

***Rideability***



**Beta**  
motorcycles



**2020**

**EVO**

**XTAINER**

**RR-S**

**RR**

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\*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](http://www.betausa.com) under support.

## WWW.BETAUSA.COM



OIL INJECTION



ELECTRIC START

### XTRAINER FEATURES

- Counter-Balanced Engine
- Lower Seat Height
- Hydraulic Clutch
- Adjustable Power Valve
- Smoother Power Delivery
- Automatic Oil Injection
- #1 Selling Entry-Level Enduro





PRE-MIX



KICK START



### RR 125 2-STROKE FEATURES

- New Frame & Bodywork
- 6 Speed Transmission
- Adjustable Power Valve
- Sachs ZF Forks with Tool-Less Adjustability for Spring Preload, Compression, & Rebound.
- Removable Cylinder Head Dome
- Offroad Light & Meter Package
- Broad Power Delivery
- Part of the National Enduro Beta Cup



OIL INJECTION



ELECTRIC START



### RR 200 2-STROKE FEATURES

- New Frame & Sub-Frame
- 6 Speed Transmission
- Adjustable Power Valve
- Part of the National Enduro Beta Cup
- Automatic Oil Injection & Electric Start
- Easy Access Air Filter Box
- Sachs ZF Forks with Tool-Less Adjustability for Spring Preload, Compression, & Rebound.
- Light Weight Similar to the 125 With Added Torque



# RR

RR 2-STROKE / 250 / 300



OIL INJECTION



ELECTRIC START



## RR 2-STROKE FEATURES

- Counter-Balanced Engine
- New Frame, Sub-Frame, & Body Work
- 6 Speed Transmission
- Adjustable Power Valve
- Automatic Oil Injection & Electric Start
- Easy Access Air Filter Box
- Sachs ZF Forks with Tool-Less Adjustability for Spring Preload, Compression, & Rebound.
- Off Road Light & Meter Package

# RR

## RACE EDITION

RR 2-STROKE / 125



PRE-MIX



KICK START



## RR 125 2-STROKE RACE EDITION FEATURES

- KYB Front Suspension & Sach's ZF Rear
- New Frame, Sub-Frame, & Body Work
- Adjustable Power Valve
- Dual Material Rear Sprocket
- Front Axle Pull
- Billet Aluminum Footpegs
- Off Road Light & Meter Package
- Racing Graphics & Seat Cover
- 6-Speed Transmission



# RR

## RACE EDITION

RR 2-STROKE / 250 / 300



PRE-MIX



ELECTRIC START



### RR 2-STROKE RACE EDITION FEATURES

- Counter-Balanced Engine
- KYB Front Suspension
- New Frame, Sub-Frame, & Body Work
- Adjustable Power Valve
- Billet Aluminum Footpegs
- Dual Material Rear Sprocket
- Racing Graphics & Seat Cover
- Off Road Light & Meter Package
- Easy Access Air Filter Box
- 6-Speed Transmission
- Front Axle Pull

# RR

## RACE EDITION

RR 4-STROKE / 350 / 390 / 430 / 480



EFI



ELECTRIC START



### RR 4-STROKE RACE EDITION FEATURES

- KYB Front Suspension
- New Frame, Sub-Frame, & Body Work
- All New Engine Design for Improved Power Delivery
- New Coolant Routing & Hose Design
- Dual Material Rear Sprocket
- Billet Aluminum Footpegs
- Racing Graphics & Seat Cover
- Off Road Light Meter Package
- Easy Access Air Filter Box
- EFI with Twin Injectors



# RR-S

STREET-LEGAL OFF ROAD

RR-S 4-STROKE / 125



ELECTRIC START

# RR-S

STREET-LEGAL OFF ROAD

RR-S 4-STROKE / 350 / 390 / 430 / 500



EFI



ELECTRIC START



## RR-S 125 4-STROKE FEATURES

- Entry Level Dual Sport
- Ideal for Camping, or a Trip to the Market
- Over-Sized Front Brakes
- Super Reliable Engine
- Easy Access Air Filter Box
- Non-Intimidating Throttle Response
- Electric Start
- Liquid Cooled

