

**V-STRUM 1050 XT**

**V-STRUM 1050**





# THE MASTER OF ADVENTURE

**V-STROM 1050/XT**

Lets you freely escape into the wilderness and explore to your heart's content.

A sleek look with the latest features allows for a smooth and comfortable ride.

Limitless potential to continue your adventure.

Ride on my friend.

The new generation V-STROM 1050/XT is always by your side.

## EXPLORATION HAS NO LIMITS.





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# DESIGN IS IN OUR DNA

## New Styling

The distinctive styling incorporates elements of both Suzuki's legendary DR-Z desert racer and the large off-road model DR-BIG. The characteristic beak design first adopted by Suzuki stays true to Suzuki's heritage while also further evolving the design to be more aggressive and bolder for the new generation V-STROM.



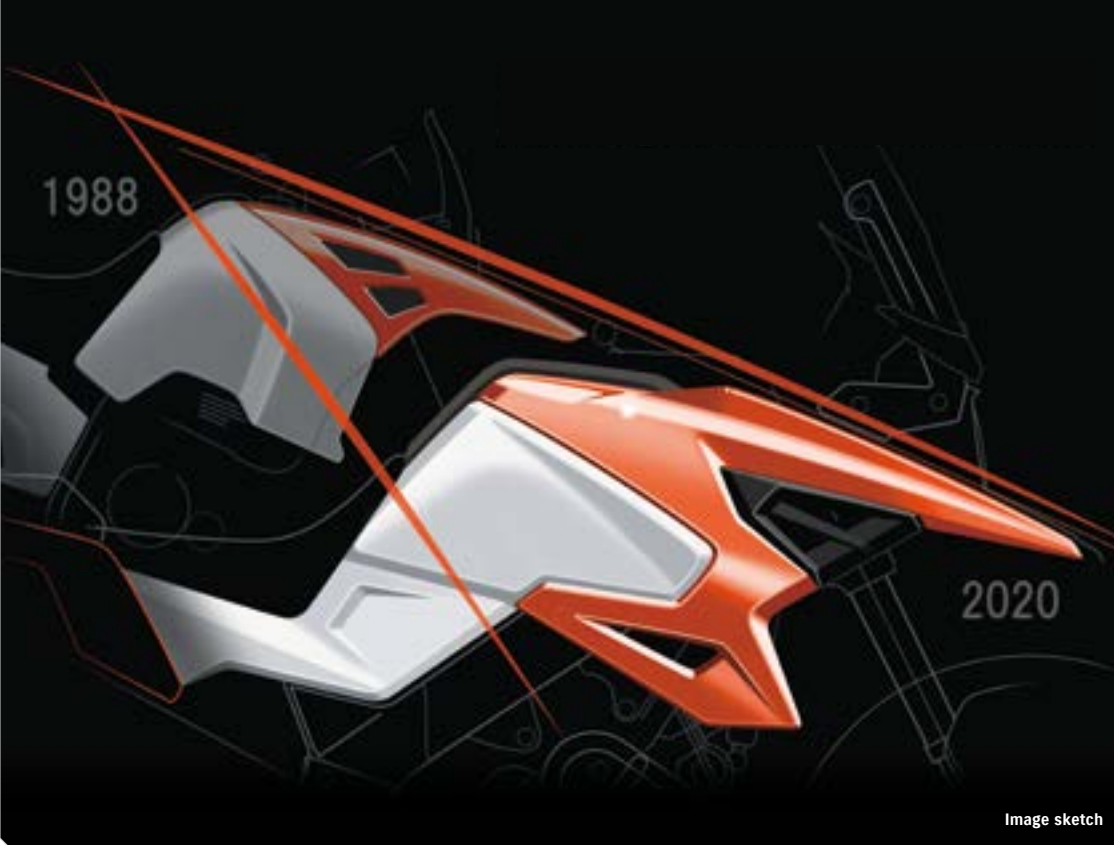


Image sketch



## Designing the V-STROM 1050/XT

There is a new design featuring a vertically stacked headlight with a unique rectangular shape. The headlight clearly illuminates the road surfaces and shoulders for excellent visibility. The headlight

unit is lightweight for excellent balance with the overall weight of the vehicle. The new model is equipped with aluminum tapered handlebars. The shape enhances the off-road style feel and is

lightweight while maintaining high rigidity. The cylinder head, magneto cover, water pump case and clutch covers are finished with a bronze color for a beautiful contrast with the black engine body.

