



2023 – 500 RR-S / 4-Stroke Specifications

ENGINE

Type	Single cylinder, 4 –stroke, liquid cooled, 4-valve (Titanium intake and steel exhaust), cooling fan, electric start. (back up kick starter as an option)
Bore	100mm
Stroke	60.8mm
Displacement	477.5cc
Compression Ratio	11.86:1
Valve Train	Titanium Intake & Steel Exhaust
Ignition	Dual-Map Kokusan 200w output On-Demand Traction Control
Spark Plug	NGK LKAR8A-9
Lubrication	Twin Oil Pumps w/Cartridge Filter & Separate Compartments For Engine & Transmission
Fuel System	42mm Throttle Body w/Dual Injectors
Clutch	Wet Diaphragm-style
Transmission	6 Speed
Final Drive	O-ring chain
Traction Control	On-Demand w/ push of a button
MSRP	\$11,799
Warranty	12 Months Limited Warranty

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	243 lbs (wet weight, no fuel)
Fuel Tank Capacity	2.4 US Gallons
Front Suspension	48 mm Sachs Open Cartridge with compression, rebound & spring preload adjustment
Rear Suspension	Aluminum Body Sachs shock w/adjustable rebound and hi/low speed compression
Final Gearing	15T Front/48T Rear (comes w/ 13T front for off road use)
Front Wheel Travel	11.6"
Rear Wheel Travel	11.4"
Front Brake	260 mm floating rotor
Rear Brake	240 mm rotor
Front/Rear Rim	21" (Front) 18" (Rear)
Front/Rear Tire	DOT Maxxis Enduro
Electrical	Trail Tech Voyager GPS unit



*Specifications subject to change without notice
Additional information on all models including manuals, accessories, and parts books are available online at www.betausa.com under the support tab

