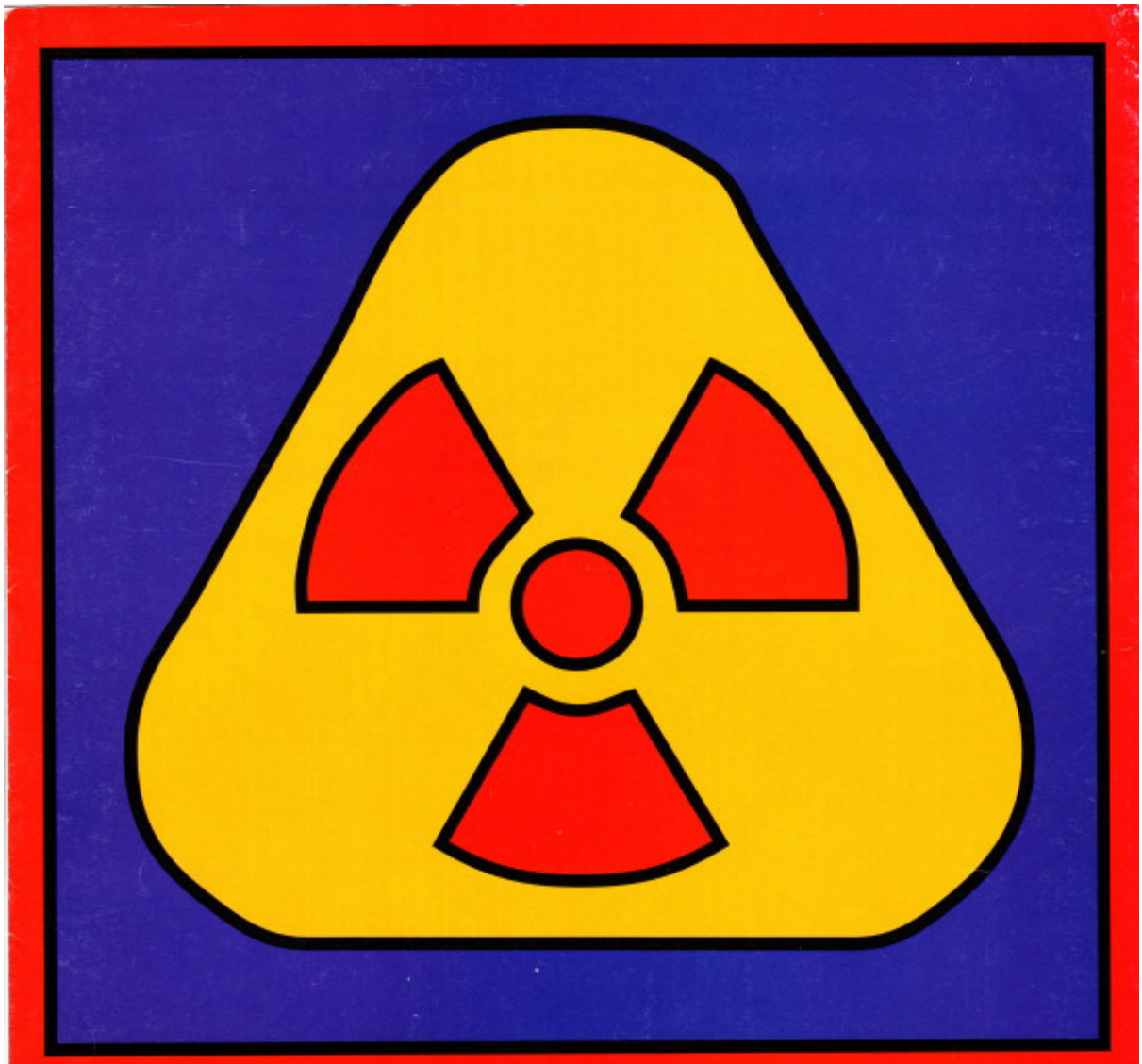


NUKE PROOF®

1 9 9 7

Reactor

Technically Speaking...

The Nuke Proof Reactor is a superior integrated frame and fork suspension design which is strong, lightweight and extremely responsive. The oversized 44mm x 45mm headtube houses an **adjustable coil over oil shock** as well as its own headset. The shock absorber is connected to the fork legs via a **Double Parallelogram Linkage System** using inflexible needle bearings in all the pivot points to increase stiffness. The linkage and coil spring combination results in **zero stiction and truer travel** than any other suspension fork. Using a performance proven, zero stiction, motocross style shock unit, the head angle doesn't change while on the flat ground, on inclines, declines or in steep breaking situations. **The Fork legs are one piece instead of telescopic** like most suspension forks. The friction that occurs between the seals and sliders of telescopic forks is stiction and will be

to finish reading this look over there →

NUKE PROOF®

Reactor

Welcome to the future of Mountain Biking....



