



SUPERSPORT 2021

LIFE'S A RACE THE WORLD IS OUR TRACK

These machines are designed to push us to the limits of speed and performance. They turn our knuckles white. They make our hair stand on end. And all the while they hold us on the tarmac, pinned by an unrelenting grip that gives us total confidence and control. That's what it means to ride a CBR.



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THE GAME IS RAISED. HIGHER STILL.

The race-track is your playground. It's where you live and truly come alive. Performance is everything and you'll take any advantage to hunt out speed. We have built the CBR1000RR-R Fireblade SP for you. It starts out in the same Pit Lane as the CBR1000RR-R—which means MotoGP technology for the engine, chassis and aerodynamics, and the same 160kW @ 14,500rpm peak power output, with peak torque of 113Nm @ 12,500rpm. But then we step it up. For precise, targeted performance the CBR1000RR-R Fireblade SP is armed with second-generation semi-active Öhlins Electronic Control (S-EC).

The NPX front fork uses a pressurised damping system to minimise cavitation, resulting in more stable damping control and improved bump absorption at high speeds. Feel for front tyre grip is also enhanced. The rear shock is also an Öhlins unit. To match the hardware upgrade the Öhlins Objective Based Tuning interface (OBTi) now offers much finer suspension adjustment front and rear. Brembo's latest Stylema monobloc four-piston radial-mount front brake calipers are also standard. The CBR1000RR-R SP is not built with a road-rider's needs in mind; the race-track is where it belongs. And while it is fully road legal, with lights, indicators, full-colour TFT display and Honda Smart Key the CBR1000RR-R Fireblade SP is our ultimate statement of pure super sports aggression. Enjoy it to the full.

KEY FEATURES

- LIQUID-COOLED, 16V FOUR-CYLINDER ENGINE
- ADJUSTABLE RIDING MODES
- 9-LEVEL HONDA SELECTABLE TORQUE CONTROL
- AKRAPOVIČ® TITANIUM EXHAUST
- WHEELIE CONTROL
- LAUNCH CONTROL
- QUICKSHIFTER
- AERODYNAMIC WINGLETS
- COLOUR TFT SCREEN

Find out more at
[\[insert local URL\]](#)



CBR
FIREBLADE





FULL BRAKE SYSTEM BY

BREMBO®

With Stylema®
Monobloc Four-Piston
Calipers

ÖHLINS®

NPX Front
Fork

ÖHLINS®

OBTI Objective
Based Tuning
Interface



Image shows motorcycle prepared for track use (not available for delivery in this form). Road motorcycle includes indicators, rear view mirrors and number plate.

BORN TO RACE

For you, there is no second best. For us it's the same. Which is why we started racing in the early 1960s and why we race today. Competition is always a challenge but it's what brings improvement. Raises the game. Yours. Ours.

Competition has produced the CBR1000RR-R Fireblade. We didn't just start from scratch. We used our ultimate expression of everything we know about two-wheeled speed, the RC213V MotoGP machine and its roadgoing RC213V-S sibling, as technological base points. The CBR1000RR-R Fireblade's engine—while still an inline four-cylinder—has much in common with the race bikes. The 1000cc, liquid-cooled DOHC design shares its bore and stroke with the RC213V-S and features a semi-cam gear train, finger-follower rocker arms, forged aluminium pistons and titanium con-rods. Output is stunning: 160kW @ 14,500rpm peak power, with peak torque of 113Nm delivered @ 12,500rpm.

It's also armed with fine control from an upgraded electronics package that includes a six-axis Inertial Measurement Unit (IMU), optimised HSTC, adjustable Start Mode, 2-level ABS, 5-inch TFT display and Honda Smart Key. The chassis employs an aluminium diamond-style frame and RC213V-S-derived swingarm, full Showa suspension, revised 3-level HESD and new Nissin brakes. And we've drawn heavily on our MotoGP experience to produce bodywork that defies drag while enhancing high-speed handling with winglets.

