

MULTISTRADA V4S GRAND TOUR

20 years
Multistrada
2003 - 2023



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Tour your way

Comfort and versatility, zero compromise: the Multistrada V4 S Grand Tour is ready to make your every journey an unforgettable experience.

The Multistrada V4 S Grand Tour has everything you need to explore the world with total control and the utmost freedom. Experience the ultimate pleasure of touring your way.

From the heated seat to the double radar, and from the central stand to the tyre pressure sensors, the Multistrada V4 S Grand Tour offers you a superior travel experience in every sense.



Born to travel

Discover the many details that make the Multistrada V4 S Grand Tour the ideal travel companion, ready to introduce you to unique experiences.

1- Dedicated livery

Inspired by the aesthetics of the Multistrada family, the dedicated livery transmits elegance and refinement. The detail of the tricolour flag on the side, a tribute to the all-Italian design of the Multistrada, emphasises the exclusivity of every moment spent in the saddle.

2- V4 Granturismo engine

The powerful 170 hp engine - smooth at low speeds, progressive and assertive mid-range, and with maximum torque of almost 13 kgm. Exciting at high speeds and perfect in all riding conditions. And with a maintenance interval of 60,000 km, a record in its category.



3- Touring accessories as standard

Plastic side cases, a central stand, heated hand grips and seat, additional LED lights, a tyre pressure sensor and a hands-free fuel cap – everything you need to travel in any weather conditions and enjoy every mile in total comfort.

4- Double radar

Multistrada V4 S Grand Tour inherits all the state-of-the-art equipment of the fourth generation Multistrada, including the double radar system complete with Adaptive Cruise Control (ACC) and Blind Spot Detection (BSD) functions, for heightened safety and riding comfort.

EQUIPMENT

A full optional delight

You choose the destination. And the Multistrada V4 S Grand Tour does the rest, complete with everything you need to travel.

Standard equipment includes the most comprehensive touring packing in the Multistrada family.





Heated seat and grips

These can be activated and heated according to two levels directly via the dashboard, allowing greater thermal comfort for total enjoyment through every corner on even the coldest days.



Hands-free fuel cap

This simplifies the refuelling process, as the keys to the motorcycle can stay in the rider's pocket.



Additional LED lights

The lights improve visibility at night and in case of fog, for a safer travel experience.



Central stand

This facilitates both side case assembly, removal, opening, closure and packing, and minor maintenance operations such as chain lubrication or the repairing of punctures.



Plastic side cases

With a total volume of 60 litres, they can hold everything you need to travel and integrate perfectly with the lines of the motorcycle.



Tyre pressure sensor (TPMS)

With the Tyre Pressure Monitoring System, tyre status can be monitored directly via the dashboard, for guaranteed efficiency and safety on the road.





ENGINE

Designed to go far: V4 Granturismo

With a valve clearance adjustment interval of 60,000 km and an oil change scheduled every 15,000 km, all you need do is enjoy the ride. The Roadside Assistance program, offered with all Multistrada V4 models, adds to the standard warranty with roadside assistance, transportation for rider and passenger, a replacement vehicle and accommodation at a four-star hotel in case of any problems during the period of coverage. All this with the peace of mind offered by a network of more than 800 official Ducati dealers in more than 90 countries across the world.



DESIGN

Conquering stare

An evolved, modern design created by combining style and functionality. An energetic and linear profile, which with light shapes and compact volumes conveys concreteness and solidity. Modelled to measure the aerodynamics and ergonomics of the rider, the design of the Multistrada V4 S Grand Tour sculpts its technical soul into a harmonious whole, made up of wide and smooth surfaces just like the feeling of maximum control that the bike gives back in every riding condition.

Designed to cut through the dust, created to amplify pleasure.



The family feeling, returned by the mass loaded on the front, the extremely slim tail and the compact front, is made more modern and sportier by the DRL in Panigale style with full-LED projector. Its aggressive look, which leaves room for electronic evolution in the shape of the innovative radar, reflects the design approach of one of the most technologically advanced motorcycles ever.

From the radars to the aerodynamic appendages; from the plexiglass to the dashboard; from the blocks to the handlebars. Everything is perfectly integrated thanks to a design that combines performance and function, in which man, machine and technology come together to become one.