## RR-S 4-STROKE FEATURES

- EFI with Twin Injectors
- New Frame, Sub-Frame, & Body Work
- 50 State Street-Legal Off Road
- Voyager GPS Navigation System
- Full Featured Dual Sport
- Plastic Skid Plate
- Fold Down Mirrors
- 200 Watt High Output Stator
- Dual Map Switch
- Sachs ZF Forks with Tool-Less Adjustability for Spring Preload, Compression, and Rebound.
- New Coolant Routing & Hose Design





# EVO

EVO 2-STROKE / 125 / 200 / 250 / 300



PRE-MIX



KICK START

# EVO

EVO 4-STROKE / 300



KICK START

## EVO 2-STROKE FEATURES

- Hydraulic Clutch
- Relocated Dual Map Switch
- Tight Turning Radius
- Hydro-Formed Aluminum Frame
- Hard Coated Fork Tubes (Except 125 & 200 Models)
- New Rear Fender & Cowling
- 6 Speed Transmission

## EVO 4-STROKE FEATURES

- Relocated Dual Map Switch
- 5 Speed Transmission
- New Rear Fender & Cowling
- 8lbs Lighter Than the Competition
- Extremely Quiet
- Many Accessories to Choose From

"The Evo 4-Stroke 300cc is a great alternative for riders who prefer the added torque of a 4-Stroke engine."



# EVO

EVO 2-STROKE SS (Super Smooth)/ 300



PRE-MIX



KICK START

## EVO 2-STROKE SS FEATURES

- Larger Flywheel Providing More Torque
- Different Ignition Programing
- Relocated Dual Map Switch
- Excellent Choice for Senior Riders
- Softer Power Delivery
- Slow Turn Throttle
- New Rear Fender & Cowling

# EVO

EVO SPORT / 125 / 200 / 300 / 300 4-Stroke



## EVO SPORT FEATURES

- Total Fuel Capacity of 2 Gallons
- Cushioned Seat
- Beta Hand Guards
- Front Fender Lift Kit
- Taller Gearing
- Knobby Tires

"The Beta Evo Sport was designed for the rider who wants to do a little trail riding and trials in the same trip. Beta Evo Sport can now be ordered as a kit with any full size Evo model."



# EVO

## FACTORY EDITION

2-STROKE / 125 / 250 / 300



PRE-MIX



KICK START

### EVO FACTORY 2-STROKE FEATURES

- Titanium Header Pipe
- Black Magnesium Side Covers
- Increased Power
- Profiled Clutch Disk
- Galfer Racing Brake Discs
- Machined Foot Pegs
- Gold Colored Excel Rims
- Tight Turning Radius
- Michelin X-Lite Tires

# EVO

## FACTORY EDITION

4-STROKE / 300



KICK START

The new 2020 Beta Evo Factory Editions feature 38mm front forks w/adjustable compression, rebound, and spring preload. The rear suspension has an aluminum body shock w/adjustable compression, rebound, and spring preload w/linkage.

### EVO FACTORY 4-STROKE FEATURES

- Titanium Silencer
- Carbon Fiber Exhaust Guard
- Michelin X-Lite Tires
- Extremely Quiet
- 5 Speed Transmission
- Black Anodized Chain Adjusters
- Rear Suspension Linkage
- Lanyard-Type Kill Switch
- BrakTec Brake & Clutch Pumps



# EVO

MINITRIAL / ELECTRIC 16" & 20"



**Evo 16"**  
Ages 5-9



**Evo 20"**  
Ages 8-12

## MINITRIAL ELECTRIC FEATURES

- 3 Speeds to Choose From
- Disc Brakes
- Lightest in Class
- Aluminum Frame
- Ultra Quiet
- Non Intimidating Entry Level Bikes

# EVO

EVO JR. 2-STROKE / 80



**Evo Jr.**  
Ages 9-12

The Beta Evo Jr. and Sr. models are the perfect starter bike for kids riding trials. These super reliable models offer a stable platform that youth riders can develop their riding skills on without being intimidated.

