



THE SCIENCE OF SMOOTH

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manitou

Smooth is more than just minimizing friction. Smooth is relentlessly iterating a crown until a chassis is both XC-light and DH-strong. Smooth is tuning damper and air spring set-ups until rock gardens turn to hard pack. Smooth is easy maintenance and serviceability. More than 35 years of research, development, and experimentation culminate in the high-performance suspension products that we proudly mark as Manitou™ today.

WHY MANITOU™

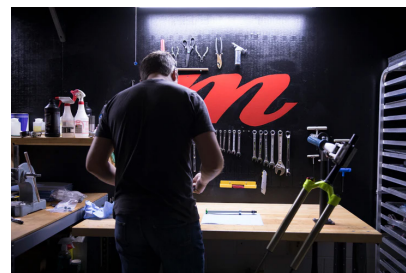
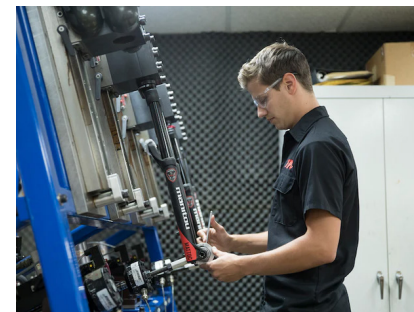


THE SCIENCE OF SMOOTH

Smooth is more than just minimizing friction. Smooth is relentlessly iterating a crown until a chassis is both XC-light and DH-strong. Smooth is tuning damper and air spring setups until rock gardens turn to hard pack. Smooth is easy maintenance and serviceability. More than 35 years of research, development, and experimentation culminate in the high-performance suspension products that we proudly mark as Manitou™ today.

ENGINEERED SUSPENSION

It's no secret our products do not follow the "norm". That's because when we begin development, we don't set out to make another version of what already exists. Taking an engineering first approach, we set out to produce the best possible product for the intended category. Our arches face towards the rear, not because we want to stand out, but because it results in a better stiffness to weight ratio compared to placing the arch on the front. Our downhill fork is an inverted design, because it allows for better lubrication of the seals, increased fore-aft stiffness, improved control, and superior tracking through the gnarliest of trails.



SYSTEMS APPROACH

When setting up a new suspension system on your full-suspension bike, balance is key. Therefore, when we begin a new fork or shock project, we develop it to work in harmony with its counterpart. This total system approach results in perfectly balanced suspension front and rear that complement one another when out on the trail.

PREMIUM PERFORMANCE

Friction is the enemy. Every day of the week our engineers battle friction through various tactics. We spend hours upon hours testing materials, designs, and lubricants to find even the slightest increase in performance. This mentality is true for all aspects of our suspension. Shim stacks, air springs, and chassis are all tested repeatedly to ensure that the final product performs at the highest possible level.



MANITOU™ TECH | DAMPER

MC² SEALED

Sealed cartridge Dampers use a bladder for a light weight solution to eliminate cavitation during demanding riding. To handle fluid expansion the cartridge features a blow off valve to ensure a long service life and consistent performance. MC² technology provides an independent HSC circuit providing an adjustable high-speed blow off point combined with a LSC circuit providing adjustment for chassis control and small bump sensitivity. HBO provide bottom out support on all MC² dampers.

MC²

MC² Damper technology provides an independent HSC circuit providing an adjustable high-speed blow off point combined with a LSC circuit providing adjustment for chassis control and small bump sensitivity. Manitou's premier single crown compression damping system is featured in both semi-open and sealed cartridge variations, depending on application.

ABS+

Absolute Plus (ABS+) is a shim stack based damper that features external incremental Low Speed compression adjustment. The piston and shim stack are adaptable for a wide range of disciplines and riding styles.

VTT - PRO

Variable Terrain Tune (VTT) adapts to any terrain with the turn of a single knob. VTT adjusts both High-speed and Low-speed circuits in three factory set tunes for maximum versatility with minimum rider input. Open mode is set for maximum rider comfort while VTT-Pro adds a low speed adjustment to tune the characteristics of the setting. Firm engages the high speed circuit for flow trails and additional support while descending. The third position is platform that provides a firm feel for maximum efficiency.

VTT - 6 POSITION

VTT-6P is our compression damper technology featuring an single external compression adjuster that simultaneously adjusts HS and LS damping characteristics. It features a fixed shim stack and a secondary shim stack that is preloaded by the external adjuster. The resulting wide tuning range combines the benefits of a Low-speed platform and High-speed progressive tune can suite any terrain. From fire-road climbs to big flowy jump lines to high-speed chunky rocks, VTT-6P can adapt to all terrain with flick of a switch.

VTT - 3 POSITION

Variable Terrain Tune (VTT) adapts to any terrain with the turn of a single knob. VTT - Pro has an independent Low Speed Compression Adjustment in the open mode. The VTT knob adjusts both High-speed and Low-speed circuits in three factory set tunes for maximum versatility with minimum rider input.

DORADO™ TPC+ SEALED

The sealed damper cartridges uses a spring backed IFP that pressurizes the oil at the initial stroke eliminating cavitation for the most consistent damping on long demanding DH runs. Independent High and Low Speed compression adjustments provide a wide range of tuning for the gravity rider. The TPC+ piston is engaged when adequate stroke velocity is achieved, giving the rider unmatched small bump compliance and uncompromised big-hit capability. The final 30mm of stroke is controlled by an HBO circuit for a bottomless feel.

DORADO™ TPC+

Dorado TPC+ Independent High and Low Speed compression adjustments provide a wide range of tuning for the gravity rider. The TPC+ piston is engaged when adequate stroke velocity is achieved, giving the rider unmatched small bump compliance. The final 30mm of stroke is controlled by an HBO circuit for a bottomless feel.

TPC

Twin Piston Chamber (TPC) technology is a damping arrangement consisting of 2 separate pistons, a moving rebound piston and a fixed compression piston at opposite ends of the tube. This architecture improves consistency and responsiveness by ensuring that oil is always pushed through the damping circuit and never pulled, preventing cavitation and reducing aeration.

KWIK TOGGLE

Based on our Absolute Plus compression damper, Kwik Toggle (KT) achieves on-off lockout simplicity in a lightweight, cost effective package.

HBO

Hydraulic Bottom Out (HBO) is a separate damping circuit controlling the very end of the compression stroke, typically the final 30mm of travel.



MANITOU™ TECH | CHASSIS

HOLLOW CROWN

Manitou's patented hollow crown design optimizes the crown stiffness for the riding application while maintaining an overall weight reduction compared to other designs.

15MM HEXLOCK SL2

The new and improved QR Thru axle is the quickest on the market with the stiffness benefits of Manitou's hexagonal axle design. SL2 is the lightest weight axle Manitou offers.

20MM HEXLOCK THRU AXLE

Our patented hex axle locks the lower legs in place, eliminating rotation around the axle. This provides unsurpassed stiffness in a burly, no-gimmick 20mm axle system.

JUNIT

JUNIT, a youth-sized 20", 24", and 26" suspension fork. The lightweight, high-quality chassis features both 1.5" tapered and 1-1/8" steerer tubes, and a forged hollow crown. Thirty-two millimeter, 6000 series black anodized stanchions are completed with Manitou's signature Reverse Arch.

