and equipment in the world. Characterised by rock strewn muddy switchback trails and complex climbing and swooping single track, the courses emphasise the importance of total control and safety. A rider's choice of fork is critical. The RC-30 composite fork is the number one upgrade for serious teams and riders.

Designed as part of the RC Modular Fork System, the RC-30 is light, superstrong, totally rebuildable and designed for fast conversion to the RC-35 suspension system. When conditions demand, you simply plug in the suspension blades.

The new RC-30 fork uses 28.6mm diameter butted Columbus blades, clamped into the PACE gull-wing 6084-T6 aluminium crown. RC-35 specification drop-outs and blade cap are now bonded in.

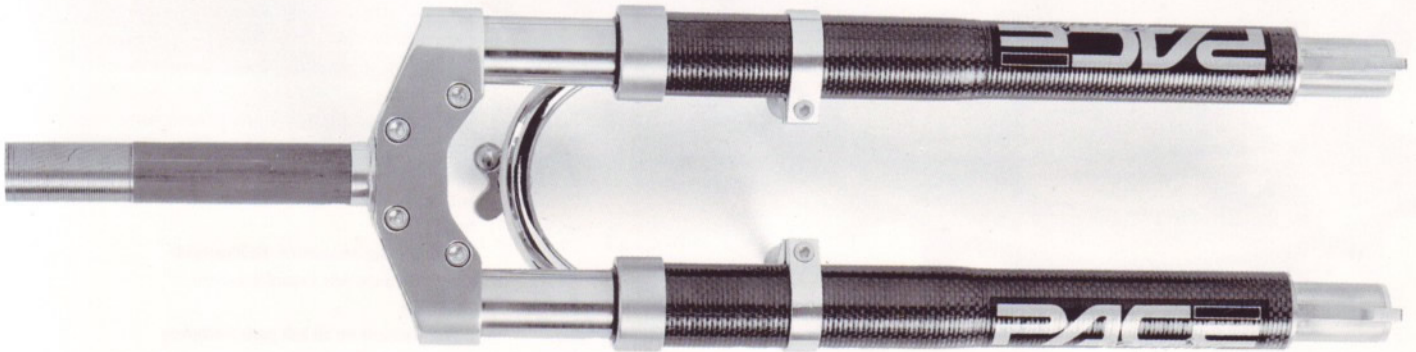
One of the most notable attributes of the RC-30 is its radical lateral rigidity. For remarkable tracking accuracy and precise steering reaction, the RC-30 is unrivalled, whilst the split crown design ensures a surprisingly comfortable and resilient ride. The RC-30 retrofits to any machine and with the new inset cantilever bosses, dedicated to the latest generation of low profile brakes, maximises the inherent power of every braking system. Also new for '92 is the chrome plated finish to the blades and a polished anodised crown in the new PACE "Analog 'D'" finish. Available in Standard, Avenger and Evolution diameter. All lengths.

Guarantee

Full 2-year warranty against bending or failure in offroad riding/racing.

RC-35 Key Specification

Material	Crown 6084-T6. Steerer and Stanchions Columbus Chromo
Offset	1.5 inches. Length 16.25 inches. Travel 1.85 inches
Finish	Anodised/Hard Chrome-ground
Steerers	1" 1 1/4" diameter. 120 through 225mm length



RC-35K

When initially developed in 1988, the RC-30 fork was designed with suspension in mind. By simply loosening the four crown screws and removing the rigid blades, the RC-30 can be converted to full RC-35 suspension spec. within minutes. For riders who prefer the more direct steering character of the RC-30, a choice of fork legs can be reserved until the morning of the race. The RC-35K comes as a kit of parts with two fully assembled suspension legs plus brake bridge and associated hardware. When assembled, your suspension fork will open up a whole new world of radical riding options, and can easily be fine-tuned to your own preferences.

By popping open the inspection port and removing the two alloy screws at the base of each suspension leg, you can remove the whole slider assembly for a change of elastomer cores or cleaning. All you need is an allen key. Although high tech, our products do not need specialist tools for servicing.

The RC-35K is manufactured from the highest quality carbons, alloys and chrome-molybdenum steels, and looks great with our custom design iridescent graphics!

Guarantee

Full 2-year guarantee on entire kit of parts for offroad riding/racing.

RC-35 SUSPENSION FORK

The RC-35 Suspension Fork System represents the most advanced 'front end' available, offering astounding performance in three distinct areas — suspension, handling and braking. That's why it has become the personal choice of many of the most successful riders in the world.