Dear Nuke Proof,

You really came through for me letting me ride the Reactor. It's Mysterious and Unique ways both excited me and gave me great confidence. The Reactor hates to procrastinate and takes off like a Rocket! The suspension works great on the downhills and the Reactor climbs equally well. I was AMAZED! I love this bike! It's solid, stable, light and fast.....it's a 10! Thanks a lot.

Kevi Weston

REACTOR Profiles



Reactor

continued...

eliminated by the coil shock allowing the bike to react to even the slightest obstacles more quickly than the telescopic forks. When the fork is fully compressed at 2.75" of travel, the top of the fork legs move up and forward, rising to the rider, while the **head angle remains virtually unchanged**. When telescopic forks are fully compressed, the wheelbase is shortened by 7/8"and the nose of the bike dives. The Reactor, when fully compressed, **shortens the wheelbase by only 1/4"**. In high speeds, which is when a shock is most likely to become fully compressed, the Reactor's longer wheelbase provides **more stability and superior handling characteristics.**

The Reactor comes in three sizes; 16.5", 18.5", and 20.5" and is fabricated of oversized heat-treated aircraft aluminum, resulting in a lighter weight and more rigid frame. Effectively making it **the fastest thing climbing or descending!**

now that you're done reading this, stop drooling and call Nuke Proof for the dealer nearest you!

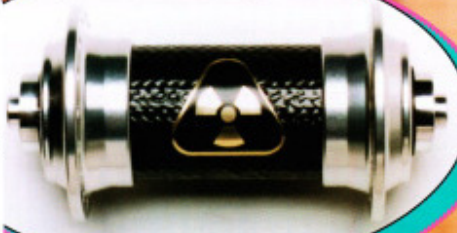
NEW Atom Bomb Hub

rear



Nuke Proof's long anticipated **"Atom Bomb" "Suspension" Rear H** is here and has been well worth the "weight"...the prototype weighs o 281 grams! Employing a non-drive side Atom Bomb flange and larger Atom Bomb center tube, the hub uses a custom axle that maintains a 22mm diameter from the non-drive bearing to the drive side flange w it tappers to 10mm. The oversized hub shell, bearings, and axle assem make this an ideal choice for full suspension bikes. The hub utilizes a carbon wrapped, aluminum center tube with 6061 T-6 and 7075 T-6 aluminum flanges. The gram count is kept to a minimum via a Shima titanium free hub body.

front



The **"Atom Bomb" Front Suspension Hub**, is 144 grams of no flex, giving it smooth rolling oversized stiffness. It features an oversized hub shell and oversized flanges along with one of, if not the largest axle/bearing assembly available. The giant 20mm axle penetrates a pair of tremendous, low resistance bearings. The axle, acting also as the spacers, comes in direct contact with your dropouts. This provides the stiffest possible connection between the axle and the dropout. The outer axle measures 22mm in diameter for maximum surface contact between the spacer and fork dropout....the ultimate stiffness!

Bombshell Hubs



With over 2 years of production and megatons of **"Bombshell"Hubsets** out in the field, the hubmasters at Nuke proof are establishing new standards for durability in the aftermarket hub arena. The "Bombshells" have gained wide spread popularity and prove themselves constantly and consistently. Registering under 400 grams per pair, the "Bombshells" are constructed with aerospace grade 6061 T-6 heat-treated aluminum flanges and axle spacers, and feature a carbon composite wrapped aluminum center tube. The rear hub revolves around a 6AL/4V titanium axle while the front sports a rigid 17mm spiral fluted 7075 T-6 heat treated aluminum spindle. The cassette rear hub is compatible with Shimano 7& 8 speed, standard and compact drive clusters, and is available in road, mountain and tandem spacing.

Titanium Hubs



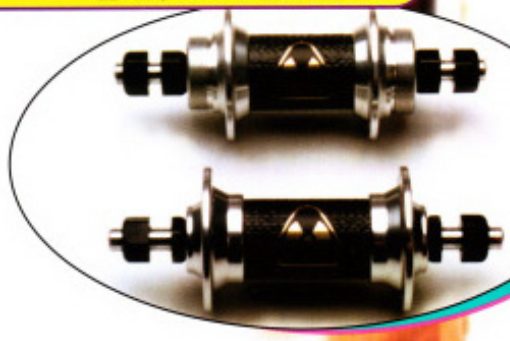
For those of you who can't get enough of the lofty white metal, we kindly present to you our Nuke Proof **Titanium Bombshell Hubs** at 395 grams per set (128g/front; 287g/rear). The flanges are the same diameter as the Carbon Bombshell but the ti-center tube is scaled down to

Stems



The latest product from the Ada, Michigan company "stems" from consumer demand for a stiff, lightweight and reasonably priced CNC machined stem. The **Stem** extension and handlebar clamp are machined from 6061 T-6 aluminum and then welded to an extruded, vice-like, two bolt A-head steerer tube clamp. The most noticeable feature is a removable, triple bolt, triangular shaped handlebar clamp. This extra bolt reinforcement greatly reduces flex and fatigue on the internal threads, while highlighting the cool Nuke Proof radiation symbol. These beauties come in powder-coated red, yellow, and black.