# ADVANCED CONTROL

## Suzuki Intelligent Ride System (S.I.R.S)

The Suzuki Intelligent Ride System (S.I.R.S) includes the Motion Track Brake System, Hill Hold Control System, Slope Dependent Control System and Load Dependent Control System that assist in braking, and the Cruise Control System, Suzuki Drive Mode Selector (SDMS), and Traction Control System that assist in driving. The system provides users with intelligent controls to enhance ease of use and convenience in touring and daily life.



### **B Hill Hold Control System**

When the vehicle stops on an upward slope and applies the brakes, this system automatically operates the rear brake for around 30 seconds to prevent the vehicle from backing down the hill even if the rider releases the brake lever/pedal. This allows the rider to focus on a smooth start on a hill.

Operating conditions:

1. When hill-hold mode is ON.
2. When stopped completely on an incline.
3. When the gear is not in the "N" position.
4. When the side stand is stowed.
5. When the brakes are applied.



### **C Slope Dependent Control System**

The new Slope Dependent Control System constantly monitors the posture of the vehicle even when the vehicle is traveling downhill. When the rider operates the brake lever or pedal on a downhill, the electronic control unit controls brake pressure to prevent rear wheel lift.



### **D Load Dependent Control System**

This system supports optimal braking in response to load conditions. The system constantly learns changes in the braking deceleration through the input of hydraulic pressure as the load increases or decreases when riding with a load or in tandem.



### **A Motion Track Brake System**

The updated Motion Track Brake System combines information of the posture of the vehicle with the front and rear wheel speeds. This allows the ABS to activate not only in a straight line but also when the vehicle is leaning.

Note: ABS is not designed to shorten the braking distance. Please always ride at a safe speed for road and weather conditions, including while cornering.

# A COMPLETE PACKAGE

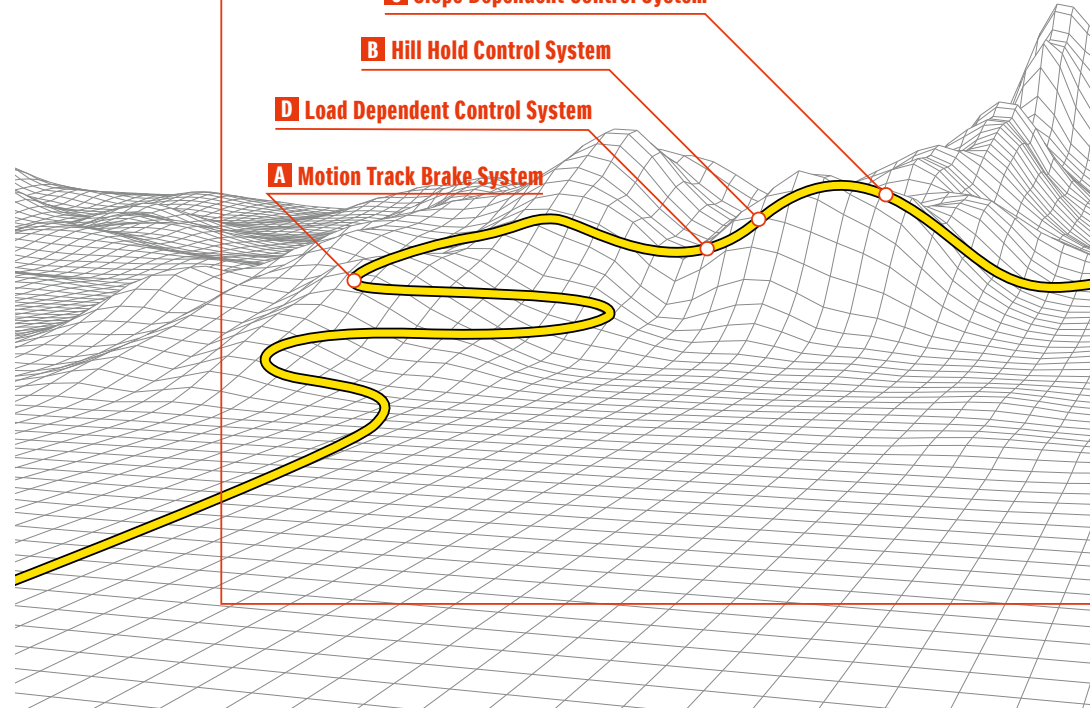
## Suzuki Intelligent Ride System (S.I.R.S)