Despite its superlight build, the RC-35 is massively strong, with high strength nine layer carbon-fibre composite sliders, oversize hardened-chrome ground Columbus Cro-moly stanchions, mated to the most advanced aluminium fork crown in the business. The RC-35 can be retro fitted to any machine and is designed to complement your bikes existing geometry (whilst still offering 1 1/8 inches of smooth travel). Fork stiction is minimised with the use of carbon-loaded self lubricating bearings and a double wiper/seal arrangement. Two microvorn damper cores are stacked in each leg, providing smooth progressive fork action. Should you wish to fine tune the system, to provide a harder or softer action, the elastomer cores can be quickly and simply replaced.

At the level where most fork engineers conclude their design, PACE have continued the development process. By maximising the overlap between stanchion and slider, our fork legs smoothly slide where others simply flex and bind. This design advantage also allows us to mount the brake bridge at four widely spaced points along its length, rather than just at the cantilever bosses. The result is a radical improvement in steering accuracy and wheel tracking.

Taking our design parameters further, we looked at how the oversize thin wall brake bridge could be mounted inboard (behind the fork), to clean up the design and provide a mechanical advantage to the unique PACE braking system.

By mounting the brake inboard, PACE have maximised braking action by concentrating the force of the brake within the supporting fork structure, rather than the more usual forward dispersal of braking energy found in conventional systems. To increase the braking power further and improve lever modulation, the unique PACE Rocker Crank designed for our RC200, drives the cables with solid efficiency.

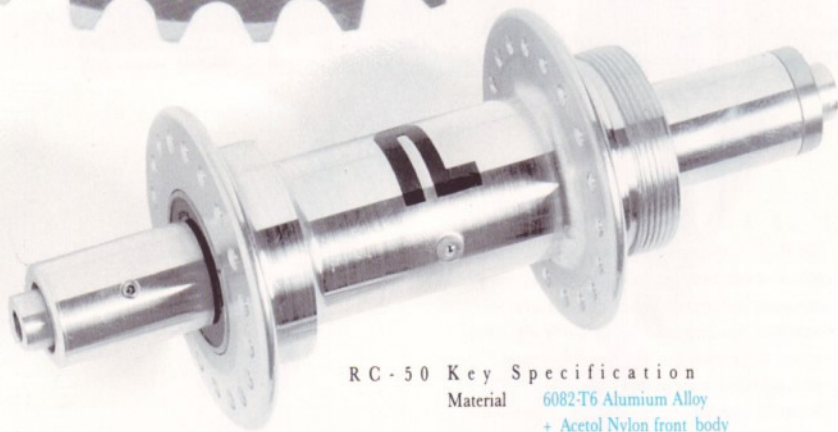
The RC-35 is designed for competition use. It is fast and simple to maintain, and is totally rebuildable. PACE have not simply designed a suspension fork. The RC-35 is a complete 'front end' system for your machine, boasting high tech/high quality construction — with pure class good looks. Full range of steerer diameters and lengths available.

Guarantee

Full two-year warranty on entire fork for offroad riding/racing.

RC-20 Key Specification

Material	7000 Series Aluminium Alloy
PCD	110/74mm (MD 94/56 mm)
Sizes	24 through 28 (MD 20) 34 through 38 (MD 34) 44 through 52 (MD 42+44) Odd and even sizes
Finish	Anodised



RC-50 Key Specification

Material	6082-T6 Aluminium Alloy + Acetol Nylon front body
Drillings	28 32 36. Width 100/135mm
Finish	Anodised



RC-50 HUBS

One of the most abused, underserved and generally misunderstood parts of an MTB are the hubs. Despite many races being won or lost through mechanical, rather than physical or skill disadvantage, riders continue to ignore the 'legs' of their bike, the wheels. You've just got to have a good set of wheels! Not only do they help you convert your own power into speed ... they represent the most important place to increase strength whilst decreasing weight.

Our latest generation hubs are both superlight and superstrong, giving extra support to the wheel with wide diameter flanges, contoured spoke bore and rebated flange for efficient spoke alignment. The rear hub is CNC machined from billet 6082-T6 aluminium. The front is of extra light composite construction, using a unique reinforced Acetol body. Both hubs use oversize aluminium axles with screw held end spacers, providing the necessary and critical

balance between strength and minimum weight.

A tiny greaseport is fitted to the centre of each hub body, feeding lubricant to the high quality non-contact seal cartridge bearings, increasing bearing life and reducing friction.

When the bearings eventually wear out, you simply knock them out and tap in another one — reinforcing our principles of simplicity in design, operation and maintenance.

