



2024

MODELS



Rideability





2024 MODELS



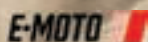
TWO STROKE - 125 / 200 / 250 / 300
FOUR STROKE - 350 / 390 / 430 / 480



TWO STROKE - 300



TWO STROKE - 300



ELECTRIC - E-MOTO



ELECTRIC - YOUTH BALANCE BIKES

*Specifications listed within this catalog are subject to change without notice. Additional information on all models including manuals, accessories, and parts books are available online at www.betausa.com/support

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Every item in this catalog has been designed & developed for the requirements of off road motorsports. The items in this catalog have been developed and are solely intended for closed course competition use & racing applications only. Any other usage may violate U.S. Federal and/or state law and could be subject to fines. Only items explicitly designated to be "50 State Legal" have been developed and are approved to meet U.S. Federal and California emission requirements for highway on-road use.



2-STROKE
125

THE PLAY BIKE WITH A RACING ATTITUDE



OVER VIEW

The Beta 125 RR is a result of a long development from the Beta R&D department aimed at filling a gap in the off-road market as a play bike, but also a serious race bike for the GNCC XC3 class & the NEPG Enduro classes.



FEATURES ::

Six Speed Transmission | Off-Road Light & Meter Package | Adjustable Power Valve | Broad Power Delivery | Dual Map Selection | Sachs ZF Forks with Tool-Less Adjustability | Hydraulic Clutch | Pre-Mix





2-STROKE
200

AGILITY
AND
POWER



OVERVIEW

The 2024 200 RR bridges the gap between the 125 and full size 250/300. It has a nimble chassis like the 125, making it easier to maneuver than the larger two stroke models, but it has added torque.

FEATURES

- » Six Speed Transmission
- » Off-Road Light & Meter Package
- » Adjustable Power Valve
- » Similar Weight to 125 with Added Torque
- » Electric Start
- » Sachs ZF Forks with Tool-Less Adjustability
- » Automatic Oil Injection
- » Easy Access Air Filter Box





2-STROKE
250 | 300



THE FLAGSHIP ENDURO BIKE

OVER VIEW

The Beta 250 & 300 RR are the pinnacle of the Enduro class of bikes. Beta's rich history of motorcycle development have resulted in a refined riding experience. These two models embody the Rideability ethos of Beta.

FEATURES

- » Six Speed Transmission
- » Off-Road Light & Meter Package
- » Adjustable Power Valve
- » Broad Power Delivery
- » Electric Start
- » Sachs ZF Forks with Tool-Less Adjustability
- » Automatic Oil Injection
- » Easy Access Air Filter Box
- » Counter Balanced Engine
- » **New** Lighter & Durable Radiator with more Fork Clearance for Greater Turning Radius
- » **New** Seat Design with Softer Foam





2024

RR



PERSONALITY

250 

Prefers to be revved out a bit more than the 300 RR, yet still provides a smooth power delivery

300 

An amazing amount of torque with a lightweight feel that provides the ultimate traction and ease of riding



4-STROKE
350 | 390 | 430 | 480

SMOOTH
4-STROKE
POWER
DELIVERY



OVER
VIEW

FEATURES

The 4-Stroke line-up of RR models features four different-sized engines all based on the same platform yet with different bores and strokes which provide a different riding experience. From the flickable, free-revving 350 all the way up to the torque of the 480, riders of all abilities will find the Rideability of the Beta 4-stroke RR models refreshing.

On-Demand Traction Control



4 Different Engine Displacements



Off-Road Light & Meter Package | Easy Access Air Filter Box
Dual Map Selection | Sachs ZF Forks with Tool-Less Adjustability
Smooth 4-Stroke Power Delivery | On-Demand Traction Control
| EFI with Twin Injectors | Quick Release Seat Removal
NEW Seat Design with Softer Foam | **NEW** Lighter & Durable
Radiator with more Fork Clearance for Greater Turning Radius



OFF
ROAD

Rideability



2024

RR / RX

RX

2-STROKE
300BRINGING
RIDEABILITY
TO MOTOCROSS

OVERVIEW

The popular RX is developed with a racing attitude. This motorcycle has a rare combination of linear speed and Rideability on the motocross track. Assembled with top level components, this premium machine is built as a contender. Not only is the RX the best looking bike at the track, but also has the performance to back up its undeniable appeal.

