



## 2005 Model Information

MODEL CODE: **EN500-C10**

MODEL NAME: **Vulcan 500**



### **EN500 Vulcan 500** *KEY POINTS:*

- 498cc Twin Cylinder, DOHC Engine
- Liquid-Cooling
- 4-Valve Cylinder Head
- Silent Cam Chain
- Automatic Cam Chain Tensioner
- Transistor Controlled Breakerless Ignition
- Digital Timing Advance
- Dual 32mm CVK Carburetors
- Straight Flow Exhaust
- Gear Driven Engine Balancer
- 6-Speed Transmission with Positive Neutral Finder
- Disc Front Brake
- Chrome Plated Wire Spoke Wheels
- Tank Mounted Speedometer

# **Vulcan 500** *FEATURES AND BENEFITS:*

## **498cc, TWIN CYLINDER, DOHC ENGINE**

Compact parallel twin design based on the GPZ500 engine.  
Special cam profiles and lots of flywheel effect boost low-end torque.  
Lower compression for smooth low-speed power delivery.

## **LIQUID-COOLING**

Maintains consistent engine temperatures for long engine life and sustained power during hard use.  
Water jackets insulate engine noise for quieter running.  
Includes temperature warning light.  
Radiator hides between the frame down tubes.

## **4-VALVE CYLINDER HEAD**

Better breathing for improved power at high rpm.  
Boosts low end torque.

## **TCBI WITH DIGITAL ADVANCE**

Microprocessor controlled timing, never needs adjustment; ultra responsive to the engine's needs.  
Waterproof wiring connections help prevent washing problems.

## **SILENT CAM CHAIN**

Runs quietly, reliably

## **AUTOMATIC CAM CHAIN ADJUSTER**

Maintains precise timing without adjustment.  
Assures greater reliability.

## **GEAR DRIVEN ENGINE BALANCER**

Engine vibrations are reduced for a smoother ride.

## **STRAIGHT FLOW EXHAUST**

The straight flow exhaust boosts low and mid-range power.  
Small diameter header pipes boost low speed pulling power.

## **TRANSMISSION**

### **SIX-SPEED TRANSMISSION**

A gear for every situation, from short city streets to cruising down the open road.  
Allows more relaxed highway cruising.

## **CHASSIS**

### **DOUBLE CRADLE STEEL FRAME**

The frame features round section high tensile steel tubing for rigidity, handling and comfort.

### **SINGLE DISC FRONT BRAKE**

Single piston caliper produces quick dependable stopping power.  
Disc is drilled for better cooling and reduced unsprung weight.

### **TANK MOUNTED SPEEDOMETER AND WARNING LAMPS**

Tank mounted warning lamps with LED neutral indicator light that lasts longer stays cooler.  
Gives the rider information at a glance.  
Compact design compliments the bike's clean look.  
Locking fuel cap.

### **STEPPED SEATING**

Laid back riding comfort for two.

## **CHROME PLATED WIRE SPOKE WHEELS**

Narrow 100/90-19 front tyre and a beefy 140/90-15 rear tyre complements the EN500's traditional styling.

### **SPECIFICATIONS EN500-C10**

Engine type.....4-stroke, liquid-cooled, twin cylinder  
Displacement.....498 cc  
Bore & stroke.....74 x 58 mm  
Compression ratio .....10.2:1  
Valve system .....DOHC, 8 valves  
Maximum power .....34 kW (46 PS) 8,000 / rpm  
Maximum torque .....45 N-m (4.5 kgf-m) / 6,000 rpm  
Fuel system .....2 x Keihin CVK32 carburettor  
Ignition .....Battery/Coil transistorised  
Starting system .....electric  
Transmission.....6-speed  
Frame type .....steel double cradle  
Rake / trail .....33° / 151 mm  
Suspension, front.....telescopic fork  
Suspension, rear .....swingarm with dual shock absorbers  
Wheel travel, front / rear .....150 mm / 100 mm  
Tyre, front .....90 / 90 19  
Tyre, rear.....140 / 90 15  
Brake, front .....single disc with single piston caliper  
Brake, rear .....Drum  
L x W x H.....2,320 x 830 x 1,125 mm  
Wheelbase .....1,595 mm  
Seat height.....715 mm  
Fuel capacity .....15 litres  
Dry weight.....199 kg  
Colours.....Sonic Blue

The specifications mentioned here apply to and have been achieved by production models under standard operating conditions. We intend only to give a fair description of the vehicle and its performance capabilities but these specifications may not apply to every machine supplied for sale.

Kawasaki Heavy Industries, Ltd. reserves the right to alter specifications without prior notice. Equipment illustrated and specifications may vary to meet individual markets.

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