RC50 hubs are particularly suitable for heavy duty applications, despite their low weight. They can be supplied in 28, 32 or 36 hole combinations, individually or in pairs, and can be used with any screw-on freewheel.

The PACE team recommend the Hyperglide-compatible Sachs Aris 7-speed freewheel.

Guarantee

2-year warranty on all hub parts (excluding bearings) for offroad riding/racing.

RC-20 CHAINRINGS

PACE rings are not simply replacement chainrings.

They represent the finest upgrade you can make to your transmission system. Designed to be compatible with all leading makes of MTB cranks, RC20 rings are available in over twenty different tooth variations.

You're no longer tied to the group-set mentality of 26, 36, 46 or 28, 38, 48 because PACE recognise that every rider needs to personalise a machine to complement riding style, terrain and fitness. If you want a 51 tooth ring for downhill or a 44 for rock clearance, PACE recognise the specialist requirements of active riders. Dedicated odd and even sizes are available from 24 to 52 teeth with an ever expanding range.

Anodised in the PACE Analog 'D' finish, our C.A.D. 'Impeller' profile rings look outstanding and ooze quality and performance to match. The high grade 7075-T6 aluminium we use is classified as Grade 1 armour plate by the defence industry, and give the highest resistance to wear, flex and impact damage. The lightweight wide section outer supports ensure improved power transmission. The fact that they are CNC machined from rolled sheet aluminium ensures the highest degree of spinning trueness and tolerance.

RC-20 MD

To complement the RC20 range, PACE can now offer a wide choice of chainrings for the acclaimed Suntour Microdrive system. With the extra torque demands made upon smaller diameter chainrings, down to as low as 20 teeth, the high specification of PACE rings makes them the serious choice for this new generation transmission system.

Guarantee

Against breakage and bending for 1 year.



RC-SUB-130 Key Specification

Material	7000 Series Aluminium Alloy
Width	23 ins. Bend 3°
Finish	Anodised



RC-5 RC-6 Key Specification

Material	Interface Micro-Porous
Sizes	S M L XL
Colours	Intense Red/Purple/Black



PACE CLOTHING

PACE recognise the mix of function and fashion that makes MTB clothing stand out from the run-of-the-mill. We have designed a range of clothing to cover all-season needs for the rider who wants to show the PACE identity without simply becoming an MTB fashion clone!

RC5 & 6 RACE TOPS

PACE racing tops come in short and long sleeve versions. Manufactured in the U.K., and tailored exclusively for off road use, our team clothing is made from Micro-porous Interface fabric. This exciting new Swiss performance fabric rapidly wicks moisture from the skin leaving the body cool and dry, even in the heat of competition. In bright team colours with full Pace Racing graphics, both the RC5 and 6 have a generous cut to the neckline for better heat dispersion and a lowered back section with three built in pockets for food and trail tools storage.

SWEATSHIRTS and T-SHIRTS

The new PACE RACING and HIP TO BE SQUARE LOGO are expandex printed onto carefully selected high quality garments. Both sweats and T's are manufactured from chunky heavyweight materials with three bright colourways for graphics. Great for keeping warm at the race or chilling out at the bar.

T-Shirts come in short sleeve or our new Turtle neck long sleeve. Sweats are generous cut, with fleecy lining and raglan sleeves.

RC-SUB-130 HANDLEBAR

The most extreme forms of offroad racing are found in the various disciplines of motorcycling. Riders push their 250lb + machines to frightening speeds over the roughest terrain. The loads exerted are enormous. The risk and success stakes are high.

Emerging from this sector of sport, there is one manufacturer who stands above all others in terms of competition success, with nearly 50 World Championship titles to their credit.

RENTHAL manufacture the finest competition handlebars in the world. So, when PACE wanted the best MTB bar design, there was only one partnership worth forging. . .

The result . . . The RC-SUB-130, the worlds most advanced competition MTB handlebar, weighing in at less than 130 grammes at a full 23" width.

The 'SUB 130 is manufactured from quality aluminium alloys, custom heat treated to give the precise balance between strength, resilience and weight. The tube diameter and wall section are precisely dedicated to the loads they have to resist so that, not only does the SUB-130 damp out shock, but is also equally strong at ANY point along its length. A short taper to the centre bulge offers maximum room for control levers, whilst a 3 degree bend gives an ergonomic hand position for aggressive offroad riding.

For those wanting to run clamp-on bar ends, the SUB-130 is supplied with individually CNC machined inserts which guarantee performance and end seal the bar.

Beautifully anodised in three finishes, the bar has all graphics permanently electro-plated into the leading edge.