REVERSE ARCH

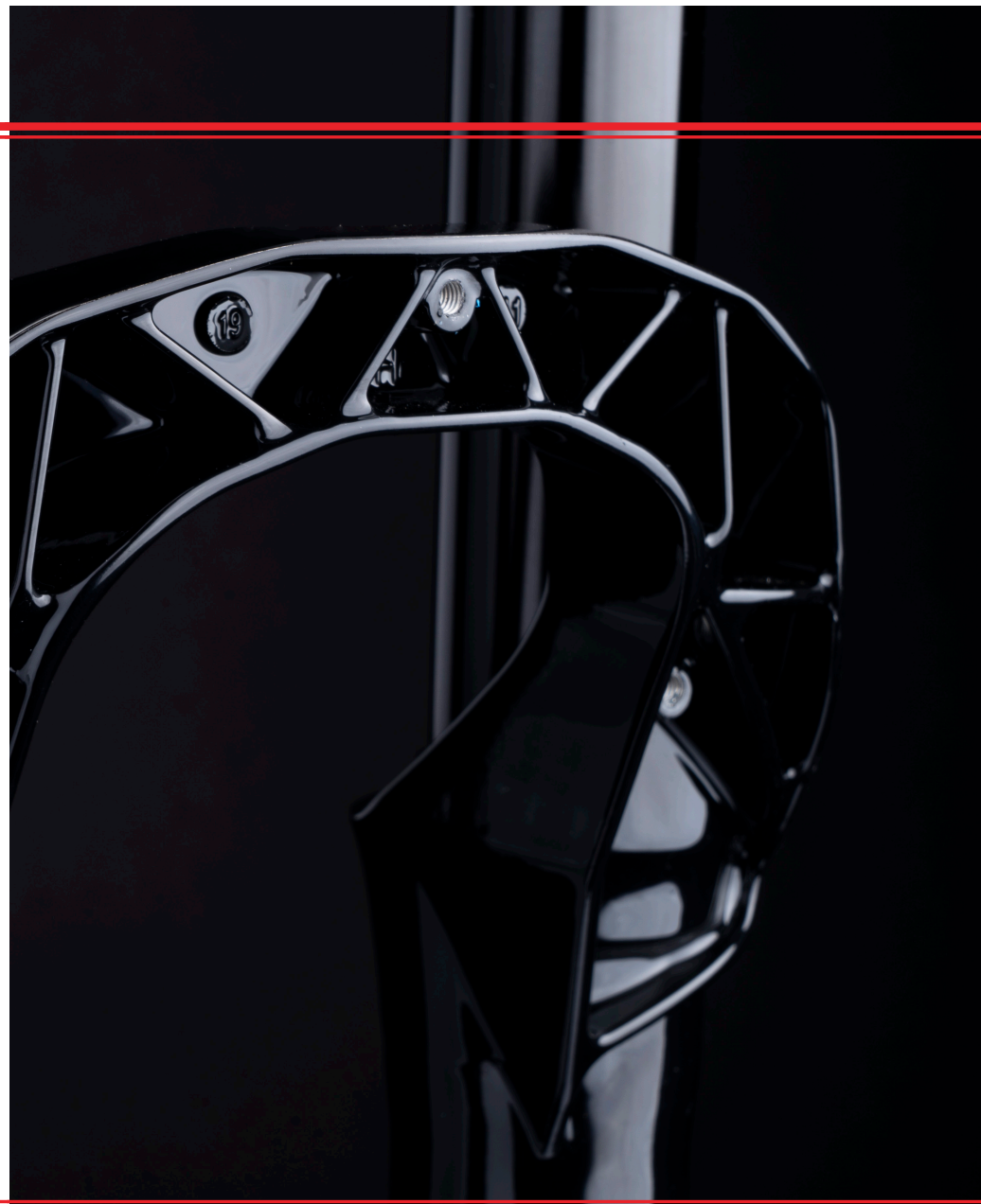
Manitou engineers placed the arch on the back of the fork further away from the axle. The lower tire clearance behind the fork allows for a shorter arch which yields a 13% increased stiffness compared to a forward arch fork of the equivalent weight.

15MM HEXLOCK SL

The tooled version of the Hexlock axle combines stiffness and ease of use in the lightest weight package.

TSR

Trail Side Relief (TSR) allows the rider to "bleed" built up casting pressure to ensure the highest performance and lowest break away force for the best small bump feel.



MANITOU™ TECH | AIR SPRING

DORADO™ AIR

The Manitou Dorado Air spring system contains a unique balancing valve that equalizes the positive and negative air chambers during the air fill process. This gives the spring rate a consistent feel without any flat or dead spots in the stroke, along with giving riders of different weights the same initial stroke feel. Dorado Air is our lightest weight air spring technology.

EXPERT AIR

The Manitou Expert Air spring system contain a unique balancing valve that equalizes the positive and negative air chambers during the air fill process. This gives the spring rate a consistent feel without any flat or dead spots in the stroke, along with giving riders of different weights the same initial stroke feel.

TS AIR

Manitou's Travel-Stabilization (TS) spring technology uses a rubber and coil top-out spring system to maintain consistent ride height regardless of set-up pressure. It is a very simple, highly reliable and time proven package that is easily tuned for multiple rider weights and riding styles.

IRT

Infinite Rate Tune™ (IRT) allows for advanced spring tuning by independently adjusting air pressures in the beginning and end stroke. IRT technology creates a secondary positive air spring that effects only the middle to end stroke of the fork. This allows the main air spring to be set to lower pressures for improved small bump sensitivity while maintaining mid-stroke support and moderate to aggressive end-stroke ramp-up.

IVA

Incremental Volume Adjust (IVA) modifies the volume in the positive air chamber with self contained spacers dictating the position of the IVA piston. This allows the main air spring ramp-up to be tuned to the rider weight, style and conditions without the need for additional parts.



MANITOU™ TECH | REAR SHOCK

WORK/PARTY

The Mara Pro rear shock has two separate damping circuits that can be activated or bypassed by the Work / Party mode lever. Having two separate circuits allows the rider to have two no-compromise options, for climbing and descending. Work mode is a preset damping circuit designed for climbing. Party mode is an externally adjustable high and low speed compression circuit. It offers a large range of tuning for a variety of riders and conditions.

IPA

IPA (Incremental Platform Adjust): A 4-position adjuster technology that changes preload on the shim stack allowing the rider to change from a fully open and linear damper with very light LSC, to a low platform offering good support for park and flow trail riding, on up to a firm lockout for fire road climbs.

KING CAN

The King Can is a higher volume air can with internally adjustable air volume. Adjusting the air volume allows the rider to change the spring curve, either linear or progressive. This is helpful to fully optimize the entire stroke of the travel for different suspension designs along with riders of different weights, riding styles, and abilities.


STANDARD CAN

The Standard can is a low volume air can with a more progressive spring rate. This light weight air can is designed for bike or riders who prefer a more supportive feel.








PRODUCT DISCIPLINES

ASTM STANDARDS



	XC	TRAIL	ENDURO	DOWNHILL	DIRTJUMP	FATBIKE
Dorado™						
MEZZER						
MATTOC						
MASTODON						
CIRCUS						
R7						
MACHETE™						
JUNIT						
MARKHOR						
MARA PRO						
MARA						
JACK DROPPER POST						

ASTM LEVEL	COMPATIBLE PRODUCT	DESCRIPTION
 1	NA	This is a set of conditions for the operation of a bicycle on a regular paved surface where the tires are intended to maintain ground contact
 2	N/A	This is a set of conditions for the operation of a bicycle that includes Condition 1 as well as unpaved and gravel roads and trails with moderate grades. In this set of conditions, contact with irregular terrain and loss of tire contact with the ground may occur. Drops are intended to be limited to 15cm(6") or less
 3	R7 Machete™ JUnit Markhor Mara Inline Jack Dropper Seatpost	This is a set of conditions for operation of a bicycle that includes Condition 1 and Condition 2 as well as rough trails, rough unpaved roads, and rough terrain and unimproved trails that require technical skills. Jumps and drops are intended to be less than 61cm(24")
 4	Mattoc Mastodon Mara Pro Mara Inline Jack Dropper Seatpost	This is a set of conditions for operation of a bicycle that includes Conditions 1, 2, and 3, or downhill grades on rough trails at speeds less than 40 km/h (25 mph), or both. Jumps are intended to be less than 122cm (48").
 5	Dorado™ Mezzer Circus Mara Pro Jack Dropper Seatpost	This is a set of conditions for operation of a bicycle that includes Conditions 1, 2, 3, and 4; extreme jumping; or downhill grades on rough trails at speeds in excess of 40 km/h (25 mph); or a combination thereof.