Engineered for comfort

Every detail is designed to combine style with functionality. The front profile of the tank and the sides are the result of extensive ergonomics research and the sophisticated coupling of complex surfaces. Greater ground clearance, designed for off-road riding, improves rider comfort, while sturdy side panels lend themselves perfectly to Enduro riding. The Multistrada V4 S Grand Tour is designed so that any rider can easily touch the ground, thanks to a seat that is narrow in the leg area, and also move freely, even when standing on the pegs.

Elegant, but always ready for adventure.



The decision to integrate the turn signals into the side panels ensures protection against any minor side blows and increases the volume of the bike while retaining its compactness. The rear swingarm is a masterpiece of design, its slotted structure inspired by the principles of additive technology. The rear sub-frame, with a trellis structure to better support stress and load, results in a space saving beneath the seat, which allows for the insertion of both electronic elements and seat height adjustment.



AERODYNAMICS

All the comfort of aerodynamics

Innovative Ducati Corse aerodynamics research is exploited to offer the most comfortable on-board experience. Aerodynamic control means that head-on air exposure is reduced to a minimum while hot air is deviated away from the rider, ensuring optimum protection and comfort.

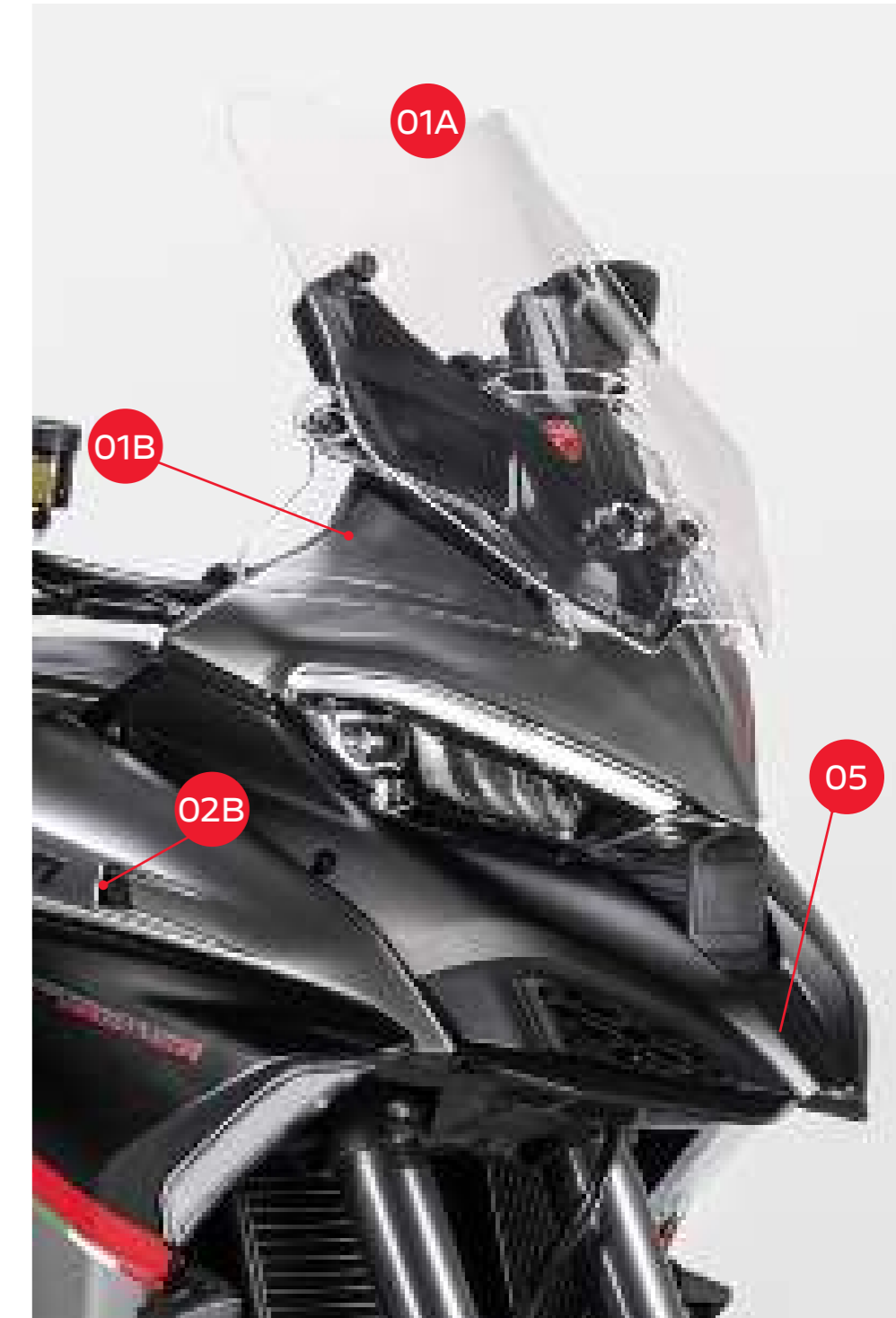
The windshield (01A) is equipped with lateral deflectors (01B) to protect the shoulders of the rider and passenger. This ergonomic system is height adjustable (patent pending).

