



Beta
motorcycles



Hand-crafted in Italy

OFF ROAD TRIAL

2017

Rideability

DUAL SPORT

ENTRY LEVEL

- Industry-Leading, designed for “Fun”
- Electronic Oil Injection eliminates the need to pre-mix fuel.
- No-Hit 300cc engine for maximum traction and less intimidation
- Low 35.8” seat height
- 15% smaller chassis than RR models
- Same brake package as RR models
- Plastic skid plate
- Electric Start

TRAINER



- Electronic oil injection eliminates the need to premix fuel
- Electric starter with back up kick starter
- New meter that now includes battery voltage
- Dual Map ignition with wet or dry settings
- FMF exhaust system

RR

OFF ROAD

250 / 300
2 stroke



OFF ROAD RACE

250 / 300
2 stroke



RACE EDITION FEATURES:

- Second generation Sachs Closed Cartridge front fork
- Beta Factory hand guards
- Extra wide aluminum footpegs
- Dual Map ignition with wet or dry settings
- New machined triple clamps are lighter
- Special graphics and seat cover with pouch
- Dual material rear sprocket for longevity
- Billet aluminum oil filler plug and chain blocks



RR

OFF ROAD RACE

350 / 390 / 430 / 480
4 stroke



Our new Race Edition models are designed for the serious racer or the casual rider looking for a more aggressive bike. The Race Editions are a limited production model and are available in six different versions for 2017.

STREET LEGAL OFF ROAD

125 / 350 / 390 / 430 / 500 RR-S
4 stroke

RRS
DUALSPORT



125 RR-S



500 RR-S

STREET LEGAL OFF ROAD

- Electronic Fuel Injection
- 50-state street legal
- Full-featured dual sport
- Same engine and suspension updates as the RR models
- Voyager GPS unit with maps, engine temp, outside temp, trip meter, and much more
- Plastic skid plate
- Larger battery for better hot starting
- Flag-style hand guards
- 200 watt high output stator
- More than 300 accessories available to “Make It Your Own”
- Electric Start

RRS
DUALSPORT

350 & 390
models also
available for
2017



YOUTH TRIAL



Minitrial E 16"
for ages 5-9



Minitrial E 20"
for ages 8-12

Minitrial E

- Aluminum Frame, lightest in class
- Hydraulic disc front and rear brakes
- Multiple speed settings to choose from
- High quality suspension
- "Seamless" power delivery with no hesitation
- Two sizes available

Evo 80's

- Hydraulic brakes, same as the larger Evo models
- Most dependable youth trial bike on the market
- 2-stroke liquid cooled engine
- Hydraulic clutch
- Two sizes available



Evo 80 Jr
for ages 9-12



Evo 80 Sr
for ages 11-15



The EVO logo is rendered in a stylized, italicized font with a red-to-white gradient and a black outline, set against a black background.The word "TRIAL" is written in a large, bold, white, sans-serif font on a black rectangular background.

Evo 125

- **New styling for 2017**
- **Perfect starter bike yet also ideal for experienced riders**
- **Hydraulic clutch**
- **6 speed transmission**
- **Easy to start**

Evo 200

- **Built in limited numbers**
- **Great bike for all levels**
- **Only 200cc Trial in class**

Evo 250/300

- **New styling for 2017**
- **Dual Map ignition**
- **Hard coated fork tubes for less friction**

#1 selling models in the USA

2 Stroke 125 / 200



2 Stroke 250 / 300

TRIAL

4 Stroke 250 / 300

EVO

- **Legendary Beta durability**
- **8 lbs. lighter than the other 4 stroke competitor's offerings**
- **Ultra quiet**



EVO**SS TRIAL**
2 Stroke 300

The SS or “Super Smooth” was designed to provide riders with a bike that provides the torque of a traditional 300 but less abruptness. This combination makes the bike easier to ride in sections for the more mature rider.

Same specs as the standard Evo 300 but with these features:

- *Special exhaust system that is quieter*
- *Larger flywheel to provide more torque*
- *Different Ignition programming*
- *Slow-turn throttle*
- *Different cylinder head*

All to provide a slower engine with less power-pulses



Sport

Evo Sport equals FUN!

Starting with their standard Evo models (see specs page), Beta USA added all the right features to create the ultimate low speed trail bike. Two gallons of fuel, trail seat, handguards, taller gearing and knobby tires complete the package.