KEY FEATURES

- LIQUID-COOLED, 16V FOUR-CYLINDER ENGINE
- ADJUSTABLE RIDING MODES
- WHEELIE CONTROL
- SHOWA 43MM BIG PISTON FORK (BPF)
- SHOWA BALANCE FREE REAR CUSHION LIGHT SHOCK (BFRC-LIGHT)
- NISSIN RADIAL-MOUNT FOUR-PISTON FRONT CALIPERS
- AERODYNAMIC WINGLETS
- COLOUR TFT SCREEN

Find out more at
[\[insert local URL\]](#)



CBR
FIREBLADE



TITANIUM EXHAUST

AKRAPOVIČ®

KERB WEIGHT

201 KG

9-LEVEL

HSTC Honda Selectable
Torque Control



PUTTING THE R INTO THE CBR

The CBR650R has honed its racetrack DNA for aggressive road performance. From the free-spinning inline four-cylinder, DOHC 16-valve engine there's an exhilarating 12,000rpm redline, 70kW peak power and 63Nm torque to enjoy. There's also an easy 35kW conversion available from Honda dealers, for A2 licence holders. An assist & slipper clutch eases upshifts and manages hard down changes, while Honda Selectable Torque Control (HSTC) maintains rear wheel traction. And, with no loss of performance, the engine is EURO5 compliant thanks to detail changes in the collector box and muffler.

This razor-sharp bike also lives for the corners. New, 41mm Showa Separate Fork Function Big Piston (SFF-BP) USD forks offer precise suspension control, with balanced spring-rate and damping for a direct connection to the beautifully weighted front tyre, while the 180-section rear has huge grip. Powerful braking is provided by dual, four-piston radial-mount front calipers and 310mm floating discs and 240mm disc at rear.

Styled by speed, dual LED headlights feature new reflectors and lead the uncompromising angles, mirrored by the minimal seat unit and slim side panels. Handlebars clip-on below the top-yoke and the LCD instruments are even easier to read. Emergency Stop Signal (ESS) technology activates the rear hazards hard stopping conditions.

KEY FEATURES

- LIQUID-COOLED, 16V FOUR-CYLINDER ENGINE
- A2 LICENCE CONVERSION AVAILABLE
- PGM FUEL INJECTION
- ASSIST & SLIPPER CLUTCH
- HONDA SELECTABLE TORQUE CONTROL (HSTC)
- 41MM SHOWA SEPARATE FORK FUNCTION BIG-PISTON (SFF-BP) USD FORKS
- DUAL FRONT FOUR-PISTON RADIAL-MOUNT CALIPERS
- EMERGENCY STOP SIGNAL (ESS) TECHNOLOGY

Find out more at
[\[insert local URL\]](#)



CBR
650R





MAX POWER OUTPUT

70 kw @ 12,000 rpm

MAXIMUM TORQUE

63 Nm @ 9,500 rpm

HONDA SELECTABLE TORQUE CONTROL

HSTC



Location photos show 19YM CBR650R.

MOVING UP

The CBR500R is every inch a CBR, which means it's one of the sharpest tools in our toolbox. Sharp, aggressive lines incorporate unique aerodynamic winglets, for high-speed stability. Its powerful, A2 licence-compliant twin-cylinder engine gives you elastic, enjoyable power, with strong mid-range torque between 3,000 and 7,000rpm, making every corner exit a moment to savour. And, just like its larger CBR siblings, an assist and slipper clutch eases upshifts and prevents rear wheel lock-up on rapid downshifts.

To enhance rider feedback the steel diamond-tube frame has a tuned rigidity balance and the engine is close to the swingarm pivot point, for fast steering and easy handling. The 41mm telescopic forks are adjustable for spring preload, as is the Pro-Link rear monoshock. Lightweight, 17-inch cast aluminium wheels wear 120/70-ZR17 front and 160/60-ZR17 rear tyres, for a great balance between good grip and light, neutral steering.

The view forward is pure sports, with clip-on handlebars mounted below the top yoke and fuel tank carefully shaped to cut down on excess bulk; seat height is an easy-to-manage 785mm. A sporty, negative-display LCD dash features Gear Position and Shift Up indicators. All lighting is premium LED and Emergency Stop Signal (ESS) technology activates the rear hazards under hard-stop conditions.