The internal aerodynamic bypass (02A) helps to create a jet of fresh air that can deviate the flow of hot air exiting the radiators around the rider to improve thermal comfort.

The external bypass (02B) takes air from the front of the vehicle to cool the rider seat area. The position of the front radiators is designed to allow for optimum vehicle weight distribution, a deflector in the radiator cooling outlet (03) maximising aerodynamic efficiency.

In the same way, a pair of deflectors below the fairings (04) allows to manage the flow of fresh air towards the rider's legs, maximising thermal comfort.

Lastly, the beak (with front wing – 05), fairings, "shoulders" of the tank and radiator bypass outlets are all designed to reduce the air pressure, and resulting vibration, on the rider.



DYNAMICS

Enjoying the journey will be your only thought

The Multistrada V4 S Grand Tour reaches new heights in terms of its handling, smoothness, intuitiveness, and ease of use, thanks to a body designed to offer the best possible balance between road and off-road use.

With respect to the previous generation, the compactness of the V4 Granturismo engine and the reduced wheelbase make for a shorter, more agile bike. A perfectly positioned centre of gravity makes way for a chassis that will excite any rider while ensuring maximum safety in any situation, rider and passenger comfort on long-range trips, and the pleasure of off-road performance, without forgetting its Ducati sports DNA on the road.





The 19" front wheel ensures a round, easy and intuitive ride in all conditions, guaranteeing the precision and responsiveness required by sports riding. To ensure the possibility to fit spoked rims, the Multistrada V4 S Grand Tour is equipped with a new generation double-sided swingarm, an object with a unique design, developed by applying additive technology, which offers the perfect balance between compactness, stiffness and lightness.

The monocoque frame, conceptually similar to that of the superbike Panigale V2 and adapted for on and off-road use, allows for a significant weight reduction. Moreover, working as an airbox in accordance with the concept of structural integration, it gives high stiffness and stability at high speeds. Finally, all the other structural elements, such as the rear trellis frame, the tail and also the rear wheel, have been dimensioned and verified to ensure a high load capacity.

Intuitive and effective between curves, determined both on the road and in off-road.



ERGONOMICS

Only the pleasure of the ride

Increase the comfort during long highway transfers, both for the rider and the passenger: In order to achieve this goal, Ducati engineers have paid great attention to what in the car industry is called Noise, Vibration, Harshness (NVH), an engineering effort aimed at minimizing the possible sources of annoyance or stress, such as noise and vibration.

Climbing aboard the Multistrada V4 S Grand Tour means enveloping yourself in a bubble of silence, where you can ride with your helmet open, even at high speeds. Minimal vibration, regardless of speed and load, maximises the level of comfort, particularly over long distances, while engine noise is significantly reduced thanks to a reduction in gear play.



The exhaust has been perfected, particularly for everything related to the silencer, through an accurate work of sound quality. The result, thanks also to the Twin Pulse burst order of the V4 Granturismo, is a sound with an exciting timbre and

a 100% Ducati personality, where however the volume never reaches annoying levels and does not affect the acoustic comfort of rider and passenger, especially during long journeys or long exposures.



