



2016 500 RS

## Engine

Type:	Single cylinder, 4-valve, (steel intake and exhaust) 4-stroke liquid cooled, electric start with back up kick starter and cooling fan kit.
Bore:	100mm
Stroke:	60.8mm
Displacement:	478cc
Compression Ratio:	12.1:1
Ignition:	DC-CDI with variable ignition timing, Kokusan. <b>200 watt output at 6000 RPM</b>
Spark Plug	NGK LKAR8A-9
Lubrication:	Twin oil pumps with cartridge oil filter. Separate oil for engine and clutch .8 liter each
<b>Fuel System:</b>	<b>42mm Electronic Fuel Injection</b>
Clutch:	Wet multi-disc
Primary Ratio:	31:73
Transmission:	6-speed
Final Drive:	O-ring chain, DID

## Chassis

Frame:	Molybdenum steel with double cradle split above exhaust port. Quick Air filter access from the side.
Wheelbase:	58.1"
Seat Height:	36.6"
Ground Clearance:	12.6"
Footrest Height:	16.25"
Dry Weight:	244 lbs. dry
Electrical:	Trail Tech Voyager GPS unit.
Fuel Tank Capacity:	2 US gallons
Front Suspension:	48 mm Sachs USD fork, adjustable compression and rebound, TFX technology.
Rear Suspension:	Aluminum Body Sachs shock w/adjustable rebound and hi/low speed compression
Front Wheel Travel:	11.4"
Rear Wheel Travel:	11.4"
Final Gearing:	15t front, 48t rear
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

**MSRP: \$9799.00**

\*specifications 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.

