



سارمابايس

www.sarmabikes.com



SARMA SHAMAN

One of the lightest fat bike in the world. Together with our full carbon NARAN rims and SRAM components, you have all of the fun and benefits of a fat bike with the weight of a XC bike. This Feather-Light fat bike is made to go fast.



SARMA SHAMAN 29+

Shaman 29+ is leading the new generation of Quiver-Killer fat bikes. You bet, it's still a fat bike, the 29+ rim and tire options open a whole new path for year-round riding. The 29+ platform is a simple, but yet brilliant solution, transforming a fat bike and challenging a XC bike, with perfect stability and the magic feel and fun of a fat bike. Pair the Shaman with our ground breaking 50mm carbon rims, the Shaman 29+ bike has the same acceleration as standard MTB, with all the benefits of a four season fat bike.



Highlights & Features:

- Greater standover clearance.

Due to a lower top tube, riding in Lower top tube means more clearance for riding in snow, sand or technical trail.

- Tapered headtube. Universal solution works with tapered steerer forks or straight steerer forks.

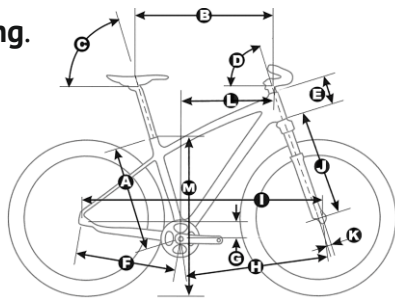
- Thru axles: 170 mm (frame) and 135 mm (fork).

Securely connects the entire structure in a single piece providing higher rigidity and safety.

- 27.2 mm Seatpost. Narrow seatpost offers a higher damping performance that allows the rider to feel comfortable when riding on uneven surfaces.

- Internal cable routing.

Dirt-protection and uncluttered appearance.



Specifications:

Frame Material	High Modulus Carbon Fiber
Approx Frame Weight (g)	1250 g for size M
Seatpost Size (mm)	27.2 mm
Seat Clamp Size (mm)	31.8 mm
Front Derailleur	High direct mount (adaptor)
Cable Routing	Internal
Brake Type	Post Mount Disc Brake
Bottle Mounts	2 for sizes M and L, 1 for S
Bottom Bracket	BSA or BB30
Headtube Type	1 1/8" to 1.5" Tapered
Headset	Integrated 42 mm (Top) Integrated 52.1 mm (Bottom)
Dropout	135 x 15 mm T/A (Fork) 170 x 12 mm T/A (Frame)

Geometry

Size	S (15")	M (17")	L (19")
BB Center to Top (A)	385	430	480
Top tube length effective (B)	585	605	617.7
Seat Tube Angle (C)	73.5	73.5	73
Head tube Angle (D)	69	69	69
Head Tube Length (E)	105	120	130
ChainStay (F)	445	445	445
BB Offset (G)	60	60	60
Front Centre (H)	680.9	702	709.8
Wheel Base (I)	1119.2	1140.4	1148.8
Fork Length (J)	470	470	470
Fork offset (K)	50	50	50
Reach (L)	425.5	441.4	445.6
Standover (M)	686.9	730	777.8

Build Kit

	Shaman XX1	Shaman X9
Frame	Sarma Shaman	Sarma Shaman
Fork	Sarma Hoboy	Sarma Hoboy
Stem	Stylo t30 90 mm	Stylo t30 90 mm
Saddle	WTB Silverado	WTB Silverado
Handlebar	Sarma 720 mm	Sarma 720 mm
Grips	Propalm	Propalm
Crank Set	Sarma, 1x10, 28T	Sarma (2x10)
Chain	Sram XX1	Sram X9
Rear Derailleur	Sram XX1	Sram X9
Cassete	Sram XX1	Sram X9
Shifter	Sram XX1	Sram X9
Brakes	Avid XX	BB7 Mountain
Disks	Avid XX	Avid HS 160 mm
Front&rear hubs	Sarma 135&170 mm	Sarma 135&170 mm
Rims	Sarma Naran 80/29+	Sarma Naran 80/29+

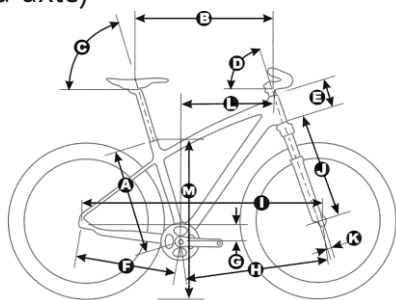
SARMA VORTEX

Special H3B (hydroformed triple butted) with thru-axles helps to achieve incredible stiffness. Accepts the widest existing tires (4.8")



Highlights & Features:

- Smooth-welding
- 12x197 Thru axle, stiff read drop-outs.
- Internal cable routing
- Frame within H3B (hydroformed triple butted)
- Ready for RockShox Bluto 80 mm.
- Any crank with Q-Factor 202mm (Sarma EDGE, Sram X5/X9/XX1 for Fatbikes)
- Full carbon Sarma Hoboy fork (tapered, 15x135 thru-axle)
- Rack mounts.