### **C Slope Dependent Control System**

### **B Hill Hold Control System**

### **D Load Dependent Control System**

### **A Motion Track Brake System**



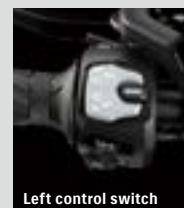




## E Cruise Control System



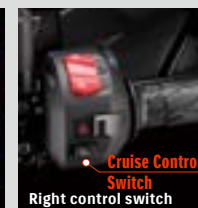
The newly equipped cruise control system maintains the set speed without the rider having to operate the throttle—a feature for long-distance touring that helps reduce rider fatigue. The new model features a range of technology such as ride-by-wire throttle system and the newly programmed ECM, which result in an easy-to-use cruise control. Cruising speed can be set from approximately 50km/h to 160km/h at fourth gear or above. A switch on the right handlebars can be pressed to put cruise control into standby, and a selector switch (up/down) on the left handlebars allows the rider to adjust the speed.



Left control switch



Instrument cluster



Cruise Control Switch  
Right control switch

### Cruise Control Indicator

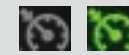


System OFF

Cruise Stand-by

Cruise SET

### Cruise Control Indicator Light

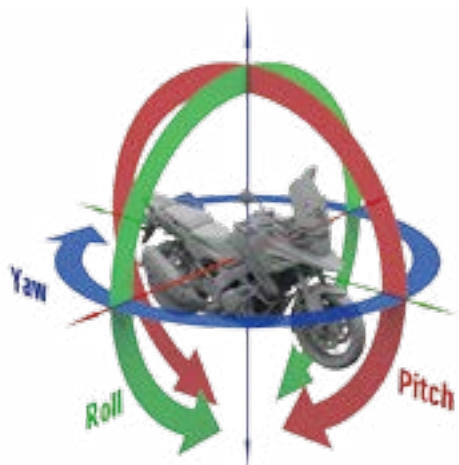


System OFF

Cruise SET

## Ride-by-wire Electronic Throttle System

Much simpler, lighter and more compact than the previous mechanical throttle. There are no mechanical cables used and one is independently installed to both the front and rear cylinder. Ride-by-wire electronic throttle control system offers a light feeling of control that is natural and linear like a conventional throttle.



IMU/6-directions, along 3-axis, pitch, roll and yaw



## IMU



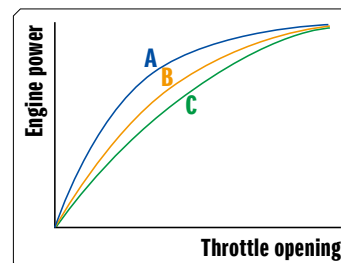
The new inertial measurement unit (IMU) works on 6-direction along 3-axis rather than the 5-axis of the previous system. This allows it to detect pitch, roll, and yaw movement based on the angular rate and acceleration. The new high-performance 6-directions IMU from Bosch combines a 3-axis angular rate sensor (gyrometer) and a 3-axis acceleration sensor in a single compact unit.

## E Suzuki Drive Mode Selector (SDMS)\*

Suzuki Drive Mode Selector is a system that allows the rider to select from three different output characteristic modes (A, B, and C).

\*Not available for 35kw specs.