LINEAR SPEED

- » Six Speed Transmission
- » Plated Exhaust Pipe
- » Adjustable Power Valve
- » 19" Rear Wheel
- » Electric Starter
- » Billet Aluminum Footpegs
- » Racing Graphics & Seat Cover
- » Custom Power Delivery for MX
- » KYB Front & Rear MX Suspension

betausa.com





RX



XTRAINER

2-STROKE
300



THE #1 SELLING ENTRY LEVEL ENDURO BIKE

OVER VIEW

With a lower seat height and softer power delivery, the Xtrainer is the ideal bike for riders looking for a motorcycle that is easy to ride and usable in every situation.

FEATURES

- » Automatic Oil Injection
- » High Quality O-Ring Chain
- » Adjustable Power Valve
- » Smooth Power Delivery
- » Electric Start
- » Counter-Balanced Engine
- » Lower Seat Height (35.8")
- » Easy Access Air Filter Box
- » Dual Map Switch





2024

XTRAINER

OFF
ROAD

XTRAINER

betausa.com

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Explorer



BUILT FOR ADVENTURE

OVERVIEW

The all-new Beta Explorer is a 100% electric E-Moto bike designed to appeal to adult riders of all ages and experience levels. Built for fun off-road adventures, the Explorer is quiet, simple, and easy to ride, providing a riding experience like no other.



FEATURES

- » Two Speeds plus Rocket Mode
- » Lightweight & Sturdy Chassis
- » Hydraulic Front & Rear Disc Brakes
- » Adjustable Footpegs
- » Maximum Top Speed 40 MPH
- » Adjustable Front & Rear Suspension
- » Aluminum Wheels with Kenda Tires
- » 74 volt Swappable Battery
- » Battery Charges Fully in 2-3 hours
- » Digital Meter for Range, MPH, & Mode
- » Underseat Storage Area





YOUTH ENTRY LEVEL BIKES

OVERVIEW

The all new youth range of electric balance bikes. These Beta eKINDER bikes offer young riders a great introduction into the two wheel world.

FEATURES

- » Rear Disc Brakes
- » Youth Sized Levers
- » Battery Indicator on Twist Throttle
- » Aluminum Alloy Frame
- » Removable Batteries (Two Included)
- » 16" Pro has a Front Shock Absorber
- » 18" Pro comes with Full Suspension
- » 18" Pro has Folding Aluminum Footpegs



12" eKINDER | Ages 3-5



16" eKINDER Pro | Ages 5-7



18" eKINDER Pro | Ages 7-11

TECHNICAL SPECS



ENGINE SPECS

Engine	2-Stroke - 125 200 250 300			
Type	Beta built single cylinder, 2-stroke, adjustable power valve, liquid cooled, counter balancer (250/300), electric start with a back up kick start sold as an option. (*125cc doesn't have an electric starter & comes stock with kick starter.)			
Bore	54mm	62mm	66.4mm	73mm
Stroke	54.5mm	63mm	72mm	69.9mm
Displacement	124.8cc	190.2cc	249cc	292.6cc
Compression Ratio	15.2:1	13.5:1	13.2:1	11.63:1
Exhaust Valve	Beta Progressive Valve (BPV)			
Ignition	AC-CDI Kokusan w/ dual map switch			
Spark Plug	NGK BR9ECMVX NGK BR8ECM NGK BR8ES NGK GR7C18			
Lubrication	Premix (125cc only) Electric Oil Injection			
Oil Tank Capacity	650cc (Oil not applicable on 125 model)			
Carburetor	Keihin PWK 36mm			
Clutch	Wet multi-disc (125 & 200) Wet Diaphragm-style (250 & 300)			
Transmission	6 Speed			
Final Drive	High quality O-Ring chain			

CHASSIS SPECS

Frame	Molybdenum steel/double cradle with quick air filter access & push button seat removal
Wheelbase	58.1" (125cc/200cc) 58.3" (250cc/300cc)
Seat Height	36.6"
Ground Clearance	12.8" (125cc/200cc) 12.6" (250cc/300cc)
Footrest Height	16.1" (125cc/200cc) 16.0" (250cc/300cc)
Dry Weight (wet weigh, no fuel)	207 lbs. (125cc) 214 lbs (200cc) 228 lbs (250/300)
Fuel Tank Capacity	2.5 US Gallons
Front Suspension	48mm Sachs USD fork, adjustable compression, rebound, and spring preload.
Rear Suspension	Aluminum Body Sachs shock w/ adjustable rebound and hi/low speed compression
Front Wheel Travel	11.6"
Rear Wheel Travel	11.4"
Front Brake	260mm floating rotor
Rear Brake	240mm rotor
Front/Rear Rim	21" (Front) 18" (Rear)
Front/Rear Tire	Maxxis Enduro