## EVO 80 FEATURES

- 6 Speed Transmission and Hydraulic Clutch
- 2-Stroke Liquid-Cooled Engine



PRE-MIX



KICK START





**Evo Sr.**  
**Ages 11-15**



PRE-MIX



KICK START

## EVO 80 FEATURES

- Most Dependable Youth Trials Bike on the Market
- A Great Transitional Platform Leading Into Enduro or Trials

## TECHNICAL SPECS

### 2-STROKE ENGINE 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 starter sold as an option.

**Bore:** 72mm

**Stroke:** 72mm

**Displacement:** 293.1 cc

**Compression Ratio:** 11.45:1

**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 multi-disc

**Transmission:** 6-speed

**Final Drive:** O-Ring Chain

### CHASSIS

**Frame:** Molybdenum steel/Parameter-Style w/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:** 2.25 US gallons

**Front Suspension:** 43 mm 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

**Warranty:** 6 month Limited Warranty





# TECHNICAL SPECS

2-STROKE  
ENGINE 125 | 200 | 250 | 300

**Type:** Beta-Built single cylinder, 2-stroke, adjustable powervalue, liquid cooled, **counter balancer**(250/300), with electric start and back up kick starter sold as an option(\*125 RR does not have an electric starter and comes stock with kick starter ).

<b>Bore:</b> 54mm	62mm	66.4mm	72mm
<b>Stroke:</b> 54.5mm	63mm	72mm	72mm
<b>Displacement:</b> 124.8cc	190.2cc	249cc	293.1cc
<b>Compression Ratio:</b> 15:1	13.5:1	13.2:1	11.9:1

**Exhaust Valve:** Beta Progressive Valve (BPV)

**Ignition:** AC-CDI Kokusan w/dual map switch

**Spark Plug:** NGK BR9ECMVX (125cc) | NGK BR8ECM (200cc) | NGK BR8ES (250cc) | NGK BR7ES (300cc)

**Lubrication:** Premix (125cc) | Electric Oil Injection

**Oil Tank Capacity** 650cc (200cc / 250cc / 300cc only)

**Carburetor:** Keihin PWK 36mm (125cc/200cc) Keihin PXX 36mm (250cc/300cc)

**Clutch:** Wet multi-disc

**Transmission:** 6-speed

**Final Drive:** O-ring chain

CHASSIS

**Frame:** Molybdenum steel/double cradle w/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"(250cc/300cc)

**Dry Weight:** 207 lbs. (125cc) | 213.8 lbs.(200cc) | 228 lbs. (250cc/300cc) (wet weight, no fuel)

**Fuel Tank Capacity:** 2.55 US gallons

**Front Suspension:** 48 mm 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 rotor

**Rear Brake:** 240mm rotor

**Front/Rear Rim:** 21" (Front) 18" (Rear)

**Front/Rear Tire:** Enduro Competition

**Warranty:** 6 month Limited Warranty



RACE EDITION

# TECHNICAL SPECS

2-STROKE  
ENGINE 125 | 250 | 300

**Type:** Beta-Built single cylinder, 2-stroke, adjustable powervalue, liquid cooled, **counter balancer**(250/300), with electric start and back up kick starter sold as an option(\*125 RR does not have an electric starter and comes stock with kick starter ).

<b>Bore:</b> 54mm	66.4mm	72mm
<b>Stroke:</b> 54.5mm	72mm	72mm
<b>Displacement:</b> 124.8cc	249cc	293.1cc
<b>Compression Ratio:</b> 15:1	13.2:1	11.9:1

**Exhaust Valve:** Beta Progressive Valve(BPV)

**Ignition:** AC-CDI Kokusan w/dual map switch

**Spark Plug:** NGK BR8ES | NGK BR7ES

**Lubrication:** Pre-mix (Oil Injection Kit can be ordered as an accessory)

**Carburetor:** PWK 36mm(125cc) / Keihin PXX 36mm

**Clutch:** Wet multi-disc 6-Spring

**Transmission:** 6-speed

**Final Drive:** O-ring chain

CHASSIS

**Frame:** Molybdenum steel/double cradle w/quick air filter access & push button seat removal

**Wheelbase:** 58.1"(125cc) / 58.3"

**Seat Height:** 36.6"

**Ground Clearance:** 12.8"(125cc) / 12.6"

**Footrest Height:** 16.1"(125cc) / 16"

**Steering Rake/Offset:** 27 degree rake/20mm offset

**Dry Weight:** 207 lbs (125cc) | 228 lbs. (wet weight, no fuel)

**Fuel Tank Capacity:** 2.55 US gallons

**Front Suspension:** 48 mm KYB AOS Closed Cartridge fork, adjustable compression & 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"

