



2024 – 500 RS | 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