Geometry

Size	XS (13")	S(15")	M (17")	L (19")	XL(21")
BB Center to Top (A)	365	385	430	490	540
Top tube length effective (B)	565	585	605	617	630
Seat Tube Angle (C)	73.5	73.5	73.5	73.5	73.5
Head tube Angle (D)	69	69	69	69	69
Head Tube Length (E)	105	105	120	130	130
ChainStay (F)	460	460	460	460	460
BB Offset (G)	60	60	60	60	60
Front Centre (H)	649	670	690	703	716
Wheel Base (I)	1102	1123	1143	1156	1169
Fork Length (J)	470	470	470	470	470
Fork offset (K)	50	50	50	50	50
Standover (M)	672	710	746	789	816

Specifications:

Frame Material	Hydroformed triple Butted 6061 Aluminium
Approx Frame Weight (g)	1875 g for size M
Seatpost Size (mm)	30.9 mm
Seat Clamp Size (mm)	34.9 mm
Front Derailleur	High direct mount (adaptor)
Cable Routing	Internal
Brake Type	IS Disc Brake
Bottle Mounts	3 for sizes M, L and XL, 2 for S and XS
Bottom Bracket	100mm BSA
Headtube Type	1 1/8" to 1.5" Tapered
Headset	Integrated 42 mm (Top)
Dropout	Integrated 52.1 mm (Bottom)
	15x135 mm (Fork)
	12x197 mm (Frame)
Max Tire Width*	122 mm (4.8" on 100 mm rims)

Sarma Vortex build kit

Frame	Sarma Al
Fork	Sarma Hoboy (Carbon)
Headset	Headset intergated 1 1/2 to 1 1/8
Stem	Sarma alu 75mm/90mm/100mm (XS, S/M/L, XL sizes)
Seatpost	Sarma Carbon
Saddle	WTB silverado
Handlebar	Sarma Carbon 720/740/760mm (XS, S/M/L, XL sizes)
Grips	Propalm
Crank Set	Sarma 36/22; 175
Bottom Bracket	Sarma BB 100
Chain	Sram PG1031
Rear Derailleur	Sram X910SPD
Front Derailleur	Sram X7 HDM 2X10
Cassete	CS PG 1020 11-36
Shifters	Sram X7 10SPD Front & Rear
Brakes	Avid DB3 Front & Rear
Disks	Avid G3 160 mm 2 pcs
Front&rear hubs	Sarma
Spokes with nippels	DT champion
Rims	Mulefüt SL 80mm
Tape	Sarma
Tires	Vee Rubber Bulldozer (4.7)

HOBOY CARBON FORK

Whether you are upgrading your current bike or building a brand new one, this fork is the perfect solution. Our full carbon fork will help you significantly reduce the weight of your bike. A fork with centered wheels enables better sensitivity, making your bike easier to handle and ride. With 1 1/8" steerer and a 450 mm or 465 mm axle to crown measurement, this fork is suitable for most fat-bikes.

- One of the lightest fat-bike forks in the world.

- 4 versions with 2 different lengths (450 mm and 465 mm) and 2 dropouts (QR and thru axle). One of the most rigid and beautiful forks on the market.

Features:

Steerer: 1 1/8", length 254 mm or 1 1/8" 1 1/2"

Rake: 45 mm

Axle to crown: 450mm, 465mm or 470mm

Dropout: QR (for 10x1) or Thru axle (15mm)

Disk mounts: PM for 160 mm disk (front specific)

Tire Clearance: 26 x 4.7 on 100 mm rims

Weight: 550g (axle to crown 450 mm),
570g (axle to crown 465 mm & 470 mm).



HUBS

These hubs are designed especially for a fat-bike based on the following considerations:

First: In this new fat-bike field there are several sizes and standards, we designed these hubs in order to fit virtually any bike. Various hub lengths and different versions of our end-caps (included with every hub) reduce the compatibility issues to zero.

Second: We use special grease for low temperatures.

Thirdly: Free hub has a unique feature - 120 points of engagement. This unique feature significantly reduces the risk of crashes as well as reduces idling, which is very important when driving at low speed on snow and soft surfaces.