**Front Brake:** 260mm rotor

**Rear Brake:** 240mm rotor

**Front/Rear Rim:** 21" (Front) 18" (Rear)

**Front/Rear Tire:** Metzler Six Days

**Warranty:** 6 month Limited Warranty





RACE EDITION

# TECHNICAL SPECS

4-STROKE  
ENGINE 350 | 390 | 430 | 480

**Type:** All New Single cylinder, 4-valve, 4-stroke, liquid cooled, w/ electric start.

<b>Bore:</b> 88mm	88mm	95mm	100mm
<b>Stroke:</b> 57.4mm	63.4mm	60.8mm	60.8mm
<b>Displacement:</b> 349 cc	386cc	431cc	477.5cc
<b>Compression Ratio:</b> 13:1	12.5:1	12.33:1	12.1:1

**Ignition:** DC-CDI with dual map selection, Kokusan. 200 watt output at 6000 RPM.

**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 multi-disc

**Transmission:** 6-speed

**Final Drive:** O-ring chain

CHASSIS

**Frame:** Molybdenum steel/double cradle w/quick air filter access

**Wheelbase:** 58.7"

**Seat Height:** 37"

**Ground Clearance:** 12.6"

**Footrest Height:** 16.2"

**Steering Rake/Offset:** 26.5 degree rake/23mm offset

**Dry Weight:** 237 lbs. | 237 lbs. | 239 lbs. | 239 lbs.  
(wet weight, no fuel)

**Fuel Tank Capacity:** 2.4 US gallons

**Front Suspension:** 48 mm KYB AOS Closed Cartridge fork, adjustable compression & 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:** Metzler Six Days

**Warranty:** 6 month Limited Warranty



STREET-LEGAL OFF ROAD

# TECHNICAL SPECS

4-STROKE  
ENGINE 125

**Type:** Italian built single cylinder, 4 valve 4-stroke, liquid cooled

**Bore:** 52mm

**Stroke:** 58.6mm

**Displacement:** 124.6 cc

**Compression Ratio:** 11.2:1

**Ignition:** CDI (TCI)

**Spark Plug:** NGK CR8E

**Lubrication:** Oil pump w/cartridge oil filter

**Oil Capacity:** 1000 cc

**Carburetor:** Keihin 30 mm

**Clutch:** Wet multi-disc

**Transmission:** 6-speed

**Final Drive:** Chain

CHASSIS

**Frame:** Molybdenum steel/double cradle

**Wheelbase:** 55.5"

**Seat Height:** 36.4"

**Ground Clearance:** 13.2"

**Footrest Height:** 15.7"

**Dry Weight:** 224 lbs. (wet weight, no fuel)

**Fuel Tank Capacity:** 1.9 US gallons

**Front Suspension:** 41 mm USD fork

**Rear Suspension:** Steel body shock w/adjustable spring preload w/linkage

**Front Wheel Travel:** 10.2"

**Rear Wheel Travel:** 10.6"

**Final Gearing:** 14t front, 63t Rear

**Front Brake:** 260mm rotor

**Rear Brake:** 220mm rotor

**Front/Rear Rim:** 21" (Front) 18" (Rear)

**Front/Rear Tire:** Michelin Enduro (DOT Approved)

**Warranty:** 12 month Limited Warranty





STREET-LEGAL OFF ROAD

# TECHNICAL SPECS

4-STROKE  
ENGINE 350 | 390 | 430 | 500

**Type:** Single cylinder, 4-valve, (titanium intake and exhaust), 4-stroke, liquid cooled, cooling fan, electric start.

<b>Bore:</b> 88mm	88mm	95mm	100mm
<b>Stroke:</b> 57.4mm	63.4mm	60.8mm	60.8mm
<b>Displacement:</b> 349 cc	386cc	430.9cc	478cc
<b>Compression Ratio:</b> 13.19:1	12.5:1	12.33:1	11.86:1