Items included with all Evo Sport models:

- Long Range fuel tank with built-in seat for trail riding
- Front fender lift kit to prevent mud packing into fender
- Distance meter mounted on handlebars
- Larger countershaft sprocket for casual trail riding
- Beta hand guards
- Special graphics
- Knobby tires

2 stroke:
125 / 200 / 250 / 300

4 stroke:
250 / 300



BETA

EVO 125/200 2 stroke

Engine: Single cylinder, 2-stroke liquid cooled, w/reed valve
Bore: 54mm/64mm
Stroke: 54mm/60.5mm
Displacement: 124cc/194.6cc
Compression Ratio: 14:1/11.8:1
Ignition: Electronic Hidria 12V - 110W / Electronic 12 volt, 85 watt
Spark Plug: NGK GR7CI8
Lubrication: Pre-mix (synthetic oil)
Carburetor: Keihin PWK 28mm
Clutch: Wet multi-disc w/ cush-drive basket
Primary Ratio: 20:71
Transmission: 6-speed
Final Gearing: Chain
Engine Oil: SAE 10W/30 (550cc)

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: 145 lbs. dry
Fuel Tank Capacity: .75 US gallons
Front Suspension: 38 mm Paioli hard-coated tubes
Rear Suspension: Aluminum-bodied including linkage. Adjustable dampening
Front Wheel Travel: 6.5"
Rear Wheel Travel: 7.1"
Final Gearing: 9t front, 43t rear/ 11t front, 42t rear
Front Brake: 185mm rotor with 4-piston caliper
Rear Brake: 160mm rotor with twin piston caliper
Front/Rear Rim: 21" (Front) 18" (Rear)
Front/Rear Tire: Michelin Trial
Warranty: 6 month limited warranty

EVO 250/ 300 2 stroke

Engine: Single cylinder, 2-stroke liquid cooled, w/ reed valve
Bore: 72.5mm/79mm
Stroke: 60.5mm
Displacement: 249.7cc/299cc
Compression Ratio: 8.9:1/10:1
Ignition: Electronic Hidria 12V - 110W
Spark Plug: NGK GR7CI8
Lubrication: Pre-mix (synthetic oil)
Carburetor: Keihin PWK 28mm
Clutch: Wet multi-disc w/ cush-drive basket
Primary Ratio: 20:71
Transmission: 6-speed
Final Gearing: Chain
Engine Oil: SAE 10W/30 (550cc)

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: 146 lbs. dry
Fuel Tank Capacity: .75 US gallons
Front Suspension: 38 mm Paioli hard-coated tubes
Rear Suspension: Aluminum-bodied including linkage. Adjustable dampening
Front Wheel Travel: 6.5"
Rear Wheel Travel: 7.1"
Final Gearing: 10t front, 42t rear
Front Brake: 185mm rotor with 4-piston caliper
Rear Brake: 160mm rotor with twin piston caliper
Front/Rear Rim: 21" (Front) 18" (Rear)
Front/Rear Tire: Michelin Trial
Warranty: 6 month limited warranty

EVO 250/300 4 stroke

Engine: Single cylinder, 4-stroke, 4 valve, liquid cooled
Bore: 77mm/ 84 mm
Stroke: 53.6mm/53.6mm
Displacement: 249.6cc/297.3cc
Compression Ratio: 11.5:1
Ignition: Electronic 12 volt, 85 Watt w/ dual control switch (aggressive or soft settings)
Spark Plug: NGK CR7EB
Lubrication: internal oil pump with cartridge filter
Carburetor: Mikuni CV
Clutch: Wet multi-disc w/ cush-drive basket
Primary Ratio: 18:63
Transmission: 5-speed
Final Gearing: Chain
Engine Oil: SAE 15W/50 synthetic (900cc)

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. dry
Fuel Tank Capacity: .75 US gallons
Front Suspension: 38 mm Paioli hard-coated tubes
Rear Suspension: Aluminum-bodied including linkage. Adjustable dampening
Front Wheel Travel: 6.5"
Rear Wheel Travel: 7.1"
Final Gearing: 11t front, 42t rear
Front Brake: 185mm rotor with 4-piston caliper
Rear Brake: 160mm rotor with twin piston caliper
Front/Rear Rim: 21" (Front) 18" (Rear)
Front/Rear Tire: Michelin Trial
Warranty: 6 month limited warranty

300 Xtrainer

Engine:

Beta-Built single cylinder, 2-stroke, liquid cooled, with BPV power valve system and electric start.

Bore: 72mm

Stroke: 72mm

Displacement: 293.1cc

Compression Ratio: 11.3:1

Exhaust Valve Beta Progressive Valve (BPV)

Ignition: AC-CDI Kokusan

Spark Plug: NGKGR7C18

Lubrication: Electronic Oil Injection

Fuel System: Keihin PWK 36mm

Clutch: Wet multi-disc

Transmission: 6-speed

Final Drive: Drive chain

Chassis:

Frame: Molybdenum steel/Parameter-Style w/quick air filter access.

Wheelbase: 58.1"

Seat Height: 35.8"

Ground Clearance: 12.6"

Footrest Height: 15.4"

Wet Weight/No Fuel: 218 lbs.

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

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

250/300 RR 2 stroke/Race Edition

Engine:

Beta-Built single cylinder, 2-stroke, liquid cooled, BPV power valve, electric start with back up kick starter.