**This model is for competition use only



ENGINE SPECS

Engine	4-Stroke - 350 390 430 480			
Type	Single cylinder, 4-valve (titanium intake and exhaust), 4-stroke liquid cooled, electric start. (back up kick start available as option)			
Bore	88mm	88mm	95mm	100mm
Stroke	57.4mm	63.4mm	60.8mm	60.8mm
Displacement	349.1cc	385.6cc	430.9cc	477.5cc
Compression Ratio	13.19:1	12.48:1	12.33:1	11.86:1
Valve Train	Titanium Intake & Exhaust			
Ignition	DC-CDI Kokusan 200w output w/ dual map switch On-Demand Traction Control			
Spark Plug	NGK LKAR 8A-9			
Lubrication	Twin oil pumps with cartridge oil filter Separate oil for engine and clutch			
Fuel System	42mm Electronic Fuel Injection (Twin Injectors)			
Clutch	Wet Diaphragm-Style			
Primary Ratio	28:76 (350 & 390) 31:72 (430 & 430)			
Transmission	6 Speed			
Final Drive	High quality O-Ring chain, DID			
Traction Control	On-Demand with push of a button			

CHASSIS SPECS

Frame	Molybdenum steel/double cradle split above exhaust port. Quick air filter access & push button seat removal
Wheelbase	58.7"
Seat Height	37"
Ground Clearance	12.6"
Footrest Height	16.3"
Dry Weight (wet weigh, no fuel)	237 lbs. (350cc & 390cc) 239 lbs (430cc & 480cc)
Electrical	Multi-function meter
Fuel Tank Capacity	2.4 US Gallons
Front Suspension	48mm Sachs open cartridge fork, adjustable compression, spring preload & rebound
Rear Suspension	Aluminum Body Sachs shock w/ adjustable rebound and hi/low speed compression
Front Wheel Travel	11.6"
Rear Wheel Travel	11.4"
Final Gearing	13t front, 48t rear
Front Brake	260mm rotor
Rear Brake	240mm rotor
Front/Rear Rim	21" (Front) 18" (Rear)
Front/Rear Tire	Maxxis Enduro

**This model is for competition use only

TECHNICAL SPECS



ENGINE SPECS

Engine	2-Stroke 300
Type	Beta built single cylinder, 2-stroke, liquid cooled, counter balancer, with BPV power valve system and electric start with a back up kick start sold as an option
Bore	73mm
Stroke	69.9mm
Displacement	292.3cc
Compression Ratio	11.55:1
Exhaust Valve	Beta Progressive Valve (BPV)
Ignition	AC-CDI Kokusan w/ dual map switch
Spark Plug	NGK GR7CI8
Lubrication	Electronic Oil Injection
Oil Tank Capacity	650cc
Carburetor	Keihin PWK 36mm
Clutch	Wet Diaphragm-style
Transmission	6 Speed
Final Drive	High quality O-Ring chain

**This model is for competition use only

CHASSIS SPECS

Frame	Molybdenum steel/Parameter-Style with quick air filter access
Wheelbase	57.8"
Seat Height	35.8"
Ground Clearance	12.6"
Footrest Height	15.4"
Dry Weight	218 lbs. (Wet weight, no fuel)
Fuel Tank Capacity	2.32 US Gallons
Front Suspension	43mm inverted with rebound & spring preload adjustment
Rear Suspension	Steel body shock with adjustable rebound and compression with linkage
Front Wheel Travel	10.6"
Rear Wheel Travel	10.6"
Front Brake	260mm floating rotor
Rear Brake	240mm rotor
Front/Rear Rim	21" (Front) 18" (Rear)
Front/Rear Tire	Soft Enduro Competition



