

HARDROCK

FRAME GEOMETRIES



This bike applies technology to make it strong, aggressive and versatile.

Aggro A1 frame is comparable to the competition's high-end MTBs

- Durable – A1 Premium aluminum alloy specially formed to maximize fatigue life for years of reliable riding
- Strong – sophisticated frame design and tube manipulation, with strategically oriented material like the "3D Box" gusseted top/down/head tube section in line with force vectors applied to frame
- Rack eyelets – versatile load capacity
- Upgradable - if and when it comes time to upgrade to disc brakes, your frame (and fork) will be ready (Pro model comes already equipped with disc brakes)

Quality specification is up to the task

- Enduro tires – off-road rugged and ready for any terrain
- 100mm-travel forks on all but the smallest frame sizes
- Treated rim sidewalls for excellent braking
- Forged fork crowns and one-piece lowers equals rock-solid performance under grueling conditions
- Forged aluminum cranks and Cr-Mo rings with precision ramps and pins (except Hardrock Cr-Mo) means sweet shifting and superior durability
- Shimano shifters and derailleurs – precision and longevity in drivetrain performance

HARDROCK XC PRO / XC COMP / XC

	X5/13"	5/15"	M/17"	L/19"	XL/21"
Stand Over Height	27.3"	28"	29.3"	30.4"	32"
Top Tube Length	540mm	555mm	580mm	605mm	630mm
Head Tube Length	100mm	100mm	120mm	120mm	140mm
Head Angle	70.25°	70.25°	70.25°	70.25°	70.25°
Seat Angle	73°	73°	73°	73°	73°
Wheel Base	1018mm	1033mm	1059mm	1084mm	1110mm
Chain Stay Length	422mm	422mm	422mm	422mm	422mm
Fork Offset	38mm	38mm	38mm	38mm	38mm
Stem Length	75mm	75mm	90mm	90mm	105mm
H/B Width	620mm	620mm	620mm	620mm	620mm
Crank Length	165mm	170mm	170mm	175mm	175mm
Front Hub Spoke	265mm	265mm	265mm	265mm	265mm
Rear Hub Spoke	261/3mm	261/3mm	261/3mm	261/3mm	261/3mm
Seat Post Length	300mm	350mm	350mm	350mm	400mm

* TT is measured horizontally from center of HT to center of ST

WOMEN'S HARDROCK XC COMP/ HARDROCK XC

	5/13"	M/15"	L/17"
Stand Over Height	27.3"	28"	29.3"
Top Tube Length	530mm	545mm	565mm
Head Tube Length	100mm	120mm	140mm
Head Angle	70.25°	70.25°	70.25°
Seat Angle	74°	74°	74°
Wheel Base	1018mm	1035mm	1056mm
Chain Stay Length	422mm	422mm	422mm
Fork Offset	38mm	38mm	38mm
Stem Length	60mm	60mm	75mm
H/B Width	580mm	580mm	580mm
Crank Length	165mm	170mm	170mm
Front Hub Spoke	265mm	265mm	265mm
Rear Hub Spoke	261/3mm	261/3mm	261/3mm
Seat Post Length	300mm	350mm	350mm

* TT is measured horizontally from center of HT to center of ST

HARDROCK PRO / COMP / SPORT

	X5/13"	5/15"	M/17"	L/19"	XL/21"	XXL/24"
Stand Over Height	27.3"	28"	29.3"	30.4"	32"	33.5"
Top Tube Length	550mm	565mm	590mm	615mm	640mm	665mm
Head Tube Length	110mm	110mm	120mm	120mm	140mm	160mm
Head Angle	70°	70°	70°	70°	70°	70°
Seat Angle	73°	73°	73°	73°	73°	73°
Wheel Base	1041mm	1056mm	1082mm	1107mm	1133mm	1159mm
Chain Stay Length	425mm	425mm	425mm	425mm	425mm	425mm
Fork Offset	44mm	44mm	44mm	44mm	44mm	44mm
Stem Length	45mm	60mm	60mm	75mm	75mm	75mm
H/B Width	620mm	620mm	620mm	620mm	620mm	620mm
Crank Length	165mm	170mm	170mm	175mm	175mm	175mm
Front Hub Spoke	265mm	265mm	265mm	265mm	265mm	265mm
Rear Hub Spoke	261/3mm	261/3mm	261/3mm	261/3mm	261/3mm	261/3mm
Seat Post Length	300mm	350mm	350mm	350mm	400mm	400mm

* TT is measured horizontally from center of HT to center of ST

WOMEN'S HARDROCK SPORT

	5/13"	M/15"	L/17"
Stand Over Height	27.3"	28"	29.3"
Top Tube Length	540mm	555mm	575mm
Head Tube Length	110mm	120mm	140mm
Head Angle	70°	70°	70°
Seat Angle	74°	74°	74°
Wheel Base	1042mm	1058mm	1080mm
Chain Stay Length	425mm	425mm	425mm
Fork Offset	44mm	44mm	44mm
Stem Length	45mm	45mm	60mm
H/B Width	580mm	580mm	580mm
Crank Length	165mm	170mm	170mm
Front Hub Spoke	265mm	265mm	265mm
Rear Hub Spoke	261/3mm	261/3mm	261/3mm
Seat Post Length	300mm	350mm	350mm

* TT is measured horizontally from center of HT to center of ST