

Vulcan S ABS



ACTIVE SPORT
CRUISER



650CC SPORT CRUISER THAT IS DESIGNED TO TACKLE EVERY CORNER & TURNS

The Vulcan S is not our average cruiser.

It stands apart, with its powerful Parallel Twin engine, unique frame and suspension layout, and its very non-traditional looks.

Designed for independent-minded riders, it does not require the rider to conform to any heard-mentality fashion or lifestyle. Special attention paid to ensuring high level of fit & comfort, and confidence in riding makes the new Vulcan an attractive option for new and female riders who are looking for a stylish, performance sport cruiser.



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Liquid-cooled, DOHC, 8-valve 649cc Parallel Twin with fuel injection

The engine was tuned for rider-friendly power characteristics that will inspire confidence in new riders. The Vulcan S offers a smooth start from a standstill, smooth acceleration, and a satisfying pull when accelerating.

The triangular layout of the crankshaft and transmission shafts makes the engine very short from front-to-back.

Confidence In Riding

Both the engine and chassis were designed to offer new riders confidence. The compact Parallel Twin engine has a very accommodating character, delivering feel good power and easy to control. Thanks to the compact design of the engine, the model receives a slimmer and more lightweight chassis. Light, easy handling is complemented by a reassuring low seat height and a slimmer design that makes it super stable when taking tight corners.



Frame

- The design of the frame, rear suspension and swingarm creates an integrated line running from the front of the bike to the rear hub.
- Elegant pipe perimeter frame is a key component of the Vulcan S identity. The bike's bodywork accentuates the frame, rather than hiding it.



Offset laydown rear single-shock suspension is a distinctive and trend-setting styling element.

The swingarm's D-shaped cross-section gives it a pipe-like design that matches the frame, and contributes to the high-quality appearance.



- Finishing on the cylinder head is similar to air-cooled fins, contributing to an aggressive appearance.
- Slim radiator design matches the cruiser-style image.
- Attractive bend of the exhaust pipes and the under-engine muffler arrangement contributes to the Vulcan S attractive styling.





Fit & Comfort

Feel the comfort in every ride.

The Vulcan S was designed too be accomodating for a wide range of riders from short to tall. Complementing the relaxed riding position, adjustable footpegs and levers, and a number of accessory components allows its riders to custom-fit their bike to suit size and preferences.

- Low seat height is reassuring in stop-and-go city traffic.
- Higher ground clearance.
- Thickly-padded sculpted seat offers great hip support.
- Relaxing, foot-forward riding position.
- Adjustable 3-position footpegs (standard, 25mm forward, 25mm back)
- Adjustable clutch/brake levers.
- Numerous accessories enable an even better fit & comfort.



- Rounded turn signals fore and aft matches the bike's overall design.
- Inner fender unitised with the chain cover contributes to the stylish design.
- Metal plates added to various components, including the radiator shrouds cylinder head cover and swingarm pivot cover, contribute to the high-quality image.



Styling Elements

- Curved, flowing style blended with a powerful, long-and-low stance and modern elements creates a unique, eye-catching design.
- Inverted triangle shaped headlamp contributes to the Vulcan S fresh and unique design.
- Tapered headlebar is fatter in the middle, contributing to a strong appearance of the handle area.
- New teardrop-styled fuel tank adds a cruiser-style touch.

MODEL SPECIFICATIONS

ENGINE

Type	Liquid-cooled, 4-stroke, Parallel Twin, DOHC
Displacement	649 cc
Bore x Stroke	83.0 x 60.0 mm
Compression Ratio	10.8:1
Fuel Supply	Fuel Injection
Lubrication System	Forced Lubrication, Semi-dry sump
Starting System	Electric Starter
Ignition System	B&C (TCBI, B. P&EL. ADV)

FRAME

Type	Tubular, Diamond
Suspension:	Front: Telescopic Fork
	Rear: Horizontal Back-link SWG. ARM
Wheel Travel:	Front: 130 mm
	Rear: 80 mm
Caster (Rake Angle)	31.0
Trail	120 mm
Steering Angle (left/right)	35/35
Tyre:	Front: 120/70 R18M/C (59H)
	Rear: 160/60 R17M/C (69H)
Brake:	Front: Single disc (272 mm)
	Rear: Single Disc (216 mm)

DIMENSIONS

Overall Length	2,310 mm
Overall Width	880 mm
Overall Height	1,100 mm
Wheelbase	1,575 mm
Ground Clearance	130 mm
Seat Height	705 mm
Curb Mass	229 kg
Fuel Capacity	14 litres

DRIVETRAIN

Driving System	Chain
Transmission	6-speed, Return Shift
Primary Reduction ratio	2.095 (88/42)
Final Reduction ratio	3.067 (46/15)
Clutch Type (Primary)	Wet, Multi-disc

PERFORMANCE

Max. Power	44.7 kW / 7,500 rpm
Max. Torque	62.4 Nm / 6,600 rpm

LIGHT

Headlight (High/Low)	LED/LED
Brake/Tail Light	LED

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Pearl Matte Sage Green



Metallic Flat Spark Black

* Specifications are subject to change without prior notice

** Pictures displayed are for illustration purposes only. Actual product may vary.

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Kawasaki Technology



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