Guarantee

Comprehensive 2-year warranty.

Should you live within the following postal areas, the full range of products are exclusively available from our regional STATUS 1 Authorised Dealers (applies to servicable products only).

Outside of these districts, PACE products may be obtained from any quality dealer.

Should you experience any difficulty in obtaining Pace products please call us direct.

- BD** Aire Valley Cycles
102 East Parade, Keighley, West Yorkshire BD21 5HZ
Tel: 0535-610839
- B** A&M Cycles
1 Wardle Street, Tarnworth, Staffs. B79 7QH
Tel: 0827-54767
- TS** Bike Scene
54 Church Square, Guisborough, Cleveland TS14 6BX
Tel: 0287-610735
- NG** Castle Cycles
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Tel: 0636-79893
- TQ** Chris Hopkins Cycles
27 Regent Street, Teignmouth, Devon TQ14 8SJ
Tel: 0626-773784
- DE** Cyclone
76 Bridge Street, Belper, Derbyshire DE5 1AZ
Tel: 0773-821428
- GS** Cykik Glasgow Ltd.
30 St. Georges Road, Charing Cross, Glasgow G5 6UJ
Tel: 041-353-2894
- NE** Denton Cycles
21 Blenheim Street, Newcastle Upon Tyne, Tyne and Wear NE1 4AY. Tel: 091-232-3903
- BB** Eric Burgess Cycles
10-12 Church Street, Padiham, N'r Burnley, Lancs BB12 8HG. Tel: 0282-78487
- HU** Freetown Sports
Unit 5 Vilhandro House, Freetown Way, Hull, Humberside HU2 8SL. Tel: 0482-589066
- CR** Geoffrey Butler Cycles
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Tel: 081-688-5094
Cycles Unlimited
429 Brighton Road, Croydon CR26 2E0
Tel: 081-763-1988
- BH** Horswills Cycles
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Tel: 0202-512761
- S** James Cycles
347-361 Bramall Lane, Sheffield S2 4RN
Tel: 0742-550557
James Cycles
124 Fitzwilliam Road, Rotherham, Sheffield S64 1PX
Tel: 0709-361919
James Cycles Centre
Progress House, Brimington Road North, Chesterfield S41 9AD. Tel: 0246-453453/455855
- BN** Lancing Cycles
20 Crabtree Lane, Lancing, Sussex BN15 9PQ
Tel: 0903-752308

- PR** Leisure Lakes
Mere Brow, Tarleton, Lancashire PR4 6LR
Tel: 0772-814990
- GU** Motosport
Unit 10 Smithbrook Kilns, Cranleigh, Surrey GU6 8JJ
Tel: 0483-278282
- HP** Mountain High
Tower Court Horns Lane, Princes Risborough, Bucks HP17 0AJ. Tel: 0844-274260
or
125 High Street, Rickmansworth, Herts WD3 1AN
Tel: 0923-775630
- AB** Neil Ross Cycle Specialists
232 King Street, Aberdeen AB2 3BU
Tel: 0224-626360
- M** Neil Walton Cycles
8 Warburton Street, Didsbury M20 0RA
Tel: 061-446-2084
- GL** Noaahs Ark Cycles
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Tel: 0453-884738
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38 Clarence Street, Cheltenham
Tel: 0242-251400
- SE** On Your Bike Limited
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Tel: 071-378-6669
- SW** On Your Bike Limited
22-24 Buckingham Palace Road, Victoria, London SW1W 0QP. Tel: 071-630 6669
On Your Bike Limited
At Lillywhites, 24-36 Regent Street, London SW1
Tel: 071-930-3181
On Your Bike at YHA
14 Southampton Street, Covent Garden, London W62E 7HY. Tel: 071-836-8541
- LS** Stif
The Loft 1 Granby Street, Headingley, Leeds, West Yorkshire LS6 3AZ. Tel: 0532-789606
- EH** Williamsons Cycles
26 Hamilton Place, Stockbridge, Edinburgh EH3 5AU
Tel: 031-225-3286
- PH** Zoom Cycles
5A Clifton Street, Lytham, Lancs
Tel: 0253-733619

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BD15 0AB
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Fax: 0535 271410

Specifications are subject to improvement without notice.



We at Pace Research are committed to our sport and its future. Help to secure continued access to the countryside by riding responsibly.

Ride safe, always wear a helmet and enjoy the outdoors with compassion for the environment.

Race responsibly and be considerate to other competitors. Race To Win.

PACE

Official Supporters of the UK Team.



Canada 1992.