**Ignition:** DC-CDI with dual map selection, Kokusan. 200 watt output at 6000 RPM.

**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 multi-disc

**Transmission:** 6-speed

**Final Drive:** O-ring chain

CHASSIS

**Frame:** Molybdenum steel/double cradle w/quick air filter access.

**Wheelbase:** 58.7"

**Seat Height:** 37"

**Ground Clearance:** 12.6"

**Footrest Height:** 16.3"

**Dry Weight:** 241 lbs. | 241 lbs. | 243 lbs. | 243 lbs.  
(wet weight, no fuel)

**Electrical:** Trail Tech Voyager GPS Unit

**Fuel Tank Capacity:** 2.4 US gallons

**Front Suspension:** 48 mm 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"

**Final Gearing:** 15t front, 48t Rear  
(Comes with a 13T front for off road use)

**Front Brake:** 260mm rotor

**Rear Brake:** 240mm rotor

**Front/Rear Rim:** 21" (Front) 18" (Rear)

**Front/Rear Tire:** Michelin Enduro (DOT Approved)

**Warranty:** 12 month Limited Warranty



# TECHNICAL SPECS

2-STROKE  
ENGINE 125 | 200 | 250 | 300 | 300 SS

**Type:** Beta-Built single cylinder, 2-stroke, liquid cooled.

<b>Bore:</b> 54mm	64mm	72.5mm	79mm	79mm
<b>Stroke:</b> 54.5mm	60.5mm	60.5mm	60.5mm	60.5mm
<b>Displacement:</b> 124.8cc	194.6cc	249.7cc	296.5cc	299cc
<b>Compression Ratio:</b> 15.9:1	11.8:1	9:1	10:1	10:1

