

2-STROKE / 125 / 200 / 250 / 300

<u>Trials</u>

# FACTORY POWER FACTORY POLISH

#### 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



#### FEATURES

- » Increased Power
- » Tight Turning Radius
- » Profiled Clutch Disc
- » Titanium Header Pipe
- » Machined Foot Pegs
- » Galfter Racing Brake Discs
- » Michelin X-Lite Tires
- » Fully Adjustable Fork and Shock for Compression and Rebound Dampening and Billet Machined Triple Clamps



## FACTORY EVO 4-STROKE / 300

#### FEATURES

- » Michelin X-Lite 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



Rideability

#### 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.



### **TECHNICAL SPECS**



ENGINE	SPECS	;		
Engine	2-Stroke - 125   200   250   300			
Туре	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) (85 watt on 200cc)			
Spark Plug	NGK GR7	NGK GR7CI8   NGK BR7ES (200cc only)		
Lubrication	Pre-mix	Pre-mix (Synthetic Oil)		
Carburetor	Keihin PWK 28mm			
Clutch	Wet multi-disc with cush-drive basket			
Transmission	6 Speed			

	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 (wet weigh, no fuel)	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 (125)   11t front, 42t rear (200) 10t front, 42t rear (250, 300)
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	ENGINE SPECS			
Engine	4-Stroke - 300			
Туре	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			

	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 (wet weigh, no fuel)	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 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**