



# **NUKEPROOF**

## TWENTY ELEVEN FRAME SPECIFICATIONS

### **SCALP**

#### **SCALP DOWN-HILL FRAME**

We've had a full suspension project running for Nukeproof since March 2009. Starting with the MEGA bike project, and expanding to include the SCALP. First samples arrived with us in early February and we've had an extended amount of race testing in the UK and abroad. We're entering our final periods of testing on pre-production samples and hope to have product released by early 2011.

SCALP uses a pull-link driven singlepivot configuration "Fallout Link" to drive the shock in a three stage progressive action. The action is overall progressive through out, with increasing progression at the beginning and end of the stroke, but a linearly progressive midstroke to avoid any spikes in damping.

Huge 40mm diameter main pivot bearings are used with bearings mounted in machined faces in the swingarm, to provide maximum spacing and stiffness. Twin dogbones pull, rather than push, the swinglink giving us our perfect progression rate, and allowing ride height tuning by swapping for different length. Shock is a 240x75mm giving 209mm of rear travel.

Geometry sits at 63deg head angle, 47in wheelbase, 14in BB on our large size.

- \* Massive singlepivot bearings for unparalleled stiffness
- \* Fallout linkage driven three stage progression
- \* 209mm rear travel with 3in stroke shock
- \* Double welded 6061-T6 construction throughout
- \* 83mm BB, 150mm maxle rear.
- \* 1.5in headtube.
- \* Raw, Black or Yellow finish.
- \* On sale February 2011.



# MEGA

## MEGA ENDURO FRAME

Evolved from a really simple test-bench bike that placed highly in the 2009 Megavalanche, the MEGA has been totally redesigned combining our desires for pedalling performance and rock and drop taming suspension action. Designed for bike park, endurance DH and hardcore trail use.

MEGA uses our Erosion linkage giving a smooth progressive action with well controlled mid-stroke to avoid wallowing under pedal loads. Matching 150mm of rear travel to 150/160mm fork height gives balanced suspension performance in all conditions.

Oversize main bearing pivots are encapsulated in a bespoke CNC machined framepart to ensure alignment, durability and precision. Asymmetric chainstay design gives clearance for front derailleur and compatibility with all leading models of ISCG mounted chain retention systems.

Geometry is based around 13.2in BB with 66deg head and 75deg seat angle, for climbing and descending prowess.

44mm headset standard keeps the front of the bike light, with Nukeproof headset options allowing flush internal, flush external, tapered or 1.5in headset compatibility.

- \* Oversize full complement bearings throughout.
- \* Erosion link and custom tuned shock give superior action and pedalling performance
- \* 150mm rear travel matching 150/160mm fork.
- \* Cable guides for dropper seatpost remote.
- \* 44mm headtube
- \* 73mm BB, 135mm Maxle rear.
- \* Raw, Black or Yellow finish.
- \* On sale February 2011.



# SNAP

## SNAP 4X HARDTAIL FRAME

Race winning 4x hardtail designed in association with Euro 4x champion Lukas Mechura. Our production model of Lukas' bike comes with race-proven 4x geometry, adaptable futureproof dropouts to allow 10mm Qr, Maxle135 or Maxle142 options.

44mm headset standard keeps the front of the bike light, with Nukeproof headset options allowing flush internal, flush external, tapered or 1.5in headset compatibility.

6061-T6 hand welded construction is used, with tube selection designed to combine light weight with front end and drivetrain stiffness to allow fast gate-exits and precision cornering under load.

- \* Race proven heritage under Euro 4x champion Lukas Mechura.
- \* Custom 6061-T6 construction
- \* 44mm headtube
- \* ISCG mounts
- \* 73mm BB shell
- \* 135mm rear spacing
- \* Maxle135, Maxle142, QR or horizontal dropout options
- \* Raw, Black or Yellow finish.
- \* On sale Autumn 2010.