LEGENDS NEVER DIE

The longest-standing inverted downhill-specific fork is back, in a big way. For almost two decades, the Dorado™ has rewarded riders with unrivaled suspension performance and on-trail precision. The newest rendition stays true to its heritage with an inverted design, but this is where the similarities end. Featuring a new 37mm chassis, fresh internals, and new material options the all-new Dorado is now available in three trim levels, Pro, Expert, and Comp.

DORADO



DORADO™ PRO



DORADO PRO

WHEEL SIZE	27.5	29"
WEIGHT	2970g	
OFFSET	47mm Flat Crown/57mm Drop Crown	
TRAVEL AND AXLE TO CROWN	180mm = 559 a2c	180mm = 579 a2c
	190mm = 569 a2c	190mm = 589 a2c
	203mm = 582 a2c	203mm = 602 a2c
SPRING	Dorado Air w/ IRT	
COMPRESSION DAMPING	Sealed Cartridge TPC+ w/ HBO	
REBOUND DAMPING	Sealed Cartridge TPC	
ADJUSTMENTS	Air, IRT, Rebound, HS and LS Compression	
STEERER	1-1/8" straight	
CROWN	Forged	
OUTER LEG MATERIAL	Carbon	
LEG DIAMETER	37mm	
LEG MATERIAL	6000 Series Aluminum	
BRAKE	Post Mount 203mm (223 Max)	
AXLE	110mm x 20mm BOOST Thru Axle	
MAX TIRE SIZE	67mm	
EXTRAS	TSR Buttons	
OPTIONS	Fender	
E-PAC	No	

Back in a big way, the all-new Dorado™ Pro is ready to turn the suspension world upside down. Featuring an inverted design, carbon upper structure, 37mm stanchions, and refreshed internals the new Dorado Pro is the pinnacle of suspension technology. The new stiffer chassis is paired with an all-new sealed version of our TPC+ damper and improved Dorado Air Spring with IRT. These technologies combined into one ultimate platform provides more than enough tunability to satisfy any savvy suspension tuner while being so easy to adjust that every rider can dial in their fork with ease.

DORADO™ EXPERT



DORADO EXPERT

WHEEL SIZE	27.5	29"
WEIGHT	3120g	
OFFSET	47mm Flat Crown/57mm Drop Crown	
TRAVEL AND AXLE TO CROWN	180mm = 559 a2c	180mm = 579 a2c
	190mm = 569 a2c	190mm = 589 a2c
	203mm = 582 a2c	203mm = 602 a2c
SPRING	Dorado Air w/ IVA	
COMPRESSION DAMPING	TPC+ w/ HBO	
REBOUND DAMPING	Cartridge Adjustable TPC	
ADJUSTMENTS	Air, Air Volume, Rebound, HS and LS Compression	
STEERER	1-1/8" straight	
CROWN	Forged	
OUTER LEG MATERIAL	6000 Series Aluminum	
LEG DIAMETER	37mm	
LEG MATERIAL	6000 Series Aluminum	
BRAKE	Post Mount 203mm (223 Max)	
AXLE	110mm x 20mm BOOST Thru Axle	
MAX TIRE SIZE	67mm	
EXTRAS	Threaded TSR	
OPTIONS	Fender	
E-PAC	Yes	

Back and better than ever the new Dorado™ Expert is ready to take on the gnarliest conditions mountain biking can provide. Whether you're looking to cut seconds off the splits, lap the local park, or get sandy in the back hills of Utah the Dorado Expert has you covered. Featuring an all new 37mm chassis, completely redesigned internals, and on-trail precision that only inverted forks can provide, the new Dorado is your ticket to the best ride you've ever had.

DORADO™ COMP



DORADO COMP

WHEEL SIZE	27.5	29"
WEIGHT	3565g (Medium Spring)	
OFFSET	47mm Flat Crown/57mm Drop Crown	
TRAVEL AND AXLE TO CROWN	203mm = 582a2c	203mm = 602a2c
SPRING	Coil (5 rates available)	
COMPRESSION DAMPING	ABS+ w/ HBO	
REBOUND DAMPING	Cartridge Adjustable TPC	
ADJUSTMENTS	LS Compression, Rebound, Spring Preload, spring rate	
STEERER	1-1/8" straight	
CROWN	Forged	
OUTER LEG MATERIAL	6000 Series Aluminum	
LEG DIAMETER	37mm	
LEG MATERIAL	6000 Series Aluminum	
BRAKE	Post Mount 203mm (223 Max)	
AXLE	110mm x 20mm BOOST Thru Axle	
MAX TIRE SIZE	67mm	
EXTRAS	Threaded TSR	
OPTIONS	Fender	
E-PAC	Yes	

Once again, the Dorado™ is available with a coil option. The new Dorado Comp features the same 37mm chassis as the Expert, but with a more set it and forget it vibe. The coil spring provides a smooth consistent feel 100% of the time with 0% of any hassle. On the damping side of things our ABS+ Damper offers a great adjustment range, terrific reliability, and easy serviceability. The Dorado Comp is built for riders who just want to ride and not sweat any of the small stuff.

MEZZER PRO



MEZZER PRO

WHEEL SIZE	27.5"	29"
WEIGHT	2000g	2032g
OFFSET	37/44OS	44/51OS
TRAVEL	140-180mm	140-180mm
TRAVEL AND AXLE TO CROWN	140mm = 534 a2c	140mm = 554 a2c
	150mm = 544 a2c	150mm = 564 a2c
	160mm = 554 a2c	160mm = 574 a2c
	170mm = 564 a2c	170mm = 584 a2c
	180mm = 574 a2c	180mm = 594 a2c
SPRING	Dorado Air w/ IRT	
COMPRESSION DAMPING	MC2 with HBO Sealed Cartridge	
REBOUND DAMPING	Sealed Cartridge TPC	
ADJUSTMENTS	Air, IRT Pressure, Rebound, HS and LS Compression	
STEERER	1.5" Tapered	
CROWN	Forged Aluminum, Hollow Bore	
LEG DIAMETER	37mm	
LEG MATERIAL	7000- Series Butted Wall Aluminum	
BRAKE	Post Mount 180mm (223mm Max)	
AXLE	15mm x 110mm Hexlock	
MAX TIRE SIZE	69mm w/ Fender 74mm Without	
OPTIONS	Fender Kit, Hexlock SL2	
E-PAC	Yes 44OS 140-180	Yes 51OS 140-160mm

Featuring 37mm stanchions and our Reverse Arch design, the Mezzar Pro is the stiffest Enduro fork on the market... it's also the lightest. How did we manage to accomplish this you ask? Well, it's not hollow if that's what your wondering. In fact, this fork is loaded with technologies such as a fully sealed MC² damper, our proven Dorado™ air spring, and the life-changing IRT. What does all this mean? It means you no longer need to pick two, you can have the lightest, stiffest, and incredibly adjustable fork all at once.