**Ignition:** 12 volt, 110 watt w/ dual-map switch (aggressive or soft settings) (85watt 200cc)

**Spark Plug:** NGK GR7CI8 | NGK BR7ES (200cc only)

**Lubrication:** Pre-mix (Synthetic Oil)

**Carburetor:** Keihin PWK 28mm

**Clutch:** Wet multi-disc w/cush-drive basket

**Transmission:** 6-speed

CHASSIS

**Frame:** Aluminum beam, single wave Hydro-Formed w/built in fuel tank.

**Wheelbase:** 51.4"

**Seat Height:** 26" (32" Sport Model)

**Ground Clearance:** 12.2"

**Footrest Height:** 13.6"

**Dry Weight:** 145 lbs. (125cc/200cc) | 146 lbs. (250cc/300cc/ss300cc) | 148 lbs. (Sport Models)

**Fuel Tank Capacity:** . 75 US gallons (\*2 US Gallons Sport Models)

**Front Suspension:** 38mm Paioli

**Rear Suspension:** Adjustable single shock, aluminum bodied, including linkage.

**Front Wheel Travel:** 6.5"

**Rear Wheel Travel:** 7.1"

**Final Gearing:** 9t F, 43t R (125cc) | 11t F, 42t R (200cc) | 10t F, 42t R (250cc/300cc/ss300cc)

**Sport Model Final Gearing:** 10t F, 43t R (125cc) | 12t F, 41t R (200cc) | 11t F, 42t R (250cc) | 11t F, 42t R (300cc)

**Front Brake:** 185mm rotor w/ 4-piston caliper

**Rear Brake:** 160mm rotor w/ twin-piston caliper

**Front/Rear Rim:** 21" (Front) 18" (Rear)

**Front/Rear Tire:** Dunlop Trial (\*Shinko Knobby Sport Models)

**Warranty:** 6 month Limited Warranty



EVO

# TECHNICAL SPECS

4-STROKE  
ENGINE 300 | 300 Sport

**Type:** Single cylinder, 4-stroke, 4-valve, liquid-cooled.

**Bore:** 84mm

**Stroke:** 53.6mm

**Displacement:** 297.3cc

**Compression Ratio:** 11.5:1

**Ignition:** Electronic 12 volt w/ dual-map switch (aggressive or soft settings)

**Spark Plug:** NGK MR7BI-8

**Lubrication:** Internal oil pump w/ cartridge filter

**Carburetor:** Mikuni CV

**Clutch:** Wet multi-disc

**Transmission:** 5-speed

CHASSIS

**Frame:** Aluminum beam, single wave Hydro-Formed w/built in fuel tank.

**Wheelbase:** 51.4"

**Seat Height:** 26" | 32"(Sport Model)

**Ground Clearance:** 12.2"

**Footrest Height:** 13.6"

**Dry Weight:** 155.5 lbs | 158.5 lbs.(Sport Model)

**Fuel Tank Capacity:** .75 US gallons | 2 US Gallons(Sport Model)

**Front Suspension:** 38mm Paioli including hard-coated tubes

**Rear Suspension:** Adjustable single shock, aluminum bodied, including linkage.

**Front Wheel Travel:** 6.5"

**Rear Wheel Travel:** 7.1"

**Final Gearing:** 11t F, 42t R | 12t F, 42t R(Sport Model)

**Front Brake:** 185mm rotor w/ 4-piston caliper

**Rear Brake:** 160mm rotor w/ twin-piston caliper

**Front/Rear Rim:** 21" (Front) 18" (Rear)

**Front/Rear Tire:** Dunlop Trial | Shinko Knobby(Sport Model)

**Warranty:** 6 month Limited Warranty

EVO

FACTORY EDITION

# TECHNICAL SPECS

2-STROKE  
ENGINE 125 | 250 | 300

**Type:** Beta-Built single cylinder, 2-stroke, liquid cooled w/ reed valve.

<b>Bore:</b> 54mm	72.5mm	79mm
<b>Stroke:</b> 54.5mm	60.5mm	60.5mm
<b>Displacement:</b> 124.8cc	249.7cc	296.5cc
<b>Compression Ratio:</b> 15.9:1	9:1	10:1