KEY FEATURES

- A2 LICENCE COMPLIANT
- LIQUID-COOLED, 8V TWIN-CYLINDER ENGINE
- PGM FUEL INJECTION
- ASSIST & SLIPPER CLUTCH
- ADJUSTABLE PRO-LINK REAR SUSPENSION
- 320MM WAVY FRONT DISC & TWO-PISTON CALIPER
- FULL LED LIGHTING
- EMERGENCY STOP SIGNAL (ESS) TECHNOLOGY

Find out more at
[\[insert local URL\]](#)



CBR
500R





A2 LICENCE COMPLIANT

MAX TORQUE

43 Nm @ 6,500 rpm

MAX POWER OUTPUT

35 kW @ 8,600 rpm



Location photos show 19YM CBR500R.

SPECIFICATIONS

CBR1000RR-R FIREBLADE SP

CBR1000RR-R FIREBLADE

ENGINE

Engine Type	Water-cooled, 4-stroke, DOHC, inline 4-cylinder
Engine Displacement	1,000 cc
Max. Power Output	160 kW @ 14,500 rpm
Max. Torque	113 Nm @ 12,500 rpm
Fuel Consumption / CO ₂ emissions	6.3 l/100km / 148 g/km

Engine Type	Water-cooled, 4-stroke, DOHC, inline 4-cylinder
Engine Displacement	1,000 cc
Max. Power Output	160 kW @ 14,500 rpm
Max. Torque	113 Nm @ 12,500 rpm
Fuel Consumption / CO ₂ emissions	6.3 l/100km / 148 g/km

CHASSIS, DIMENSIONS AND WEIGHT

Length x Width x Height (mm)	2,100 x 745 x 1,140
Seat Height (mm)	830
Wheelbase (mm)	1,460
Kerb Weight (kg)	201

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Seat Height (mm)	830
Wheelbase (mm)	1,460
Kerb Weight (kg)	201

WHEELS, SUSPENSION AND BRAKES

Brakes (Front/Rear)	330mm double disc with radial-mount Brembo 4-piston caliper / 220mm disc with Brembo 2-Piston caliper
Tyres (Front/Rear)	120/70-ZR17 / 200/55-ZR17
Suspension Front	Ohlins NPX S-EC 43mm telescopic fork
Suspension Rear	Ohlins TTX36 S-EC Pro-Link swingarm

Brakes (Front/Rear)	330mm double disc with radial-mount NISSIN 4-piston caliper / 220mm disc with Brembo 2-Piston caliper
Tyres (Front/Rear)	120/70-ZR17 / 200/55-ZR17
Suspension Front	Showa BPF 43mm telescopic fork
Suspension Rear	Showa BFR-C Pro-Link swingarm



Grand Prix Red

Mat Pearl Morion Black



Grand Prix Red

Mat Pearl Morion Black

CBR650R

Liquid-cooled 4 stroke DOHC inline-4

649 cc

70kW @ 12,000 rpm

63Nm @ 9,500 rpm

4.9 l/100 km / 112 g/km

2,120 x 750 x 1,150

810

1,450

208

2 Channel ABS, 310mm Double disc with four piston caliper / 240 disc with single piston caliper

120/70ZR17M/C / 180/55ZR17M/C

Showa separate function fork (SFF) USD 41mm

Pro-Link® mono with 10 stage Preload adjuster, Aluminium Cast swingarm



Grand Prix Red



Mat Gunpowder Black Metallic

CBR500R

Liquid-cooled 4-stroke DOHC parallel twin

471 cc

35 kw @ 8,600 rpm

43 Nm @ 6,500 rpm

3.5 l/100 km / 80 g/km

2,080 x 755 x 1,145

785

1,410

192

2 Channel ABS, 320mm disc with two piston caliper / 240 disc with single piston caliper

120/70ZR-17M/C / 160/60ZR-17M/C

Conventional telescopic, 41 mm, pre-load adjustable.