MEZZER EXPERT



MEZZER EXPERT

WHEEL SIZE	27.5"	29"
WEIGHT	2030g	2062g
OFFSET	37/44OS	44/51OS
TRAVEL	140-180mm	140-180mm
TRAVEL AND AXLE TO CROWN	140mm = 534 a2c	140mm = 554 a2c
	150mm = 544 a2c	150mm = 564 a2c
	160mm = 554 a2c	160mm = 574 a2c
	170mm = 564 a2c	170mm = 584 a2c
	180mm = 574 a2c	180mm = 594 a2c
SPRING	Expert Air w/ IVA	
COMPRESSION DAMPING	VTT-6 Position with HBO	
REBOUND DAMPING	Open Cartridge adjustable TPC	
ADJUSTMENTS	Air, Air Volume, Rebound, 6-position Compression (Open, Trail, Lock)	
STEERER	1.5" Tapered	
CROWN	Forged Aluminum, Hollow Bore	
LEG DIAMETER	37mm	
LEG MATERIAL	7000- Series Butted Wall Aluminum	
BRAKE	Post Mount 180mm (223mm Max)	
AXLE	15mm x 110mm Hexlock	
MAX TIRE SIZE	69mm w/ Fender 74mm Without	
OPTIONS	Fender Kit	
E-PAC	Yes 44OS 140-180	Yes 51OS 140-160mm

Featuring 37mm stanchions, home mechanic approved travel adjustability from 180mm to 140mm, and our easy to use VTT-6P damper, the Mezzar Expert is the smart choice for anyone looking to dive into the Enduro Fork market. Should you later decide you would like more adjustability from your fork, factory upgrades such as IRT and MC2 are available and can be easily installed in your own garage. At 2030g this fork is the second lightest option available within the Enduro fork market, second only to the Mezzar Pro of course.



MATROC PRO

IMAGE COMING SOON

- 59 grams decrease from the previous model.
- Over 19% stiffness increase from current 27.5" 160mm to new 27.5" 150mm. 29" Stiffness increases are higher.
- Dorado™ air allows for internal travel adjustments with no added parts. New travel spacers account for negative air volume change, so the 110mm fork has the same initial stroke feel as the 150mm.
- Dorado Air spring systems contain a unique balancing valve that equalizes the positive and negative air chambers during the air fill process. This gives the spring rate a consistent feel without any flat or dead spots in the stroke, along with giving riders of different weights the same initial stroke feel. Dorado Air is our lightest weight air spring technology.
- Infinite Rate Tune™ (IRT) allows for advanced spring tuning by independently adjusting air pressures in the beginning and end stroke. IRT technology creates a secondary positive air spring that effects only the middle to end stroke of the fork. This allows the main air spring to be set to lower pressures for improved small bump sensitivity while maintaining mid-stroke support and moderate to aggressive end-stroke ramp-up.
- Sealed Dampers offer more consistent damping and lighter break away force, especially over long descents. Our Damper uses a bladder system to compensate for head build up along with a relief valve. Using both systems give us consistency along with long service life. Having non adjustable HBO eases setup for the user.
- TSR (Trail Side Relief) casting bleed screws allow users to release casting pressure from the fork. Releasing casting pressure can improve overall fork feel and small bump compliance.

MATROC PRO

WHEEL SIZE	27.5"	29"
WEIGHT	1730g (est)	1750g (est)
OFFSET	37/44OS	44OS
TRAVEL	110-150mm	110-150mm
TRAVEL AND AXLE TO CROWN	110mm = 502 a2c	110mm = 522 a2c
	120mm = 512 a2c	120mm = 532 a2c
	130mm = 522 a2c	130mm = 542 a2c
	140mm = 532 a2c	140mm = 552 a2c
	150mm = 542 a2c	150mm = 562 a2c
SPRING	Dorado Air w/ IRT	
COMPRESSION DAMPING	MC² Sealed Cartridge w/HBO	
REBOUND DAMPING	Sealed Damper TPC	
ADJUSTMENTS	Air, IRT, Rebound, High and Low Speed Compression.	
STEERER	1.5" Tapered	
CROWN	Forged Aluminum, Hollow Bore	
LEG DIAMETER	34mm	
LEG MATERIAL	7000-Series Butted Wall Aluminum	
BRAKE	Post Mount 160mm	
AXLE	15mm x 110mm Hexlock	
MAX TIRE SIZE	67mm	
OPTIONS	Fender Kit, TSR, Hexlock SL2	
E-PAC	No	

MATTOC EXPERT

IMAGE COMING SOON

MATTOC EXPERT

WHEEL SIZE	27.5"	29"
WEIGHT	1740g (est)	1760g (est)
OFFSET	37/44OS	44OS
TRAVEL	110-150mm	110-150mm
TRAVEL AND AXLE TO CROWN	110mm = 502 a2c	110mm = 522 a2c
	120mm = 512 a2c	120mm = 532 a2c
	130mm = 522 a2c	130mm = 542 a2c
	140mm = 532 a2c	140mm = 552 a2c
SPRING	Expert Air w/ IVA	
	VTT-6	
REBOUND DAMPING	Open Cartridge adjustable TPC	
ADJUSTMENTS	Air, Air Volume, Rebound, 3-position Compression (Open, Trail, Lock) With Open Mode Low Speed Compression Adjustment	
STEERER	1.5" Tapered	
CROWN	Forged Aluminum, Hollow Bore	
LEG DIAMETER	34mm	
LEG MATERIAL	7000- Series Butted Wall Aluminum	
BRAKE	Post Mount 160mm	
AXLE	15mm x 110mm Hexlock	
MAX TIRE SIZE	67mm	
OPTIONS	Fender Kit, TSR	
E-PAC	No	

- 27.5" is 20g less than the previous model.
- Over 19% stiffness increase from current 27.5" 160mm to new 27.5" 150mm. 29" Stiffness increases are higher.
- Expert air allows for internal travel adjustments with no added parts. New travel spacers account for negative air volume change, so the 110mm fork has the same initial stroke feel as the 150mm
- Expert Air spring systems contain a unique balancing valve that equalizes the positive and negative air chambers during the air fill process. This gives the spring rate a consistent feel without any flat or dead spots in the stroke, along with giving riders of different weights the same initial stroke feel. Expert Air has identical performance to Dorado™ Air in a more cost effective package.
- Incremental Volume Adjust (IVA) modifies the volume in the positive air chamber with self contained spacers dictating the position of the IVA piston. This allows the main air spring ramp-up to be tuned to the rider weight, style and conditions without the need for additional parts.
- A single external compression adjuster that simultaneously adjusts HS and LS damping characteristics. It features a fixed shim stack and a secondary shim stack that is preloaded by the external adjuster. The resulting wide tuning range combines the benefits of a Low-speed platform and High-speed progressive tune can suite any terrain.
- Trail Side Relief casting bleed screws allow users to release casting pressure from the fork. Casting pressure increase is normal, and extreme riding can increase the pressure at a fast rate. Temperature and elevation changes can also cause increased casting pressure. Releasing casting pressure can improve overall fork feel and small bump compliance.

MATTOC COMP

IMAGE COMING SOON

MATTOC COMP

WHEEL SIZE	27.5"	29"
WEIGHT	2000g (est)	2020g (est)
OFFSET	37/44OS	44OS
TRAVEL	110-160mm	110-160mm
TRAVEL AND AXLE TO CROWN	110mm = 502 a2c	110mm = 522 a2c
	120mm = 512 a2c	120mm = 532 a2c
	130mm = 522 a2c	130mm = 542 a2c
	140mm = 532 a2c	140mm = 552 a2c
SPRING	Expert Air w/ IVA	
	ABS+	
REBOUND DAMPING	Inleg adjustable TPC	
ADJUSTMENTS	Air, Air Volume, Rebound, Compression	
STEERER	1.5" Tapered	
CROWN	Forged Aluminum, Hollow Bore	
LEG DIAMETER	34mm	
LEG MATERIAL	6000- Series Straight Wall Aluminum	
BRAKE	Post Mount 160mm	
AXLE	15mm x 110mm Hexlock	
MAX TIRE SIZE	67mm	
OPTIONS	Fender Kit, Hexlock SL	
E-PAC	Yes	

- 27.5" is 20g less than the previous model.
- Expert air allows for internal travel adjustments with no added parts.
- Expert Air spring systems contain a unique balancing valve that equalizes the positive and negative air chambers during the air fill process. This gives the spring rate a consistent feel without any flat or dead spots in the stroke, along with giving riders of different weights the same initial stroke feel. Expert Air has identical performance to Dorado™ Air in a more cost effective package.
- Incremental Volume Adjust (IVA) modifies the volume in the positive air chamber with self contained spacers dictating the position of the IVA piston. This allows the main air spring ramp-up to be tuned to the rider weight, style and conditions without the need for additional parts.
- Absolute Plus (ABS+) is a shim stack based damper that features external incremental Low Speed compression adjustment.
- 27.5" 110-160mm, 29" 110-150mm.
- TSR (Trail Side Relief) casting bleed screws allow users to release casting pressure from the fork. Casting pressure increases during normal riding. Extreme riding can increase the pressure at a quicker rate. Temperature and elevation changes can also cause increased casting pressure. Releasing casting pressure can improve overall fork feel and small bump compliance.
- Expert air spring and lower weight brings top level performance to a new price point.