ENGINE SPECS

Engine	2-Stroke - 300
Type	Beta built single cylinder, 2-stroke, adjustable power valve, liquid cooled, electric start with a back up kick start sold as an option.
Bore	72mm
Stroke	72mm
Displacement	293.1 cc
Compression Ratio	11.63:1
Exhaust Valve	Beta Progressive Valve (BPV)
Ignition	AC-CDI Kokusan w/ dual map switch
Spark Plug	NGK BR8ECM
Lubrication	Premix
Oil Tank Capacity	N/A
Carburetor	Keihin PWK 38mm
Clutch	Wet Diaphragm-style
Transmission	6 Speed
Final Drive	High quality O-Ring chain

**This model is for competition use only

CHASSIS SPECS

Frame	Molybdenum steel/double cradle with quick air filter access & push button seat removal
Wheelbase	58.6"
Seat Height	37"
Ground Clearance	13.3"
Footrest Height	16.9"
Dry Weight (wet weigh, no fuel)	220 lbs
Fuel Tank Capacity	2.51 US Gallons
Front Suspension	48mm KYB AOS Closed Cartridge fork, adjustable compression & rebound
Rear Suspension	KYB 46mm body rear shock with adjustable rebound and high/low speed compression adjust
Front Wheel Travel	11.6"
Rear Wheel Travel	11.4"
Front Brake	260mm floating rotor
Rear Brake	240mm rotor
Front/Rear Rim	21" (Front) 19" (Rear)
Front/Rear Tire	Michelin Starcross

TECHNICAL SPECS



ENGINE SPECS		CHASSIS SPECS	
Peak Power	12.5 Kw	Frame	Forged Aluminum with steel upper structure
Battery	74v 35AH - Takes just a minute to remove	Brakes	Hydraulic 210 mm disc, front & rear
Speed	Two Speeds plus Rocket Mode, reverse gear as well	Wheels	Aluminum Rims with Machined Hubs 90/100-18 Kenda Knobby (rear) 70/100-19 Kenda (front)
Max Speed	40 MPH	Front Fork	USD Adjustable
Charge Time	2-3 Hours standard 115v outlet	Rear Shock	Adjustable compression, rebound and spring preload - with linkage
Range	Speed One: 50-100 miles Speed Two: 30-60 miles	Seat Height	33.8"
Display	Digital meter - Range, mode, mph, with total miles	Wheelbase	52.4"
Warranty: Chassis	Six Months	Weight with Battery	150 lbs
Warranty: Battery, Charger, Motor	Two Years	Maximum Load	265 lbs
		Storage	Water Bottle/other under the seat



ENGINE SPECS		CHASSIS SPECS	
Models	12" 16" Pro 18" Pro	Frame	Aluminum Alloy
Battery (Removable)	24v 2.6 AH 24v 5.2 AH 36v 5 AH	Brakes	Rear Vented Disc 18" Pro adds Front Disc Brakes
Charger	24.9V 1A 24.9 1A 42V 3A	Weight	22 lbs 26 lbs 45 lbs
Max Speed	3 / 6 / 9 MPH 6 / 11 / 15 MPH 9 / 13 / 18 MPH	Maximum Load	75 lbs 110 lbs 154 lbs
Motor	200 Watts 350 Watts 500 Watt	Suspension	N/A Front Shock Front & Rear Shock
Range	30-60 mins	Wheel Size	12" 16" 18"
Warranty	Six Months	Recommended Ages	3 - 5 5 - 7 7 - 11



Rideability

Beta

FACTORY SUSPENSION

Beta has designed a simple way to order suspension tailored for each individual rider. Once you are logged on the betasuspension.com site you will be able to choose from different packages, and/or service options for your new or used Beta. Before checking out, complete the build form and your factory suspension will be tailored to your specific riding style, weight, and riding terrain. A special suspension box is sent to you or your dealer to ensure your suspension is not damaged while enroute to Beta USA. Your customized suspension will be then shipped to your dealer upon build completion.



Support Package



Factory Package



Factory Pro Package



BETASUSPENSION.COM

Beta recognizes that not all riders have the same needs. Our BYOB program is designed for riders that want a bike built for them! We have created a custom build program that allows the Beta owner to build his or her new ride the way it should be...for them!



Chassis Parts

Customize your ride with over-sized tanks, graphics, carbon fiber, and much more.

Engine Add-ons

Radiator fans, billet caps, parts and more!

Gearing & Rotors

Upgrade your sprockets, brake rotors, and more.

Wheels & Tires

Upgrade your tires, wheels, rims, hubs, and more.

Finish Details

Add it all up and place your deposit on your custom Beta!

Go to betausa.com to start your build

betausa.com





Rideability

BETAUSA.COM