- |        |  |
|--------|--|
| A mode | Provides sharp throttle response             |
| B mode | Provides softer throttle response            |
| C mode | Provides softest response of the three modes |

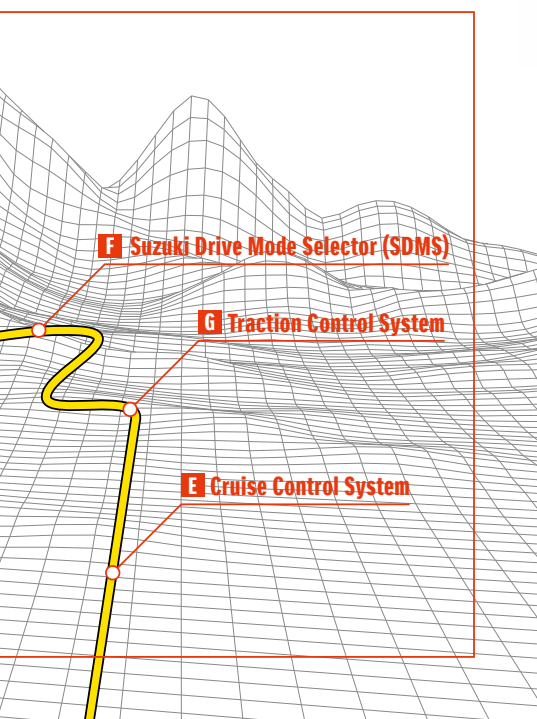


Power delivery image by mode

## E Traction Control System

An updated traction control system is used to let the rider be in control with more confidence in diverse conditions with less stress and fatigue. The traction control mode is increased to three modes plus off mode for diverse road conditions, or to match the rider's preference more. The traction control system continuously monitors the front and rear wheel speed, throttle position, crank position and gear position. When wheel spin is detected, the system quickly controls power output by managing ignition timing and air delivery.

Note: Traction control system is not a substitute for rider's throttle control under the various conditions, and traction control cannot prevent loss of traction due to excessive speed when entering turns, or while braking, and it does not control front wheel traction.



# POWERFUL V-TWIN ENGINE

## GRAND EVOLUTION

V-twin engine keeps evolving.

### The Refined V-Twin Engine

The liquid-cooled, DOHC, 1037cm<sup>3</sup> 90° V-twin engine further evolved. It meets new Euro 5 emission control standards while achieving high power of 79.0kW / 8,500rpm while maintaining low fuel consumption (4.9L / 100km). Also, a 35kW version has been added for the European Driving License Directive. The engine delivers deep rumble in the low rpm range, strong and linear torque in the mid-range and a maximum horsepower in the high rpm range with a smooth run up. This refined engine will support the rider to enjoy various situations such as city and rural roads, winding passes, flat dirt roads and highways.

Note: Actual fuel economy may differ owing to differences in conditions such as the weather, road, rider behavior and maintenance.

### Low RPM Assist

The Low RPM assist system monitors and automatically raise the idle speed when taking off from a stop or when riding slowly. Using the electronic throttle, a even finer level control is made possible. The system makes it easier for the rider to pull away from a standstill or maneuver in heavy traffic or through a crowded parking lot.

### Suzuki Easy Start System

The Suzuki Easy Start System allows the rider to easily start the engine with a single press of the starter button in any weather conditions or engine state—whether cold or hot. There is no need to continue to press the starter button until the starter ignites and turns the engine.

## Suzuki Clutch Assist System (SCAS)

The Suzuki Clutch Assist System (SCAS) works as an assist clutch to make the lever easier to pull while transmitting the power output, reducing fatigue on long touring.

## Electronical Throttle Body

Now, ride-by-wire throttle system is simpler, lighter and more compact than the previous model, with a larger bore (49mm compared to 45mm of the previous model). The throttle body is independently installed to both the front and rear cylinder. Each throttle body has a single butterfly valve, allowing each to be opened and closed using its own independent motor for precise control.

## Camshafts and Cam-timing

Both the exhaust and intake cam profile are changed so that the amount of lift is increased and the cam-timing has been set with less overlap. This provides better combustion efficiency and contributes to higher power output and low fuel consumption.

## Dual Spark Technology

Each cylinder head is equipped with two iridium spark plugs. The ignition timing is controlled independently contributing to high combustion efficiency, higher power output, a more linear throttle response, easier engine startup and a more stable idle.

## ECM

The newly programed ECM (Engine Control Module) provides state-of-the-art engine management and has optimized settings to meet Euro 5 regulations.