MASTODON PRO

IMAGE COMING SOON

MASTODON PRO

WHEEL SIZE	26"/27.5" Fat
WEIGHT	2104g
OFFSET	44OS
TRAVEL	80-160mm
TRAVEL AND AXLE TO CROWN (TRAVEL INTERNALLY ADJUSTABLE IN 10MM INCREMENTS)	80mm = 504a2c 100mm = 524a2c 120mm = 544a2c 140mm = 564a2c 160mm = 584a2c
SPRING	Dorado Air w/ IVA
COMPRESSION DAMPING	VTT-6P
REBOUND DAMPING	Half Cartridge Adjustable TPC
ADJUSTMENTS	Air, Airvolume, Rebound, Compression
STEERER	1.5" Tapered
CROWN	Forged AL, Deep Hollow Bore
LEG DIAMETER	34mm
LEG MATERIAL	7000 - Series Butted wall AL
BRAKE	Post Mount 180mm (203mm Max)
AXLE	15x 150mm Hexlock SL
MAX TIRE SIZE	26x5.05"/27.5"x4.5"
BRAKE HOSE ROUTING	Front
E-PAC	Yes

- 106g of weight savings from the previous model with new crown, legs and internals.
- Dorado™ air allows for internal travel adjustments with no added parts. New travel spacers account for negative air volume change, so the 80mm fork has the same initial stroke feel as the 160mm.
- Expert Air spring systems contain a unique balancing valve that equalizes the positive and negative air chambers during the air fill process. This gives the spring rate a consistent feel without any flat or dead spots in the stroke, along with giving riders of different weights the same initial stroke feel. Dorado Air is our lightest weight air spring technology.
- Incremental Volume Adjust (IVA) modifies the volume in the positive air chamber with self contained spacers dictating the position of the IVA piston. This allows the main air spring ramp-up to be tuned to the rider weight, style and conditions without the need for additional parts.
- A single external compression adjuster that simultaneously adjusts HS and LS damping characteristics. It features a fixed shim stack and a secondary shim stack that is preloaded by the external adjuster. The resulting wide tuning range combines the benefits of a Low-speed platform and High-speed progressive tune can suite any terrain.
- New crown is 84g lighter, with increased knob clearance. 44mm offset to match modern fatbike geometry for precise handling and increased traction.
- Front brake routing allows the user to use the same length brake hose from their rigid fork, or other suspension fork. New arch ribs for increased casting stiffness.
- Tire diameter clearance is 2mm shorter that current EXT model, with a 6mm reduction of axle to crown. 796mm satisfies every fatbike tire on the market!

MASTODON COMP

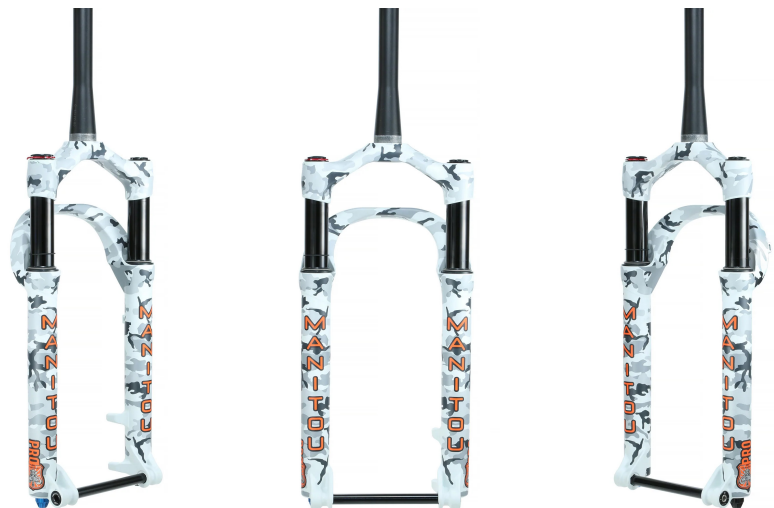
IMAGE COMING SOON

MASTODON COMP

WHEEL SIZE	26"/27.5" Fat
WEIGHT	2254g
OFFSET	44OS
TRAVEL	80-140mm
TRAVEL AND AXLE TO CROWN	80mm = 504a2c 100mm = 524a2c 120mm = 544a2c 140mm = 564a2c
SPRING	Expert Air w/IVA
COMPRESSION DAMPING	ABS+
REBOUND DAMPING	In-leg Adjustable TPC
ADJUSTMENTS	Air, Airvolume, Rebound, Compression
STEERER	1.5" Tapered
CROWN	Forged AL, Hollow Bore
LEG DIAMETER	34mm
LEG MATERIAL	6000 - Series Straight Wall AL
BRAKE	Post Mount 180mm (203mm Max)
AXLE	15x 150mm Hexlock SL
MAX TIRE SIZE	26x5.05"/27.5"x4.5"
BRAKE HOSE ROUTING	Front
E-PAC	Yes

- 120g of weight savings from the previous model with new crown, legs and internals.
- Expert air allows for internal travel adjustments with no added parts. New travel spacers account for negative air volume change, so the 80mm fork has the same initial stroke feel as the 140mm.
- Expert Air spring systems contain a unique balancing valve that equalizes the positive and negative air chambers during the air fill process. This gives the spring rate a consistent feel without any flat or dead spots in the stroke, along with giving riders of different weights the same initial stroke feel. Expert Air has identical performance to Dorado™ Air in a more cost effective package.
- Incremental Volume Adjust (IVA) modifies the volume in the positive air chamber with self contained spacers dictating the position of the IVA piston. This allows the main air spring ramp-up to be tuned to the rider weight, style and conditions without the need for additional parts.
- Absolute Plus (ABS+) is a shim stack based damper that features external incremental Low Speed compression adjustment.
- New tune increases wheel traction, rider comfort and control.
- New crown is 94g lighter, with increased knob clearance. 44mm offset to match modern fatbike geometry for precise handling and increased traction.
- Front brake routing allows the user to use the same length brake hose from their rigid fork, or other suspension fork. Updated casting with non threaded compression rod holes for ease of service. New arch ribs for increased casting stiffness.
- Tire diameter clearance is 2mm shorter that current EXT model, with a 6mm reduction of axle to crown.

MASTODON LTD SNOW CAMO



MASTODON LTD SNOW CAMO

WHEEL SIZE	26/27.5" Fat
WEIGHT	2152g
OFFSET	51mm
TRAVEL	2152g
TRAVEL AND AXLE TO CROWN	100mm = 511 a2c 110mm = 521 a2c 120mm = 531 a2c 130mm = 541 a2c 140mm = 551 a2c
SPRING	Dorado Air w/ IVA
COMPRESSION DAMPING	MC2
REBOUND DAMPING	Half Cartridge Adjustable TPC
ADJUSTMENTS	Air, Air Volume, Rebound, LS and HS compression
STEERER	1.5" Tapered
CROWN	Forged Aluminum, Deep Bore Hollow
LEG DIAMETER	34mm
LEG MATERIAL	7000 - Series Butted Aluminum
BRAKE	Post Mount 180mm (203mm Max)
AXLE	15mm x 150mm Hexlock SL
MAX TIRE SIZE	26x4" / 27.5x3.8"
E-PAC	Yes

New for 2022 we have released a limited edition Mastodon Pro with a particular graphic design that pays homage to its frigid weather application. The Mastodon Pro LE Snow Camo, as its name would suggest, boasts a snow camo paint scheme paired with blaze orange decals. Available in the extended ride height version only, the Mastodon Pro LE will be produced in a one-time, 300-unit production run. No more will be produced and, once these are gone, they are gone! The limited-edition Mastodon Pro LE will turn heads thanks to its amazing performance and its unconventional yet captivating graphic treatment.