Pro-Link® mono with 5 stage Preload adjuster, steel square pipe swingarm



Grand Prix Red



Mat Axis Gray Metallic



Pearl Metalloid White

HONDA TECHNOLOGY

Honda has developed and applied many innovative technologies for its motorcycle range, designed to have the greatest possible benefit for you and the world around you.



ANTI-LOCK BRAKING SYSTEM

Reduces braking pressure by monitoring the wheel speed, preventing the wheels from locking up.



EURO 5

Complies with EURO 5 emissions regulations.



HONDA ELECTRONIC STEERING DAMPER

Minimises sudden steering changes at high speeds for enhanced riding ease and comfort.



HONDA EVOLUTIONAL CATALYSING SYSTEM

Oxygen-sensing system maintains an optimal air/fuel mixture for the most effective catalytic reduction of exhaust emissions.



HONDA IGNITION SECURITY SYSTEM

Only allows the bike to be started by its original encoded keys to effectively protect against theft.



HONDA SELECTABLE TORQUE CONTROL

If the Honda Selectable Torque Control (HSTC) system senses an imminent loss of rear wheel traction it reduces torque to allow the tyre to grip.



LED LIGHTS

Brighter and more energy efficient than traditional bulbs, with no time delay and a longer life.



PROGRAMMED DUAL FUEL INJECTION

Map-type computerised system maintains strong power and responsive performance in all conditions.



PROGRAMMED FUEL INJECTION

Map-type computerised system maintains strong power and responsive performance in all conditions.



RADIAL MOUNT CALIPER

Offers better alignment to the disc and rigidity. Radial-mount calipers are secured and supported at both ends providing less caliper flex and better braking performance.



SMART KEY

This innovative technology improves both convenience and security. As long as your key is in your pocket or bag, you can release the seat and start the engine with the press of a button.



START MODE

Limits engine rpm based on rider preference, even with a wide-open throttle, letting the rider focus on clutch release (and lights) alone.



WHEELIE CONTROL

The IMU measures the pitch angle and, combined with front and rear wheel speed, manages the amount of height the front wheel gathers relative to the level of intervention selected. Level 1 is minimum Wheelie Control, level 2 medium and level 3 maximum. Wheelie Control can also be switched off completely.



FIND OUT MORE BY VISITING OUR WEBSITE OR DOWNLOADING THE HONDA MOTORCYCLES EXPERIENCE APP.



HONDA MOTORCYCLES EXPERIENCE

Play around with various configuration options of your 3D bike in 360 view and transform it into your own environment with the Augmented Reality mode. Make sure to take a photo and share with your friends on Social Media. Take the first picture with your bike before you even order it. You can even locate your nearest Honda dealer and book a test ride to try out your dream bike.





HONDA
The Power of Dreams

DREAMS REALLY DO COME TRUE

Soichiro Honda said,

“There are qualities which lead to success. Courage, perseverance, the ability to dream and to persevere.”

Honda's philosophy in dreaming of a better world for people catalysed the invention of the ASIMO, HondaJet, NSX and the legendary Africa Twin. Dreams can be powerful, they push you to achieve more, to explore new ideas, new technologies and uncover new ways of solving problems. It takes independent thinking and audacity to pursue dreams. It also takes passion and innovation to never allow the dream to die and to shape them into a reality for the modern-day world.





CBR
FIREBLADE



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RIDE WITH STYLE Read the owner's manual thoroughly. Get to know your machine and its capabilities. Concentration assists anticipation. Observe other road users' movements. Brake in plenty of time. Always wear a helmet and quality kit, ride fit and NEVER after drinking alcohol. Good roadcraft and courtesy identify the skilled and stylish rider. Honda endorse the law that all helmet visors must comply with BS 4110. Visors that transmit less than 50% of visible light cannot legally be used on the road.

Honda Motor Europe - Motorcycles
Cain Road, Bracknell, Berkshire, RG12 1HL England
insert local URL here



Please don't bin me.
Pass me on to a
friend or recycle me.

Honda Motor Europe sources
paper responsibly from
manufacturers within the EU.



BLUE SKIES FOR
OUR CHILDREN