ELECTRONICS

Connected intelligence

Raising the technological bar with cutting-edge electronic solutions has always been in the DNA of the Multistrada family. The Multistrada V4 S Grand Tour is equipped with all the state-of-the-art Ducati technology. The result is a riding experience that is easy, safe, intuitive, always open to performance, always adaptable to the conditions of use and the needs of each rider.

The future of riding pleasure at your disposal. Now.



Dynamic intelligence

The Multistrada V4 is the first bike in the world to come complete with front and rear radar. This experimental technology from Ducati in collaboration with the Department of Electronics, Communications and Bioengineering at the Politecnico di Milano has been developed and industrialised together with Bosch, setting a new level of excellence in terms of comfort and riding assistance.

Each radar is compact in size (70 x 60 x 28 mm, similar to a modern "action camera") and integrates perfectly with the bike, at a weight of just 190 grams.

The radar positioned on the front section of the vehicle controls the ACC, or Adaptive Cruise Control function. Activated and adjusted using the dedicated buttons on the left block, the ACC makes use of calibrated and progressive braking and acceleration to automatically regulate the bike's distance (selected according to three levels) from other vehicles when riding at speeds of

between 30 and 160 km/h. This makes for a more comfortable ride, particularly when covering long distances on the motorway. This car-derived system has been developed according to the dynamics and ergonomics of a two-wheeled vehicle, with maximum deceleration limited to -0.5 g, in order to ensure that the rider maintains full control of the bike in every situation.

The rear radar is able to identify and signal any vehicles located in, or coming rapidly towards, the so-called blind spot (blind spot detection), or rather the area not visible to the rider or rear-view mirror. The presence of any vehicles is signalled with a dedicated LED, adjustable in intensity, positioned above the mirror.

The entire Multistrada V4 family is equipped with the Ducati Safety Pack, which includes the Brembo braking system with ABS Bosch 10.3ME complete with adjustable three-level cornering function. Cornering ABS works in synergy with

the Bosch IMU inertial platform, which provides vehicle lean angle data in real time. In this way, the ABS control unit can effectively modulate braking power independently at each wheel, even when the bike is tilted, preventing any fall owing to the locking of the wheel.

An integral part of the same package, Multistrada V4 DTC represents the latest step in Ducati traction control development and includes the cornering function. Via the inertial platform, the system identifies all information regarding

the position and speed of the vehicle in space, intervening on the torque and ensuring smoother, more linear delivery with a gradual action that is never invasive. In this way, the rider can avoid any loss of control. Adjustable according to eight levels in a similar way to DTC, Ducati Wheelie Control analyses the bike lift, and manages the power delivery accordingly in order to ensure maximum safety in acceleration. Skyhook suspension, complete with dedicated calibration, ensures maximum versatility in the city or on slightly uneven ground, but also optimum comfort over long distances. The control strategy, developed by Ducati, regulates the damping of the fork and single shock to support load transfer and minimises stress from the ground, to increase riding sensitivity and make the bike more stable and comfortable. For the first time, the system integrates the Autoleveling function, which identifies the bike's load and automatically adjusts the setting, adding to the options

already available to the user: rider, rider plus bags, rider and passenger, rider and passenger plus bags.

The four Riding Modes allow the bike to be adapted to all types of usage, from the city traffic or adverse weather conditions of Urban mode, to the more high-performance road setting of Sport mode, by way of Touring mode, which prepares the bike for longer journeys, and Enduro, which configures the bike for dirt riding and helps the rider navigate obstacles when off-road.

The Quick Shift Up&Down system, which uses information from the inertial platform to facilitate shifting, is also more advanced and now integrates the cornering function.

The ideal Multistrada in all conditions and for every rider.



Servicing and maintenance

Safety as standard

The continuous work that Ducati carries out in terms of design, research and development has the specific aim of ensuring bikes are always cutting-edge and offer the ultimate level of active safety. A commitment that means defining increasingly advanced systems that heighten the level of rider control during the most delicate riding phases.

4 Ever Ducati

Ducati offers a 4-year warranty on all models of the Multistrada and DesertX family with the 4Ever Ducati warranty. Created to satisfy the desire to travel without restrictions and boundaries, Multistrada and DesertX are ready to expand your horizons of freedom. Increasingly strict and prolonged testing, improved production processes and advanced numerical simulations have enhanced the reliability of the Multistrada and desert family models to the highest level ever.