CIRCUS PRO

IMAGE COMING SOON

CIRCUS PRO

WHEEL SIZE	26"
WEIGHT	1750g
OFFSET	41mm
TRAVEL	80-140mm
TRAVEL AND AXLE TO CROWN	80mm = 460 a2c 90mm = 470 a2c 100mm = 480 a2c 110mm = 490 a2c 120mm = 500 a2c 130mm = 510 a2c 140mm = 520 a2c
SPRING	Dorado Air w/ IVA
COMPRESSION DAMPING	ABS+ Jump Stack w/ HBO
REBOUND DAMPING	half cartridge adjustable TPC
ADJUSTMENTS	Air, Air Volume, Rebound, Compression
STEERER	1.5" Tapered
CROWN	Polished Forged Aluminum, Hollow Crown
LEG DIAMETER	34mm
LEG MATERIAL	7000-Series Taper Wall Aluminum
BRAKE	Post Mount 160mm (203mm Max)
AXLE	15mm x 110mm Hexlock SL
MAX TIRE SIZE	63mm
OPTIONS	Fender Mount

- 176g weight drop from previous model!
- Increased wheel and torsional stiffness with the Boost hub at a dramatic weight loss.
- Dorado™ air allows for internal travel adjustments with no added parts. New travel spacers account for negative air volume change, so the 80mm fork has the same initial stroke feel as the 140mm. The new fork covers the travel range with one chassis, opposed to current fork using two chassis.
- Dorado Air spring systems contain a unique balancing valve that equalizes the positive and negative air chambers during the air fill process. This gives the spring rate a consistent feel without any flat or dead spots in the stroke, along with giving riders of different weights the same initial stroke feel. Dorado Air used in the Circus Pro is tuned with a smaller negative chamber for maximum support on jump faces and pumping.
- Incremental Volume Adjust (IVA) modifies the volume in the positive air chamber with self contained spacers dictating the position of the IVA piston. This allows the main air spring ramp-up to be tuned to the rider weight, style and conditions without the need for additional parts.
- Absolute Plus (ABS+) Jumpstack is a shim stack based damper that features external incremental Low Speed compression adjustment. Jumpstack has the ability to run a very firm platform for maximum support off of jump lips, with blowoff to take the sting off of mis calculated landings.
- Half cartridge damper is much lighter with increased performance from the in-leg damper.
- Increased stiffness of the boost wheel.
- lower profile 160mm PM brake, 5mm lower axle to crown heights across the travel range.
- The lightest DJ fork on the market, air spring and damper are specifically tuned for maximum support for dirt jumping and pump track riding.

CIRCUS EXPERT



CIRCUS EXPERT

WHEEL SIZE	26"	26"
WEIGHT	2128g	
OFFSET	41mm	
TRAVEL	80-100mm	120-130mm
TRAVEL AND AXLE TO CROWN	80mm = 458 a2c	120mm = 498 a2c
	90mm = 468 a2c	130mm = 508 a2c
	100mm = 478 a2c	
SPRING	ACT Air	
COMPRESSION DAMPING	ABS+ Jump Stack	
REBOUND DAMPING	in-leg adjustable TPC	
ADJUSTMENTS	Air, Rebound, Compression	
STEERER	1.5" Tapered or 1-1/8" Straight	
CROWN	1-1/8" Hollow Beam, Tapered Forged Beam	
LEG DIAMETER	32mm	
LEG MATERIAL	7000- Series Straight Wall Aluminum	
BRAKE	Post Mount 160mm (203mm Max)	
AXLE	20mm Thru Axle	
MAX TIRE SIZE	63mm	
OPTIONS	White or Black Color	

The Circus project started as a way to get our slope-style riders into competition; but it wound up becoming an industry leading dirt jump fork for riders all over the world. Circus has set the benchmark for the everyday riders' jump session requirements, and delivered podium results at pro-level competitions for almost a decade.

CIRCUS COMP



CIRCUS COMP

WHEEL SIZE	26"
WEIGHT	2534g
OFFSET	41mm
RIDE HEIGHT	458-478mm
TRAVEL	80-100mm internally adjustable
SPRING	Coil
COMPRESSION DAMPING	ABS+ Jump Stack
REBOUND DAMPING	in-leg adjustable TPC
ADJUSTMENTS	Air, Rebound, Compression
STEERER	1-1/8" straight
CROWN	1-1/8" Hollow Beam, Tapered Forged Beam
LEG DIAMETER	32mm
LEG MATERIAL	4130 Steel
BRAKE	Post Mount 160mm (203mm Max)
AXLE	20mm Thru Axle
MAX TIRE SIZE	63mm

The Circus project started as a way to get our slope-style riders into competition; but it wound up becoming an industry leading dirt jump fork for riders all over the world. Circus has set the benchmark for the everyday riders' jump session requirements, and delivered podium results at pro-level competitions for almost a decade.

R7 PRO



R7 PRO

WHEEL SIZE	27.5"	27.5+/29"
WEIGHT	1625g	1648g
OFFSET	37/44OS	44/51OS
TRAVEL	80-120mm	80-120mm
TRAVEL AND AXLE TO CROWN	80mm = 471 a2c 90mm = 481 a2c 100mm = 491 a2c 110mm = 501 a2c 120mm = 511 a2c	80mm = 485 a2c 90mm = 495 a2c 100mm = 505 a2c 110mm = 515 a2c 120mm = 525 a2c
SPRING	Dorado Air w/ IVA	
COMPRESSION DAMPING	VTT Pro	
REBOUND DAMPING	Half Cartridge adjustable TPC	
ADJUSTMENTS	Air, Rebound, 3-position Compression (Open, Trail, Lock) with Open Mode Adjust, IVA position	
STEERER	1.5" Tapered	
CROWN	Forged Aluminum, Deep Hollow Bore Silver	
LEG DIAMETER	32mm	
LEG MATERIAL	7000- Series Butted Wall Aluminum	
BRAKE	Post Mount 160mm (203mm Max)	
AXLE	15mm x110mm Hexlock SL2	
MAX TIRE SIZE	68mm	77mm (27.5+), 68mm (29)
OPTIONS	Fender Kit, Remote Lockout	
E-PAC	No	

Down-for-Whatever

Light enough to please the weight weenies, stiff enough to smash the jump lines, and reliable enough to do it every day of the week. The all new R7 Pro is down for whatever.

The new R7 is available in both a Pro and Expert level each available in 27.5" and 29" wheel sizes with travel internally adjustable from 80mm-120mm.

R7 EXPERT



R7 EXPERT

WHEEL SIZE	27.5"	27.5+/29"
WEIGHT	1789g	1812g
OFFSET	37/44OS	44/51OS
TRAVEL	80-120mm	80-120mm
TRAVEL AND AXLE TO CROWN	80mm = 471 a2c 90mm = 481 a2c 100mm = 491 a2c 110mm = 501 a2c 120mm = 511 a2c	80mm = 485 a2c 90mm = 495 a2c 100mm = 505 a2c 110mm = 515 a2c 120mm = 525 a2c
SPRING	Expert Air	
COMPRESSION DAMPING	VTT-3 Position	
REBOUND DAMPING	in-leg adjustable TPC	
ADJUSTMENTS	Air, Rebound, 3-position Compression (Open, Trail, Lock)	
STEERER	1.5" Tapered	
CROWN	Forged Aluminum, Hollow Bore Gloss Black	
LEG DIAMETER	32mm	
LEG MATERIAL	6000- Series Straight Wall Aluminum	
BRAKE	Post Mount 160mm (203mm Max)	
AXLE	15mm x 110mm Hexlock	
MAX TIRE SIZE	68mm	77mm (27.5+), 68mm (29)
OPTIONS	Fender Kit, IVA, Remote Lockout	
E-PAC	No	

Rebirth of an Icon

The R7 has a vast history of combining a lightweight chassis with performance and reliability. And this latest incarnation of the icon is no different. The new R7 expert pairs superior damping thanks to our 3 position dual piston VTT damper with a lightweight and stiff 32mm chassis.