Front Hub Sarma

Sarma 135 mm



Features:

Hub shell material: Aluminium

Axle material: Aluminium

Hub/Brake Compatibility: 6-Bolt Disc ISO (Front type)

Hub Drilling: 32 Hole

Axle type: convertible 9x135 QR, 10x135 QR, thru 15x135

Bearing: 2 sealed bearing

Cold weather grease rated to -60 C

Weight: 250 g (without QR)

Rear hubs Sarma

Sarma 170 mm

Sarma 190 mm



Features:

Hub shell material: Aluminium

Freehub body material: Aluminium

Cassette body type: Shimano 9/10/SRAM or Sram XX-1 (option)

Pawl design: 6 pawls, 120 points of engagement

Hub Drilling: 32 Hole

Axle material: Aluminium

Hub/Brake Compatibility: 6-Bolt Disc ISO

Axle type: convertible 10x170 QR, thru 12x170, 12x190, 12x177, 12x197

Bearing: 4 sealed bearing

Cold weather grease rated to -60 C

Weight: 170 mm 360 g (without QR), 190 mm 375 g (without QR)

NARAN 100mm

Features:

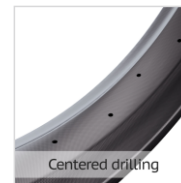
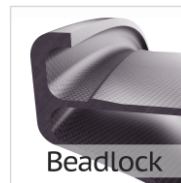
- **Width:** 100 mm
- **Weight:** 780 g
- **Double Wall Construction**
- **Multiple Drilling Options:**
 - * Universal drilling (Dual hole pattern, 64 holes Offset & Centered, Spacing \pm 20 mm)
 - * Centered drilling (32 holes centered, Spacing \pm 20 mm)
- **Compatible with tubeless**
- **Drilled for Presta valve**



We are thrilled to announce the World's FIRST 100 mm carbon rim for fat-bikes!

After our first successful launch of the 80 mm wide rim and receiving plenty of positive feedback, we are now happy to present our latest product.

These rims are created using the most advanced technologies and experience from the aerospace industry. The special outer layer provides additional damage protection. Our double-wall construction helps achieve an optimal weight, higher stiffness and increased durability. These rims are tubeless ready and perform at super low pressure with or without tubes.



NARAN 80mm

Features:

- **Width:** 80 mm
- **Weight:** 650 g
- **Double Wall Construction**
- **Multiple Drilling Options:**
 - * Universal drilling (Dual hole pattern, 64 holes Offset & Centered, Spacing \pm 11 mm)
 - * Centered drilling (32 holes centered, Spacing \pm 11 mm)
- **Compatible with tubeless**
- **Drilled for Presta valve**



NARAN 29+

50mm is the ideal rim for three season riding cross county racing or just riding your favorite trail. The rim weight and ride is very close to standard 29er wheels, transforming your fat bike into a four season XC ride. 29+ and wider footprint is the new direction in cycling.

Highlights & Features:

1. FEM optimized (Finite element method)

How did we find the best combination of carbon layouts for the optimal stiffness/durability and weight? Sarma Engineers have strong back ground in the aerospace industry, where weight and strength are critical. Utilizing special software and expertise has helped our engineers to develop the best ratio of weight/durability in our rims and all products.

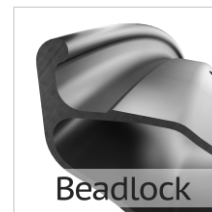


2. Newest breakthrough technology - non-silicon production/uncut carbon fibers

We took a new approach to carbon rim development:

- Smallest tolerance in dimensions at the cave for tubeless working and bead/ hook. Most of competitors use silicon, which is not the perfect solution especially for tubeless rims. Sarma 29+ rims are easier to install tubeless and provide a more stable system.

- Better durability and strength of bead hooks. Our advanced technology of production uses special molds which helps us to avoid cutting of carbon fibers. It helps to significant increase durability of rims, especially where it's the most important bead hooks.



3. Improved inner part of rims

Inner surface became more smooth and durable. Finally we can spend less material without losing durability/stiffness.

- Rack mounts.

Features:

- **Width:** 50 mm
- **Weight:** 550 g
- **Double Wall Construction**
- **Drilling:**
Centered (32 holes, spoke holes offset ± 7 mm)
- **Compatible with tubeless**
- **Drilled for Presta valve**





Headquarter (Hong Kong)
Phone number: +852 8177 7257
Email: sales@sarmabikes.com

USA Distribution
Grand Rapids, Michigan
Phone number: +1 616-419-2680

Wilmington, North Carolina
Phone number: +1 910-524-1151

Engineering department (Moscow, Russia)
Email: engineer@sarmabikes.com
Phone number: +7(908)657-33-92 (Russian only)

Warehouse China, Shenzhen
Phone number: +86 1371 444 2455
Email: sz@sarmabikes.com

www.sarmabikes.com