A guarantee that Ducati can offer you without borders, thanks to the solid growth of the global dealer network. A team constantly trained to treat your Ducati with the same care with which it is designed and assembled in Borgo Panigale.

To find out whether 4Ever Multistrada and 4Ever Ducati is available in your country and receive more details, visit your local Ducati dealer or visit ducati.com

Endless excitement

In designing each bike, Ducati always sets itself the goal of ensuring maximum reliability while reducing maintenance costs. A commitment that has seen it extend the valve clearance check interval to 60,000 km (36,000 miles), during which a valve clearance check and registration is carried out as required. Even the simplest operations, like the Oil Service, are now scheduled at 15,000 km (9,000 miles) or 24 months.

An interval that is unbeatable in the two-wheeled world and that only confirms the very high quality standards Ducati applies to its material selection and R&D processes. Ducati continuously invests in the technical training of its dealers. The specific knowledge of official Ducati Service network members means that all operations needed to keep every Ducati in perfect working order are meticulously carried out. Advanced equipment such as the Ducati Diagnosis System ensures every Ducati will always have the latest software updates so that the electronic systems continue to perform at the highest level.

Always by your side

One of Ducati's main goals is to offer every Ducatista the chance to enjoy unlimited and safe travel all over the world. To achieve this aim, Ducati offers a "fast delivery" original spares service, with delivery in 24/48 hours across 85% of the areas in which it operates. With a distribution network that covers more than 96 countries, thanks to 821 (760 Sales & Service, 61 Service) official Dealers and Service Points*, choosing a Ducati means you can travel worry free and in total freedom, wherever the road may take you, and count on support from our extensive Dealer network that ensures Ducati quality and professionalism is always close at hand.

821 Authorised dealers and service points

96 World countries

*Information updated on 31/12/2022



*Equal to 36,000 miles.



Technical data and equipment



MULTISTRADA V4 S GRAND TOUR

Engine

Engine Ducati V4 Granturismo, V4 - 90°, 4 valves per cylinder, counter-rotating crankshaft, twin pulse firing order, semi dry sump, liqued cooled

Displacement 1,158 cc (71 cu in)

Bore X Stroke 83 mm x 53.5 mm

Compression ratio 14:1

Power 125 kW (170 hp) @ 10,500 rpm

Torque 125 Nm (12.7 kgm) @ 8,750 rpm

Fuel injection Continental electronic fuel injection system, Øeq 46mm equivalent elliptical throttle bodies with Ride-by-Wire system

Exhaust Stainless steel muffler, double catalytic converter and 4 lambda probes

Transmission

Gearbox 6 speed with Ducati Quick Shift up/down

Primary drive Straight cut gears; Ratio 1.8:1

Ratio 1=40/13, 2=36/16, 3=34/19, 4=31/21, 5=29/23, 6=27/25

Final drive Chain, Front sprocket Z16; Rear sprocket Z42

Clutch Multiplate clutch with hydraulic control. Self-servo action on drive, slipper action on over-run

Chassis

Frame Aluminum monocoque frame

Front suspension Ø 50 mm fully adjustable USD fork, electronic compression and rebound damping adjustment with Ducati Skyhook Suspension

Front wheel Light alloy cast, 3" x 19"

Front tyre Pirelli Scorpion Trail II 120/70 ZR 19

Rear Suspension Fully adjustable monoshock, electronic adjustment with Ducati Skyhook Suspension, aluminium double-sided swingarm

Rear wheel Light alloy cast, 4.5" x 17"

Rear tyre Pirelli Scorpion Trail II 170/60 ZR 17

Wheel travel (front/rear) 170 mm / 180 mm (6.7 in / 7.1 in)

Front brake 2 x Ø 330 mm semi-floating discs, radially mounted Brembo M50 Stylema monobloc 4-piston 2-pad callipers, radial master cylinder, Cornering ABS

Rear brake Ø 265 mm disc, Brembo 2-piston floating calliper, Cornering ABS

Instrumentation 6.5" TFT colour display with Ducati Connect and full-map navigation system