The new R7 is available in both a Pro and Expert level each available in 27.5" and 29" wheel sizes with travel internally adjustable from 80mm-120mm.

MACHETE™ COMP



MACHETE COMP

WHEEL SIZE	27.5"	27.5+/29"
WEIGHT	1862g	1885g
OFFSET	37/44OS	44/51OS
TRAVEL	80-120mm	80-120mm
TRAVEL AND AXLE TO CROWN	80mm = 471 a2c	80mm = 485 a2c
	90mm = 481 a2c	90mm = 495 a2c
	100mm = 491 a2c	100mm = 505 a2c
	110mm = 501 a2c	110mm = 515 a2c
	120mm = 511 a2c	120mm = 525 a2c
SPRING	TS Air	
COMPRESSION DAMPING	Kwik Toggle	
REBOUND DAMPING	in-leg adjustable TPC	
ADJUSTMENTS	Air, Rebound, Lockout	
STEERER	1.5" Tapered	
CROWN	Forged Aluminum, Hollow Bore Matte Black	
LEG DIAMETER	32mm	
LEG MATERIAL	6000- Series Straight Wall Aluminum	
BRAKE	Post Mount 160mm (203mm Max)	
AXLE	15mm x110mm Hexlock	
MAX TIRE SIZE	68mm	77mm (27.5+), 68mm (29)
OPTIONS	Fender Kit, Remote Lockout	
E-PAC	No	

The Machete™ is purpose-built for slicing trails, with Kwik Toggle compression damping inspired by our renowned Absolute+ technology. Kwik Toggle achieves on/off lockout simplicity in a lightweight, practical package.

MARKHOR



MARKHOR

WHEEL SIZE	27.5"	27.5+/29"
WEIGHT	1878g	1910g
OFFSET	44 TA OS	51 TA OS
TRAVEL	80-120mm	80-120mm
TRAVEL AND AXLE TO CROWN	80mm = 474 a2c	80mm = 490 a2c
	90mm = 484 a2c	90mm = 500 a2c
	100mm = 494 a2c	100mm = 510 a2c
	110mm = 504 a2c	110mm = 520 a2c
	120mm = 514 a2c	120mm = 530 a2c
SPRING	TS Air	
COMPRESSION DAMPING	Kwik Toggle	
REBOUND DAMPING	Adjustable TPC Cartridge	
ADJUSTMENTS	Air Pressure, Rebound, Lock-out	
STEERER	1.5" Tapered or Straight Steerer	
CROWN	Shot Peen Forged Aluminum	
LEG DIAMETER	30mm	
LEG MATERIAL	6000 - Series Straight wall Aluminum	
BRAKE	Post Mount 160mm (203mm Max)	
AXLE	9mm QR or 15mm x 110mm Hexlock	
MAX TIRE SIZE	80mm TA	
E-PAC	Yes	

Handles terrain like a goat. Just because you're on a budget doesn't mean you can't ride a suspension fork that gives you excellent, smooth control. The Markhor features our KwikToggle damper with easy on/off lockout. With travel between 100mm and adjustable to 120mm, the Markhor fork smooths out any line the trail puts in front of you.



JUNIT 34 PRO

IMAGE COMING SOON

JUNIT 34 PRO

WHEEL SIZE	24"	26"
WEIGHT	1750g (est)	1750g (est)
OFFSET	41OS	41OS
TRAVEL	100-160mm	100-160mm
TRAVEL AND AXLE TO CROWN	100mm = 454 a2c 110mm = 464 a2c 120mm = 474 a2c 130mm = 484 a2c 140mm = 494 a2c 145mm = 499 a2c 150mm = 504 a2c 160mm = 514 a2c	100mm = 480 a2c 110mm = 490 a2c 120mm = 500 a2c 130mm = 510 a2c 140mm = 520 a2c 150mm = 530 a2c 160mm = 540 a2c
SPRING	Dorado Air w/ IRT	
COMPRESSION DAMPING	VTT 6	
REBOUND DAMPING	Half Cartridge adjustable TPC	
ADJUSTMENTS	Air, IRT, Rebound, 6-position Compression	
STEERER	1.5" Tapered	
CROWN	Forged Aluminum, Hollow Bore silver	
LEG DIAMETER	34mm	
LEG MATERIAL	7000-Series Butted Wall Aluminum	
BRAKE	Post Mount 160mm	
AXLE	15mm x 110mm Hexlock	
MAX TIRE SIZE	67mm	
OPTIONS	Fender Kit, TSR	
E-PAC	No	

- Build it and they will come. The 32mm JUNIT fork opened up suspension performance for kids that has never been seen before. The move to 34mm chassis in 24" and 26" wheel sizes increases stiffness for bigger kids to go even bigger! 7000 series tapered legs for a light weight stiff chassis.
- Dorado™ air allows for internal travel adjustments with no added parts. New travel spacers account for negative air volume change, so the 100mm fork has the same initial stroke feel as the 160mm.
- The Dorado Air spring systems contain a unique balancing valve that equalizes the positive and negative air chambers during the air fill process. This gives the spring rate a consistent feel without any flat or dead spots in the stroke, along with giving riders of different weights the same initial stroke feel. Dorado Air is our lightest weight air spring technology.
- Infinite Rate Tune™ (IRT) allows for advanced spring tuning by independently adjusting air pressures in the beginning and end stroke. IRT technology creates a secondary positive air spring that effects only the middle to end stroke of the fork. This allows the main air spring to be set to lower pressures for improved small bump sensitivity while maintaining mid-stroke support and moderate to aggressive end-stroke ramp-up.
- VTT-6P is our newest compression damper technology featuring an single external compression adjuster that simultaneously adjusts HS and LS damping characteristics. It features a fixed shim stack and a secondary shim stack that is preloaded by the external adjuster. The resulting wide tuning range combines the benefits of a Low-speed platform and High-speed progressive tune can suite any terrain. From fire-road climbs to big flowy jump lines to high-speed chunky rocks, VTT-6P can adapt to all terrain with flick of a switch.

JUNIT 34 EXPERT

IMAGE COMING SOON

JUNIT 34 EXPERT

WHEEL SIZE	24"	26"
WEIGHT	1840g (est)	1840g (est)
OFFSET	41OS	41OS
TRAVEL	100-160mm	100-160mm
TRAVEL AND AXLE TO CROWN	100mm = 454 a2c	100mm = 480 a2c
	110mm = 464 a2c	110mm = 490 a2c
	120mm = 474 a2c	120mm = 500 a2c
	130mm = 484 a2c	130mm = 510 a2c
	140mm = 494 a2c	140mm = 520 a2c
	145mm = 499 a2c	150mm = 530 a2c
	150mm = 504 a2c	160mm = 540 a2c
SPRING	Expert Air w/ IVA	
COMPRESSION DAMPING	ABS+	
REBOUND DAMPING	in-leg adjustable TPC	
ADJUSTMENTS	Air, Air Volume, Rebound, Compression	
STEERER	1.5" Tapered	
CROWN	Forged Aluminum, Hollow Bore	
LEG DIAMETER	34mm	
LEG MATERIAL	7000- Series Butted Wall Aluminum	
BRAKE	Post Mount 160mm	
AXLE	15mm x 110mm Hexlock	
MAX TIRE SIZE	67mm	
OPTIONS	Fender Kit, TSR	
E-PAC	No	

