

2023
EVO
FACTORY

2-STROKE / 125 / 200 / 250 / 300

Trials

POLISH AND PERFORMANCE

DETAILS

The Beta Evo Factory Editions feature a 38mm front fork with adjustable compression, rebound, and spring preload. The rear suspension benefits from an aluminum body shock with adjustable compression, rebound and spring preload with linkage.



FEATURES

- » Increased Power
- » Tight Turning Radius
- » Profiled Clutch Disc
- » Machined Foot Pegs
- » Galfer Racing Brake Discs
- » Michelin X-Light Tire
- » New Optimized Radiator Grill
- » Domino Grips
- » Fully Adjustable Fork & Shock for Compression and Rebound Dampening and Billet Machined Triple Clamps



EVO
FACTORY

EVO 4-STROKE / 300

FEATURES

- » Michelin X-Light Tires
- » Black Anodized Chain Adjusters
- » Rear Suspension Linkage
- » Machined Foot Pegs
- » Landyard Type Kill Switch
- » BrakTec Brake & Clutch Pumps
- » Titanium Muffler & Carbon Fiber Exhaust Guard
- » Five Speed Transmission



DETAILS

The 300cc engine on 4-Stroke Evo Factory is equipped with a lighter and even higher performing titanium silencer. Additionally the electronic control unit boosts power to improve the stability of the ignition delivery which creates a more clean burning combustion throughout the rev range.



Rideability

Beta motorcycles

TECHNICAL SPECS



ENGINE SPECS

Engine	2-Stroke - 125 200 250 300
Type	Single cylinder, 2-stroke, liquid cooled w/ reed valve
Bore	54mm 64mm 72.5mm 79mm
Stroke	54.5mm 60.5mm 60.5mm 60.5mm
Displacement	124.8cc 194.6cc 249.7c 296.5cc
Compression Ratio	15.9:1 11.8:1 9:1 10:1
Ignition	12 volt, 110 watt with dual-map switch (aggressive or soft settings)
Spark Plug	NGK GR7CI8 NGK BR7ES (200cc)
Lubrication	Pre-mix (Synthetic Oil)
Carburetor	Keihin PWK 28mm
Clutch	Wet multi-disc with cush-drive basket
Transmission	6 Speed

**This model is for competition use only

CHASSIS SPECS

Frame	Aluminum beam, single wave, Hydro-formed with built in fuel tank
Wheelbase	51.4"
Seat Height	26"
Ground Clearance	12.2"
Footrest Height	13.6"
Dry Weight <small>(wet weigh, no fuel)</small>	143lbs. 144lbs. 145lbs. 145 lbs.
Fuel Tank Capacity	.75 US Gallons
Front Suspension	38mm w/ adjustable compression & rebound
Rear Suspension	Adjustable single shock w/ adjustable compression and rebound, including linkage.
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	Michelen XLite Trial
Warranty	6 Month Limited Warranty



ENGINE SPECS

Engine	4-Stroke - 300
Type	Single cylinder, 4-stroke, 4-valve, liquid cooled w/ reed valve
Bore	84mm
Stroke	53.6mm
Displacement	297.3cc
Compression Ratio	10.5:1
Ignition	Electronic 12 volt, 85 watt with dual-map switch (aggressive or soft setting)
Spark Plug	NGK MR7BI8 IR
Lubrication	Internal oil pump w/ cartridge filter
Carburetor	Mikuni CV
Clutch	Wet multi-disc w/ cush-drive basket
Transmission	5 Speed

**This model is for competition use only

CHASSIS SPECS

Frame	Aluminum beam, single wave, Hydro-formed with built in fuel tank
Wheelbase	51.4"
Seat Height	26"
Ground Clearance	12.2"
Footrest Height	13.6"
Dry Weight <small>(wet weigh, no fuel)</small>	155.5 lbs. dry
Fuel Tank Capacity	.75 US Gallons
Front Suspension	38mm w/ adjustable compression and rebound
Rear Suspension	Single shock w/ adjustable compression and rebound, including linkage
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	Michelen X-Lite Trial
Warranty	6 Month Limited Warranty

VISIT [BETAUSA.COM](https://www.betausa.com) FOR MORE DETAILS

*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