Dimensions and Weights

Wet weight no fuel 235 kg (518 lb)*

Seat height Adjustable, 840 mm - 860 mm (33.1 in - 33.9 in)
855 mm - 875 mm (33.7 in - 34.4 in) with high seat accessory
810 mm - 830 mm (31.9 in - 32.7 in) with low seat accessory
790 mm - 810 mm (31.1 in - 31.9 in) with low seat + low suspension kit accessory

Wheelbase 1,566 mm (61.7 in)

Rake 24.2°

Trail 100.6 mm (4.0 in)

Fuel tank capacity 22 l (5.8 US gal)

Number of seats Dual seat

Safety equipment

Riding Modes, Power Modes, ABS Cornering, Ducati Traction Control, Ducati Wheelie Control, Daytime Running Light, Ducati Cornering Light, Ducati Brake Light, Vehicle Hold Control, Radar system (ACC + BSD)

Standard equipment

Ducati Skyhook Suspension, Minimum preload, Ducati Quick Shift, Cruise control, Hands-free, Backlit handlebar switches, 6.5" TFT colour display with Ducati Connect and full-map navigation system, Full LED headlight, Tire pressure monitoring system (TPMS), Hands-free fuel tank cap, Auxiliary LED lights, Heated rider seat, Heated passenger seat, Heated handgrips, Central stand, Plastic side panniers

Warranty and Maintenance

Warranty 24 months (48 months**), unlimited mileage

Maintenance 15,000 km (9,000 miles) / 24 months

Valve clearance check 60,000 km (36,000 miles)

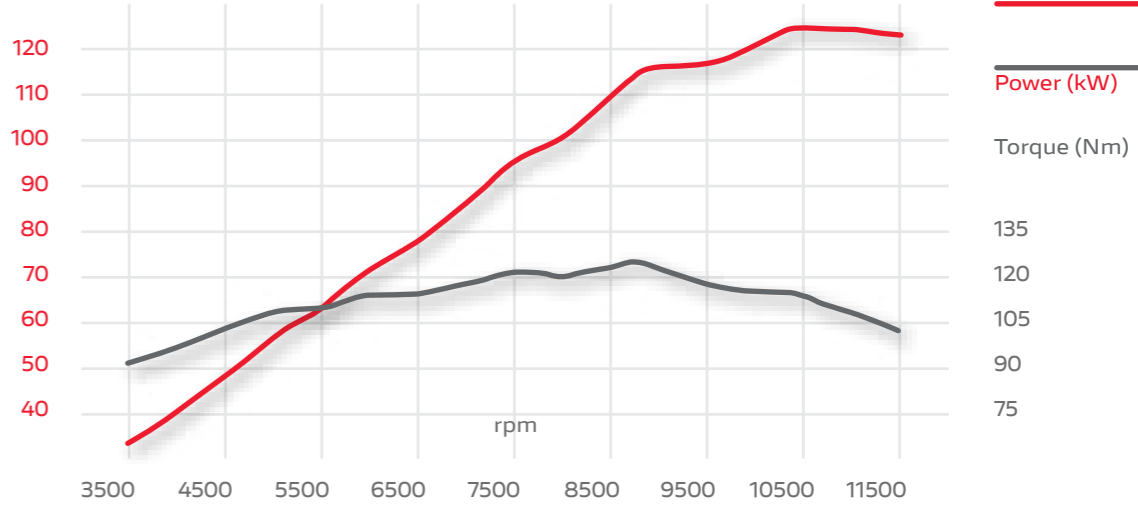
Emissions and Consumption***

Standard Euro 5

CO₂ emissions 162 g/km

Consumption 7.0 l/100km

Power and torque



Equal to 36,000 miles.

Indication of mileage at the first Desmo Service, or rather the first service during which valve clearance is checked and adjusted if necessary.