Bore: 66.4mm/72mm

Stroke: 72mm/72mm

Displacement: 249cc /293.1cc

Compression Ratio: 12.8:1 / 12:1

Exhaust Valve: Beta Progressive Valve (BPV)

Ignition: AC CDI Kokusan, ignition timing, Kokusan

Spark Plug: NGK BR7ES

Lubrication: **Electronic Oil Injection**/Premix (on Race Editions)

Oil Tank Capacity: 650cc

Carburetor: Keihin PXX 36mm

Clutch: Wet multi-disc

Primary Ratio: 28:70

Transmission: 6-speed

Final Drive: O-ring chain

Chassis:

Frame: Molybdenum steel with double cradle split above exhaust port.

Quick Air filter access from the side.

Wheelbase: 58.3"

Seat Height: 36.6"

Ground Clearance: 12.6"

Footrest Height: 16"

Wet Weight/No Fuel: 224 lbs.

Fuel Tank Capacity: 2.5 US gallons

Front Suspension: 48 mm Sachs USD fork, adjustable compression & rebound, TFX technology/Closed Cartridge Racing Forks (on Race Editions)

Rear Suspension: New Aluminum Body Sachs shock with adjustable rebound, hi/low speed compression

Front Wheel Travel: 11.6"

Rear Wheel Travel: 11.4"

Final Gearing: 13t front, 49t rear

Front Brake: 260mm floating rotor

Rear Brake: 240mm rotor

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

Front/Rear Tire: Michelin Enduro Competition

Warranty: 6 month Limited Warranty

350/390/430/480 RR-S EFI 4 stroke/Race Edition

Engine:

Beta-Built single cylinder,
4-valve, 4-stroke liquid cooled,
electric start with back up kick starter.
Bore: 88mm/88mm/95mm/100mm
Stroke: 57.4mm/63.4mm/60.8mm/ 60.8mm
Displacement: 349cc/386cc/431cc/477.5cc
Compression Ratio: 13:1/12.5:1/11.92:1/12.1:1
Ignition: DC-CDI with variable, ignition timing, Kokusan, **200 watt output at 6000 RPM**
Spark Plug: NGK LKAR8A-9
Lubrication: Twin oil pumps with cartridge oil filter. Separate oil for engine and clutch .8 liter each
Fuel System: **42mm Electronic Fuel Injection**
Clutch: Wet multi-disc
Primary Ratio: 28:76/ 28:76/ 31:73/ 31:73
Transmission: 6-speed
Final Drive: O-ring chain

Chassis:

Frame: Molybdenum steel with
double cradle split above exhaust port.
Quick Air filter access from the side.
Wheelbase: 58.7"
Seat Height: 36.6"
Ground Clearance: 12.6"
Footrest Height: 16"
Wet Weight/No Fuel: 235 lbs.
Fuel Tank Capacity: 2 US gallons
Front Suspension: 48 mm Sachs USD fork, adjustable
compression & rebound, TFX technology/(Closed Cartridge Racing Forks (on Race Editions)
Rear Suspension: New Aluminum Body Sachs shock with
adjustable rebound, hi/low speed compression
Front Wheel Travel: 11.6"
Rear Wheel Travel: 11.4"
Final Gearing: 15t front, 48t rear - 13/50 (350 Race Edition), 13/49 (390 Race Edition), 13/49 (430 & 480 Race Edition)
Front Brake: 260mm Wave rotor
Rear Brake: 240mm Wave rotor
Front/Rear Rim: 21" (Front) 18" (Rear)
Front/Rear Tire: Michelin Enduro
Warranty: 12 month Limited Warranty / 6 month Limited Warranty

125 RR-S

Engine:

Italian built single cylinder, 4 valve 4-stroke, liquid cooled
Bore: 52 mm
Stroke: 58.6 mm
Displacement: 124.45cc
Compression Ratio: 11.2:1
Ignition: (TCI) |
Spark Plug: NGK CR8E
Lubrication: Oil pump w/cartridge oil filter Oil Capacity 1000 cc
Oil Tank Capacity: 650cc
Carburetor: Mikuni 26 mm
Clutch: Wet multi-disc
Transmission: 6-speed
Final Drive: Chain

Chassis:

Frame: Molybdenum steel/double cradle
Wheelbase: 56.7"
Seat Height: 35" (with 25mm of static sag)
Ground Clearance: 13"
Footrest Height: 15.7"
Wet Weight/No Fuel: 234 lbs.
Fuel Tank Capacity: 1.6 US gallons
Front Suspension: 41 mm USD fork
Rear Suspension: Steel body shock w/adjustable spring preload
Front Wheel Travel: 10.3"
Rear Wheel Travel: 10.6"
Final Gearing: 14t front, 63t rear
Front Brake: 260mm floating rotor
Rear Brake: 220mm rotor
Front/Rear Rim: 21" (Front) 18" (Rear)
Front/Rear Tire: Michelin Enduro Competition (DOT Approved)
Warranty: 12 month Limited Warranty

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!



Beta
motorcycles

KENDA

Beta
FACTORY SUSPENSION

MOTUL

FNE
SO. CALIF.

HSC
PARTS & CRAFTSMAN

FOX
RACING SHOX

for parts, accessories and more information on our BYOB program, go to www.betausa.com