## Liquid-cooled Oil Cooler

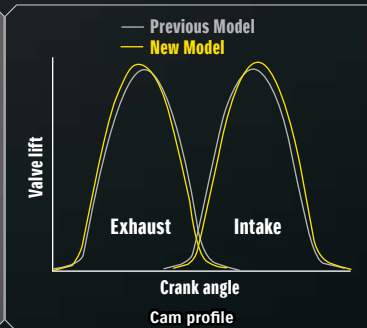
Uses a new liquid-cooled oil cooler. Located where the oil filter is attached, it takes up less space and is both lightweight and compact. The liquid-cooled oil cooler provides flawless lubrication for a more powerful engine.



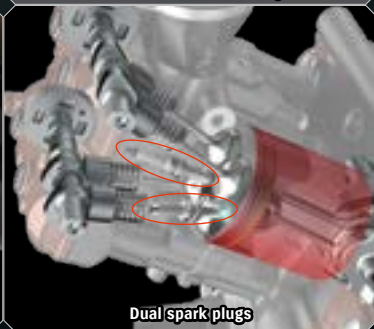
Suzuki Assist Clutch System (SACS)



Electronical throttle body



Liquid-cooled oil cooler



Dual spark plugs



ECM

\*Image shown with optional accessories.

# COMFORTABLE POWER

## LEADING A NEW GENERATION

The new generation V-STROM leads the way with the latest features.



\*All lights and indicators are illuminated in the photo for illustrative purposes.

### Multi-function Instrument Cluster

The instrument panel presents all required information on a full LCD screen using a clean and intuitive layout with information displayed in order of priority. Included in the display are the speedometer, tachometer (full pixel digital display), gear position indicator, odometer, trip meter (A, B), instantaneous fuel consumption, average fuel consumption, driving range, fuel level indicator, engine coolant temperature indicator, ambient air temperature indicator, clock, voltage meter, service reminder, SDMS mode, traction control mode, cruise control indicator, ABS mode, hill hold indicator, engine rpm indicator light, freeze indicator light, turn signal indicator light, high beam indicator light, traction control indicator light, ABS indicator light, and neutral indicator light.



1



2



3



### USB Outlet

A USB port is located left side of the meter panel. It can be used as a power source for a smartphone, navigation system, or other similar device.

\*In order to prevent draining the battery, do not use during an engine stop. Please refer to the owner's manual for other usage conditions.

1 A switch on the left handlebar can be used to change the mode menu and settings.

2 SDMS mode, traction control mode, and ABS mode\* are all concentrated on the bottom right of the tachometer. (\*V-STROM 1050XT only)

3 The operation status of cruise control is located to the upper right of the speed display. (V-STROM 1050XT only)

## Adjustable Suspension with Excellent Wheel Selection

With an inner tube diameter of only 43mm, the spring preload and compression/rebound damping of the KYB inverted front forks can be fully adjusted, allowing the suspension to be set based on the preference of the rider or the usage conditions. The rear suspension is a bottom link type mono-shock, and the preload can be adjusted simply by turning the dial by hand. The V-STROM 1050XT model uses DID aluminum wire-spoked wheel rims, while the V-STROM 1050 model is equipped with 10-spoke aluminum cast wheels. Bridgestone Battlax Adventure A41 tires are standard equipped with a 110/80R19 radial tire on the front and 150/70R17 on the rear.



Front fork adjuster



Rear suspension adjuster



V-STROM 1050XT



V-STROM 1050

## Durable Twin-spar Aluminum Frame

The lightweight cast aluminum twin-spar frame realizes the optimal rigidity balance for stability and handling performance. The swingarm is also aluminum supporting the balance and light handling.



### Height Adjustable Windscreen

The windscreen reduces fatigue when riding at high speeds. Height is adjustable on the V-STROM 1050XT without any tools.



### Comfortable Seat

The seat has a front/rear separate design and is just the right firmness to provide a comfortable ride with less fatigue even on long rides. The height of the rider's seat can be adjusted 20mm higher on the V-STROM 1050XT.



### Aluminum Tapered Handlebars

The new model is equipped with aluminum tapered handlebars. The shape enhances the off-road style feel.