* Without side panniers. Plastic side panniers weight 10,9 kg (24 lb)

** Only for countries where 4lever Ducati warranty applies.

*** Only for countries where Euro 5 standard applies

MULTISTRADA V4 S
GRAND TOUR

Grand Tour Livery



	Multistrada V4 S
Ducati Quick Shift up/down (DQS)	○
Suspension	Semi-active Skyhook with Minumim Preload function
Wheel	Light alloy cast / Spoked
Front brake	2 x Ø 330 mm discs, Brembo callipers Stylema
Instrumentation	6.5" colour TFT display
Headlight	Full-LED
Ducati Cornering Lights (DCL)	●
Vehicle Hold Control	●
Minimum Preload	●
Hands-free fuel tank cap	○
Auxiliary LED lights	○
TPMS	○
Central stand	○
Heated handgrips	○
Heated rider and passenger seat	○

	Multistrada V4 S Grand Tour
	●
Suspension	Semi-active Skyhook with Minumim Preload function
Wheel	Light alloy cast
Front brake	2 x Ø 330 mm discs, Brembo callipers Stylema
Instrumentation	6.5" colour TFT display
Headlight	Full-LED
Ducati Cornering Lights (DCL)	●
Vehicle Hold Control	●
Minimum Preload	●
Hands-free fuel tank cap	●
Auxiliary LED lights	●
TPMS	●
Central stand	●
Heated handgrips	●
Heated rider and passenger seat	●



1 Hands-free tank filler plug



2 Tire pressure monitoring system (TPMS)

Apparel

Whether riding or taking a break, dedicated apparel will give you that unmistakable Multistrada look, offering the perfect balance of functionality and style.

Ducati Apparel Collection designed by *Drudi Performance*



Check out the Apparel collection dedicated to this bike









DRE

Travel, Ducati-style

DRE Travel Adventures are Ducati experiences designed to help you reach the destinations of your dreams aboard a Ducati. Explore all the DRE Travel Adventure options, with unique tours, travel packages and itineraries to ensure that you set off with confidence and enjoy prompt and precise organization, all in perfect Ducati style.

Discover experiences and different ways of experiencing the journey. Choose the one that best suits your style.



ACCESSORIES

Configure the Ducati of your dreams.

Multistrada means optimum Ducati technology, performance, and comfort. To enjoy adventures and journeys of any distance, in all conditions and on any road.

Configure

Choose the ideal Multistrada V4 S Grand Tour for you and have fun configuring it to suit your riding style! Share your Multistrada V4 S Grand Tour with friends and send it to your Ducati dealer who will contact you for an online consultation to discuss the current offers that best suit your needs.

Save your configuration to return to it at any time.

Calculate your payment

Ducati Financial Services offers favourable solutions for the financing of every model in the Ducati range. Personalise your financing and calculate the monthly instalments. You can then contact your dealer and discuss the best way to see your dream come true!







Go to configurator




For more information about the Ducati Performance range, tech specs and instructions, refer to a Ducati dealer or visit the Accessories section of ducati.com

Ducati Digital Experience

A mission for every channel. Continuous updating on the innovation and passion for which our work stands out. We transform emotions into exclusive content. Just a click away.