- Slight weight increase for massive stiffness gains and new travel options
- Build it and they will come. The 32mm JUNIT fork opened up suspension performance for kids that has never been seen before. The move to 34mm chassis in 24" and 26" wheel sizes increases stiffness for bigger kids to go even bigger! 7000 series tapered legs for a light weight stiff chassis.
- Expert air allows for internal travel adjustments with no added parts. New travel spacers account for negative air volume change, so the 100mm fork has the same initial stroke feel as the 160mm 160mm 24" fork!
- Expert Air spring systems contain a unique balancing valve that equalizes the positive and negative air chambers during the air fill process. This gives the spring rate a consistent feel without any flat or dead spots in the stroke, along with giving riders of different weights the same initial stroke feel. Expert Air has identical performance to Dorado™ Air in a more cost effective package.
- Incremental Volume Adjust (IVA) modifies the volume in the positive air chamber with self contained spacers dictating the position of the IVA piston. This allows the main air spring ramp-up to be tuned to the rider weight, style and conditions without the need for additional parts.
- Absolute Plus (ABS+) is a shim stack based damper that features external incremental Low Speed compression adjustment. The shimstack is tuned for lighter riders, a sepperate DJ tune is available for kids who prefer to spend their time in the air.
- Great blend of cost, weight and performance
- 7000 series tapered legs with weight savings in the crown, combined with simple to adjust ABS+ damper and Expert air is the perfect blend of cost, weight and performance.

JUNIT COMP

IMAGE COMING SOON

JUNIT COMP

WHEEL SIZE	20"	24"
WEIGHT	1574g	1689g
OFFSET	40	42
TRAVEL	80-120mm	100-145mm
TRAVEL AND AXLE TO CROWN	80mm = 390 a2c	100mm = 455 a2c
	90mm = 400 a2c	110mm = 465 a2c
	100mm = 410 a2c	120mm = 475 a2c
	110mm = 420 a2c	130mm = 485 a2c
	120mm = 430 a2c	145mm = 500 a2c
SPRING	Expert Air	
COMPRESSION DAMPING	ABS+	
REBOUND DAMPING	In-leg adjustable TPC	
ADJUSTMENTS	Air, Rebound, Compression	
STEERER	1.5" Tapered or Straight Steerer	
CROWN	Forged Aluminum, Deep Hollow Bore Matte Black	
LEG DIAMETER	32mm	
LEG MATERIAL	6000- Series Straight Wall Aluminum	
BRAKE	Post Mount 160mm (203mm Max)	
AXLE	15mm x110mm Hexlock SL2	
MAX TIRE SIZE	61mm w/ fender, 69mm without	
OPTIONS	Fender Kit, IVA, Milo Remote	
E-PAC	Yes	

- 32mm chassis for smaller wheels and lower travels provides excellent blend of price and performance with 6000 series straight wall legs.
- Expert air allows for internal travel adjustments with no added parts. New travel spacers account for negative air volume change, so the 100mm fork has the same initial stroke feel as the 145mm.
- Expert Air spring systems contain a unique balancing valve that equalizes the positive and negative air chambers during the air fill process. This gives the spring rate a consistent feel without any flat or dead spots in the stroke, along with giving riders of different weights the same initial stroke feel. Expert Air has identical performance to Dorado™ Air in a more cost effective package.
- Absolute Plus (ABS+) is a shim stack based damper that features external incremental Low Speed compression adjustment.
- 150kg Max Gross Vehicle Weight.
- Trickle down technology Expert performance at a new lower cost.

MARA PRO



MARA PRO

WEIGHT	425g
MOUNTING STYLE	Eyelet and Trunnion
AIR CAN	King Can (mid stock)
NEGATIVE CHAMBER	Sealed Atmospheric
COMPRESSION	Work and Party Mode
EXTERNAL ADJUSTMENTS	Air Pressure, Rebound, HS and LS Compression. Work / Party Mode
INTERNAL ADJUSTMENTS	Shim stack, Work Mode Shim stack, Air Volume
OTHER	SKF Flexible IFP
OPTIONS	Standard Can

A rear shock worthy of world-class performance. Mara Pro was designed in conjunction with the Mezzar fork for hard charging applications, like Enduro and All Mountain. Proven reliability with a bevy of adjustments that enables the most technical riders to find his/her sweet spot.

MARA INLINE



MARA INLINE

WEIGHT	275g
MOUNTING STYLE	Eyelet and Trunnion
AIR CAN	Standard Can
NEGATIVE CHAMBER	Sealed Atmospheric
COMPRESSION	IPA - 4 Position
EXTERNAL ADJUSTMENTS	Air Pressure, IPA, Rebound
INTERNAL ADJUSTMENTS	Shim Stack, Air Volume w/ King Can
OTHER	SKF Flexible IFP
OPTIONS	King Can, Remote Lockout

Designed for the riders that dabble in everything, the Mara is ready for anything. Our IPA damper features four different positions ranging from an open mode ready to smash rocks to a firm platform mode for those hard climbs and all out double track sprints. Made with 7050 aerospace-grade aluminum the chassis is both lightweight and durable.

JACK DROPPER POST

JACK SL DROPPER POST



Focus on the ride, allow the Jack to hold your saddle exactly where you set it!

Focus on the ride, allow the Jack to hold your saddle exactly where you set it!

JACK DROPPER POST

POST DROP	185mm and 160mm
POST DIAMETER	30.9 and 31.6mm
WEIGHT	525g (30.9mm) 565g (31.6mm)
REMOTE	Manitou underbar, SRAM peacemaker compatible
POST OVERALL LENGTH (WITHOUT ACTUATOR)	485mm
POST MAX INSERTION	227mm
POST MIN INSERTION	130mm
CLAMP STYLE	2 bolt clamp
SADDLE BOLT MATERIAL	Steel
SADDLE CLAMP MATERIAL	Aluminum
CABLE AND HOUSING	Jagwire Dropper post specific with Manitou Jack cable head
ACTUATOR	360 degree toolless rotation 32mm length
CARTRIDGE BLEED	Revive reset function

The Manitou™ Jack dropper post is available in three drop options – 185mm, 160mm, and 80mm – for improved handling when you need it. Available in 30.9 and 31.6mm diameters, the Jack includes a Manitou under bar lever which features a cartridge bearing for smooth, precise operation. To further the smooth operation and setup on the 185mm and 160mm post the included 1.1mm cable with Manitou specific cable head negates the use of the cable clamp, allowing all the cable tension adjustment to be completed on the lever side. 80mm post use a standard derail cable for its lever side adjustments.

JACK SL DROPPER POST

POST DROP	80mm
POST DIAMETER	30.9 and 31.6mm
WEIGHT	365g (30.9mm) 380g (31.6mm)
REMOTE	Manitou underbar, SRAM peacemaker compatible
POST OVERALL LENGTH (WITHOUT ACTUATOR)	320mm
POST MAX INSERTION	197mm
POST MIN INSERTION	80mm
CLAMP STYLE	2 bolt clamp
SADDLE BOLT MATERIAL	Steel
SADDLE CLAMP MATERIAL	Aluminum
CABLE AND HOUSING	Jagwire Dropper post specific with Manitou Jack cable head
ACTUATOR	360 degree toolless rotation (32mm length)
CARTRIDGE BLEED	Auto-reset function
RIDER WEIGHT LIMIT	250lbs

The Manitou™ Jack dropper post is available in three drop options – 185mm, 160mm, and 80mm – for improved handling when you need it. Available in 30.9 and 31.6mm diameters, the Jack includes a Manitou under bar lever which features a cartridge bearing for smooth, precise operation. To further the smooth operation and setup on the 185mm and 160mm post the included 1.1mm cable with Manitou specific cable head negates the use of the cable clamp, allowing all the cable tension adjustment to be completed on the lever side. 80mm post use a standard derail cable for its lever side adjustments.