## Exclusive Equipments Only for V-STROM 1050XT



V-STROM 1050XT is standard equipped with special parts such as an aluminum under cowling, accessory bar, knuckle cover, LED turn signals and center stand. The seat has a front/rear segmented design, and the rider seat can be easily adjusted 20mm higher than the standard position. The windscreen height can be adjusted without any tools. A 12V DC socket is equipped under pillion rider seat. This convenient outlet can be used to charge or power a range of electrical devices.



Aluminum under cowling



Accessory bar



LED turn signal



Knuckle covers



Adjustable windscreen



Seat (height adjustable)



Center stand



12V DC socket

\*In order to prevent draining the battery, do not use the outlet during an engine stop. Please make sure to keep at 12W or less during idling.



Release your inhibitions and go out in the wild.  
 The adventurous spirit of the new generation  
 V-STROM 1050/XT with its intelligent functionality  
 gives you limitless potential.  
 Go beyond your boundaries and dive into  
 your next adventure with the V-STROM 1050/XT.

# EXPAND YOUR HORIZON.

## V-STROM 1050XT



Champion Yellow No.2 (YU1)



Pearl Brilliant White / Glass Blaze Orange (B1F)



Glass Sparkle Black (YVB)

## V-STROM 1050



Glass Sparkle Black (YVB)



Glass Sparkle Black / Pearl Brilliant White (B1G)



Glass Sparkle Black / Solid Iron Gray (BTH)

## SPECIFICATIONS

Overall length	2,265 mm (89.2in)	
Overall width	V-STROM 1050XT	: 940 mm (37.0 in)
	V-STROM 1050	: 870 mm (34.3 in)
Overall height	V-STROM 1050XT	: 1,465 mm (57.7 in)
	V-STROM 1050	: 1,515 mm (59.6 in)
Wheelbase	1,555 mm (61.2 in)	
Ground clearance	V-STROM 1050XT	: 160 mm (6.3 in)
	V-STROM 1050	: 165 mm (6.5 in)
Seat height	V-STROM 1050XT	: 850 mm (33.5 in)
	V-STROM 1050	: 855 mm (33.7 in)
Curb mass	V-STROM 1050XT	: 247 kg (544.6 lbs)
	V-STROM 1050	: 236 kg (520.4 lbs)
Engine type	4-stroke, liquid-cooled, DOHC, 90° V-twin	
Bore x stroke	100.0 mm x 66.0 mm (3.937 in x 2.598 in)	
Engine displacement	1,037 cm <sup>3</sup> (63.3 cu in)	
Compression ratio	11.5 : 1	
Fuel system	Fuel injection	
Starter system	Electric	
Lubrication system	Wet sump	
Transmission	6-speed constant mesh	
Primary reduction ratio	1.838 (57/31)	
Final reduction ratio	2.411 (41/17)	
Suspension	Front	Inverted telescopic, coil spring, oil damped
	Rear	Link type, coil spring, oil damped
Rake / trail	25°30' / 109 mm (4.29 in)	
Brakes	Front	Disc, twin
	Rear	Disc
Tyres	Front	110/80R19M/C 59V
	Rear	150/70R17M/C 69V
Ignition system	Electronic ignition	
Fuel tank capacity	20.0 L (5.3 US gal / 4.4 Imp gal)	
Oil capacity (overhaul)	3.5 L (3.7 US qt / 3.1 Imp qt)	



Specifications, appearance, colors, (including body color), equipment, materials and other aspects of the "SUZUKI" products shown in the brochure are subject to change by Suzuki at any time without notice, and they may vary depending on local conditions or requirements. Some models are not available in some territories. Each model may be discontinued without notice. Please inquire at your local dealer for details of any such changes. Image contains computer-generated composites.

- Always wear a helmet, eye protection and protective clothing.
- Enjoy riding safety.
- Read your Owner's Manual carefully.
- Never ride under the influence of alcohol or other drugs.

\*Image shown with optional accessories.



Suzuki's "Way of Life!" is the heart of our brand - every Suzuki vehicle, motorcycle and outboard motor is built to create excitement so customers can enjoy everyday life.



Way of Life!