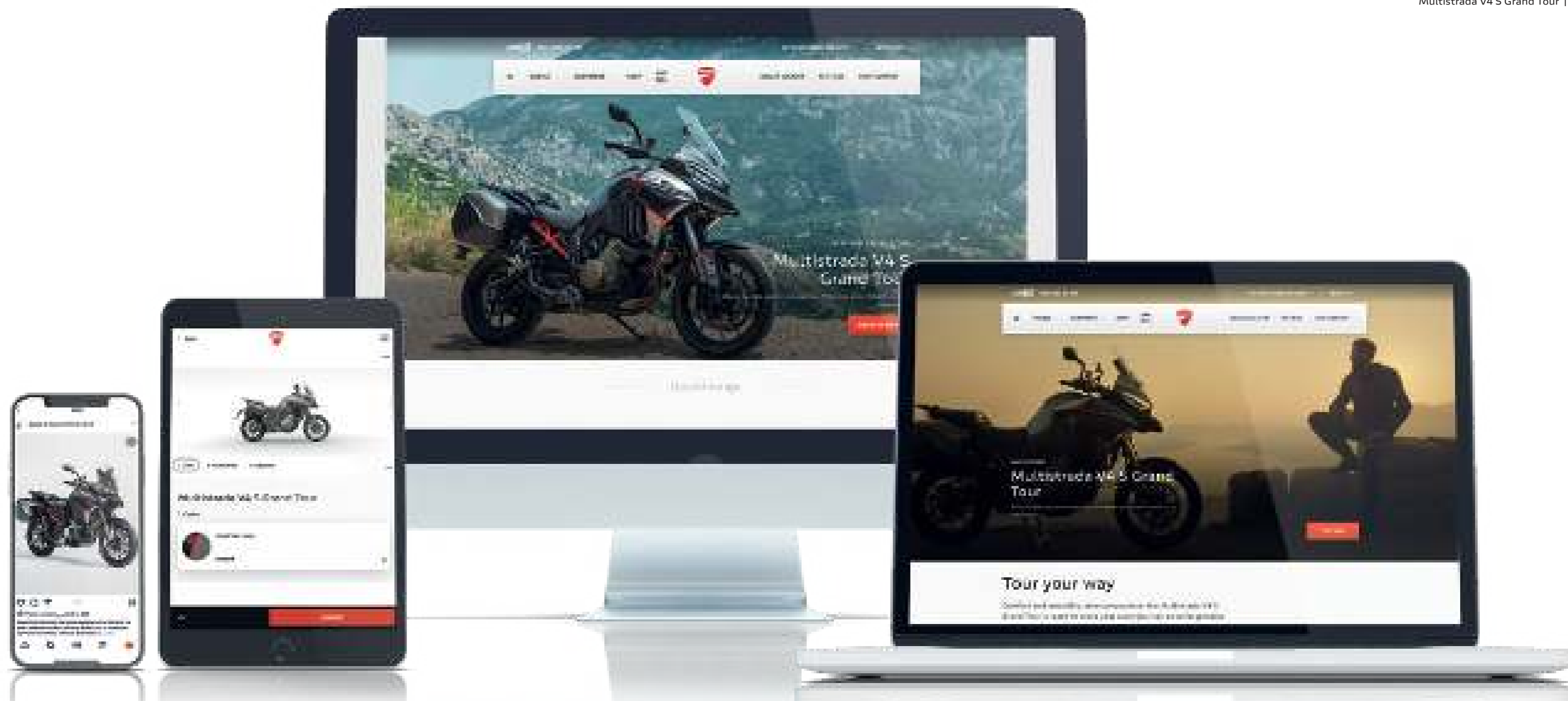
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MyDucati App

MyDucati is the personal area for every Ducatista, offering a wide range of services accessible with a single login from both the web and the app. Explore all the features of the MyDucati world and enjoy a multi-channel, customised experience wherever you are.



Riding a motorcycle is the most exciting way to enjoy the road, and offering the utmost safety to the motorcyclist is Ducati's commitment. Ducati bikes are increasingly easy to handle, reliable and better equipped to guarantee maximum safety and enhance riding pleasure. Technical clothing is made with more and more advanced materials for adequate protection and increased visibility. The safety of motorcyclists is Ducati's commitment. For more information visit the safety section of the Ducati site (www.ducati.com).

Warning: The photos and technical information in this catalogue may refer to prototypes subject to modifications during production and are purely for illustration and reference purposes, and are therefore not binding on Ducati Motor Holding S.p.A. Sole Shareholder Company - Company subject to the direction and coordination of AUDI AG ("Ducati"). Ducati cannot be held responsible for any print and/or translation errors. This catalogue is transnational and therefore some products may not be available and/or their features may vary in accordance with local laws. Not all colours and versions are available in each country. Ducati reserves the right to make changes and improvements to any product without obligation of prior notice or to make such changes to products already sold. Further characteristics of the products are contained in the pertinent owner's manuals. The



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Actual fuel consumption may vary based on many factors, including but not limited to riding style, maintenance performed, weather conditions, surface characteristics, tyre pressure, load, weight of the rider and the passenger, accessories.

Ducati indicates the dry weight of the motorcycle excluding battery, lubricants and coolants for liquid-cooled models. The weights in running order are considered with all operating fluids, standard equipment and the fuel tank filled to 90% of its useful capacity (UE regulation no. 168/2013). For more information visit www.ducati.com.

January 2024

WDW2024
WORLD DUCATI WEEK
26th - 28th July / Misano, Italy
wdw.ducati.com

Developed with 

Technical partner 

20 years
Multistrada

2003 - 2023