**Ignition:** 12 volt, 110 watt w/ dual-map switch (aggressive or soft settings)

**Spark Plug:** NGK GR7CI8

**Lubrication:** Pre-mix (Synthetic Oil)

**Carburetor:** Keihin PWK 28mm

**Clutch:** Wet multi-disc w/cush-drive basket

**Transmission:** 6-speed

CHASSIS

**Frame:** Aluminum beam, single wave Hydro-Formed w/built in fuel tank.

**Wheelbase:** 51.4"

**Seat Height:** 26"

**Ground Clearance:** 12.2"

**Footrest Height:** 13.6"

**Dry Weight:** 143 lbs. | 145 lbs. | 146 lbs.  
(125cc) | (250cc) | (300cc)

**Fuel Tank Capacity:** .75 US gallons

**Front Suspension:** 38mm w/adjustable compression, rebound, and pre-load.

**Rear Suspension:** Adjustable single shock, aluminum bodied, including linkage.

**Front Wheel Travel:** 6.5"

**Rear Wheel Travel:** 7.1"

**Final Gearing:** 10t F, 42t R | 10t F, 42t R  
(125cc) | (250cc/300cc)

**Front Brake:** 185mm rotor w/ 4-piston caliper

**Rear Brake:** 160mm rotor w/ twin-piston caliper

**Front/Rear Rim:** 21" (Front) 18" (Rear)

**Front/Rear Tire:** Michelin X-Lite

**Warranty:** 6 month Limited Warranty



# **BETA** FACTORY EDITION TECHNICAL SPECS

## **4-STROKE ENGINE** 300

**Type:** Single cylinder, 4-stroke, 4-valve, liquid-cooled.

**Bore:** 84mm

**Stroke:** 53.6mm

**Displacement:** 297.3cc

**Compression Ratio:** 11:1

**Ignition:** Electronic 12 volt w/ dual-map switch (aggressive or soft settings)

**Spark Plug:** NGK CR7EB

**Lubrication:** Internal oil pump w/ cartridge filter

**Carburetor:** Mikuni CV

**Clutch:** Wet multi-disc

**Transmission:** 5-speed

## **CHASSIS**

**Frame:** Aluminum beam, single wave Hydro-Formed w/built in fuel tank.

**Wheelbase:** 51.4"

**Seat Height:** 26"

**Ground Clearance:** 12.2"

**Footrest Height:** 13.6"

**Dry Weight:** 155.5 lbs

**Fuel Tank Capacity:** .75 US gallons

**Front Suspension:** 38mm w/adjustable compression, rebound, and pre-load.

**Rear Suspension:** Adjustable single shock, aluminum bodied, including linkage.

**Front Wheel Travel:** 6.5"

**Rear Wheel Travel:** 7.1"

**Final Gearing:** 11t F, 42t R

**Front Brake:** 185mm rotor w/ 4-piston caliper

**Rear Brake:** 160mm rotor w/ twin-piston caliper

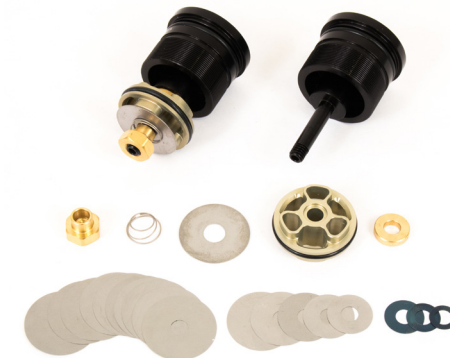
**Front/Rear Rim:** 21" (Front) 18" (Rear)

**Front/Rear Tire:** Michelin X-Lite

**Warranty:** 6 month Limited Warranty

## **Beta** FACTORY SUSPENSION

Beta has recently designed a simple new way to order suspension tailored for each individual rider. Once you are logged on the [betasuspension.com](http://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 insure your suspension is not damaged while in route to Beta USA.



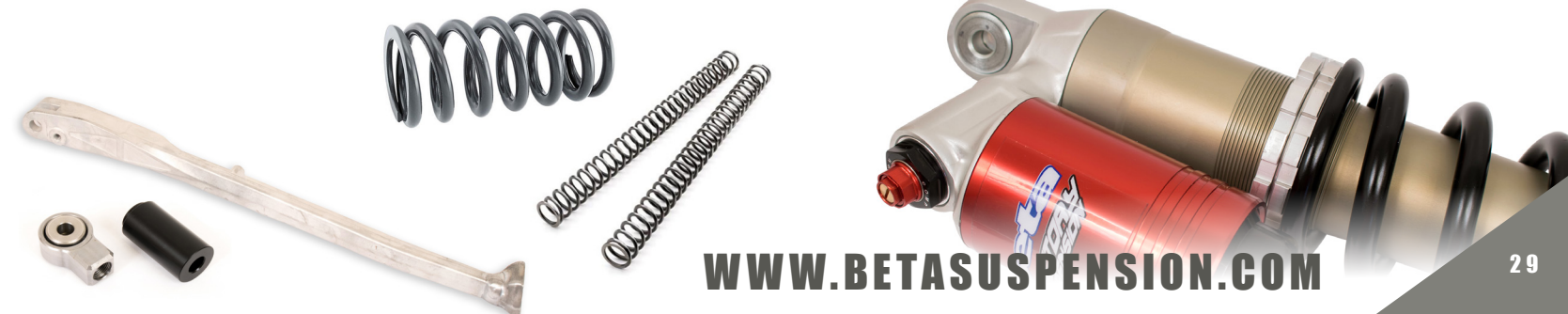
Support Package



Factory Package



Factory Pro Package



[WWW.BETASUSPENSION.COM](http://WWW.BETASUSPENSION.COM)





## **B.Y.O.B.** BUILD YOUR OWN BETA [WWW.BETAUSA.COM](http://WWW.BETAUSA.COM)

### **Chassis Parts**

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

### **Gearing & Rotors**

Upgrade your sprockets, brake rotors, and more.

### **Engine Add-ons**

Radiator fans, billet caps, parts and more!

### **Finish Details**

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

### **Wheels & Tires**

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



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!

## **FACTORY DEMO TOUR**



Want to test ride a Beta?

Now you can. The Beta USA Factory Demo Tour kicked off earlier this year and is now traveling around the United States with 25 different locations planned for this year. Participants can choose to ride one of 15 different models including: Street-Legal Off Road, Off Road, Race Editions, and Evo Trials.

Sign up for your demo day at: **[WWW.BETAUSA.COM](http://WWW.BETAUSA.COM)**





#### Legal Disclaimer

Beta USA reserves the right, without prior notice and without specifying reasons, to amend any technical specifications, fittings, scope of supply, colors, design, materials, services, offered and provided, etc., or to discontinue any accessory without replacement, or to stop manufacturing any particular product altogether. Do not attempt to imitate the depicted riding scenes. The riders shown are professional motorcycle riders in closed course or designated riding areas.

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.

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**Beta**  
motorcycles

***Rideability***



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