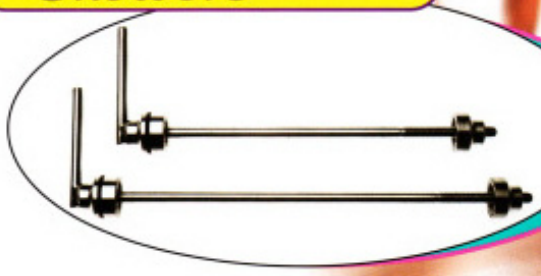
BMX Hubs



Nuke Proof manufactures the lightest **BMX Hubs** in the world. Similiar to the bombshells, the BMX hubs are also constructed with aerospace grade aluminum and carbon composite. They feature oversized flanges and hubshells with 7075 T-6 aluminum axles. They are just the ticket when you're looking to "drop a bomb" on your competition!

These Hubs were the BMX Plus magazine's "Hub of the Year" in 1996!

Skewers



Constructed of 6AL/4V titanium and 6061 T-6 aluminum, the **Skewers** are simplistic, yet extremely effective by design. Many customers preferred the ease of a "twist" style skewer to the complexity of the more common "cam" style unit and these skewers deliver. Simple as they look, effective as they are simple. At a mere 68 grams per pair we need say no more!

The Bus



We traveled over 18,000 miles in three months, to provide our customers with superior service. This rolling billboard is further "Proof" that we're willing to go the "extra mile" in our commitments to you. This bus may not have 18 wheels like some of the big boys, but it does have 14 when you count our five Titanium and Reactor demo bikes it

NUKE PROOF REACTOR FRAME SPECS

Bottom Bracket Height	11.5"
Chainstay Length	16.75"
Seat Post	27.2mm
Headset	n/a
Top Pull Derailleur	1 3/8"
Drop Out	Replaceable

Nuke Proof Industries, Inc.
(A Proud USA Manufacturer)
6440 E. Fulton • Ada, MI 49301 USA
616.676.2400 • FAX 616.676.1969

REACTOR FRAME

Frame Size	Center To Center	Top Tube	Angles Head/Seat	Shock
Small 16.5"	14.5	21.5	71/73	Coil Over Oil
Med 18.5"	16.5	22.5	71/73	Coil Over Oil
Large 20.5"	18.5	23.5	71/73	Coil Over Oil

brochure design by:
M.PROPP

HUBSETS

GENERAL SPECIFICATIONS FOR 1997* BOMSHELL HUBS

Hub centers: braided carbon fiber adhered to 7075 T-6 Aluminum tubing with a UV protected epoxy to prevent a galvanic reaction.

	Weight	#Holes	Spacing	Axle
Bombshell Fr. Hub	135g	ALL	100mm	14mm 7075 Aluminum
Bombshell Rear (Cassette)	290g	ALL	130 (Rd),135 (Mtn) 140 (Tandem)	Titanium
Bombshell Elite Rear*	265g	ALL	130 (Rd),135 (Mtn)	Titanium
Ti-Bombshell Fr. Hub	132g	ALL	100mm	14mm 7075 Aluminum
Ti-Bombshell Rear (Cassette)		ALL	130 (Rd),135 (Mtn)	Titanium
Titanium Bombshell Elite Rear*	262g	ALL	130 (Rd),135 (Mtn)	Titanium
Atom Bomb Front	144g	ALL	100mm	20mm (through bearing) 6061-T-6 AL
Atom Bomb Rear	281g**	ALL	130 (Rd),135 (Mtn)	20mm Through Non-Drive Bearing; AL
BMX Front Hub	155g	ALL	100mm	Solid 7075 T-6 AL
BMX Rear Hub	162g	ALL	110mm	Solid 7075 T-6 AL

*All Elite hubs come standard with the new XTR Titanium free hub body
**Prototype weight

WHEEL BUILDING SPECIFICATIONS FOR 1997 BOMBSHELL HUBS

	FRONT HUBS		REAR HUBS			
			Non-drive Side		Drive Side	
	center to flange	flange diameter	center to flange	the diameter	center to flange	the diameter
Front Hubs						
Atom Bomb	38	47				
Ti-Bomb	38	47				
Bombshell	38	47				
BMX	38	47				
130mm Bombshell Rear			42	47	19.5	47
135mm Bombshell Rear			41	47	21	47
BMX Rear Hub (Flip Top)			29.5	47	21	47

*Call for specifications

Warranty / Repairs

Nuke Proof warrants to the original consumer purchaser of any product it manufactures that the product will be free from defects in