



HORNET 4.0



SHAKE UP THE HIVE

Get ready for a thrilling rush

Get ready for a game-changing revolution with the new Honda CB750 Hornet. Fuelled by a state-of-the-art, parallel twin-cylinder engine that unleashes unrivalled power and mated to a lightweight, nimble chassis and Showa suspension specifically refined for sports performance, the Hornet has a serious sting in its tail. Embraced within its captivating streetfighter design, the Hornet boasts an unyielding, minimalist aesthetic that commands attention.

But that's not all. Prepare to be captivated by the cutting-edge electronics that elevate the Hornet to new heights. Equipped with advanced features like HSTC (Honda Selectable Torque Control), Wheelie Control, and a 5-inch TFT screen, this machine seamlessly blends innovation with adrenaline-pumping performance. The new Hornet is here to redefine what it means to truly enjoy the thrill of the open road.



FEEL THE STING

More power and less weight means more sting.

Experience the perfect blend of mid-range torque and top-end power with the 755cc, short stroke twin-cylinder engine. With pumped-up vortex intake efficiency and super sport-spec cylinder technology, it unleashes 67.5kW at 9,500rpm and 75Nm of torque at 7250rpm. Weighing just 190kg, the Hornet combines immense power with a lightweight frame. The 270° crankshaft delivers an off-beat low and mid-rpm character. The exhaust note ranges from a rich pulse to a raucous howl at high rpm. Get ready for an unmatched ride of power, finesse and exhilaration.



THE HEART OF THE BUZZ

Next-generation engine design at its best.

Our goal: To engineer a twin-cylinder engine that defies expectations with its lightweight design and unparalleled power. To achieve razor-sharp pick-up and instantaneous throttle response, we employed ground-breaking technology. Patented Vortex flow ducts create a seamless and consistent distribution, channelling air from the side scoops into the airbox, which in turn feeds the downdraft intakes and impressive 46mm diameter throttle bodies.

Inspired by the fierce spirit of our competition ready CRF450R motocross bike, we integrated the compact, 8V Uni-cam head into the Hornet. Its short stroke of 63.5mm, coupled with an 87mm bore, delivers astounding high-rpm performance, and with a

compression ratio of 11.0:1 and Ni-Sic coating on the cylinders, used in the CBR1000RRR Fireblade and CRF450R, we've reduced friction and heightened durability at elevated revolutions. An assist/slipper clutch, with oblique layout disc segments, offers light lever feel, eases up shifts and manages rear wheel hop under hard braking and rapid down changes.

By eliminating the need for a balancer drive gear, we entrusted the primary drive gear to assume dual responsibilities by spinning the balance shaft as well. This innovation minimizes mass and enhances the engine's efficiency. We also concealed the water pump within the left-hand engine cover, eliminating the necessity for a separate water-cooled oil cooler. Prepare to be captivated by the harmony of lightweight construction, cutting-edge technology, and breath-taking power.





HARNESS UNPARALLELED CONTROL WITH CUTTING-EDGE RIDING TECHNOLOGY

Take full control

The introduction of Throttle By Wire (TBW) technology ensures unparalleled precision, offering three default riding modes: Sport, Standard, and Rain. With a customisable User mode, allows you to fine-tune the Honda Selectable Torque Control (HSTC) and Wheelie Control across three adjustable levels. Take control of your ride like never before by individually adjusting the Engine Power and Engine Braking to suit your desired riding characteristics.

STANDARD

Standard mode is a midway setting that uses level 2 setting for EP, EB and HSTC.

SPORT

Sport mode uses level 3 EP and level 1 EB and HSTC to deliver maximum performance with minimum intervention

USER

User mode allows the rider to choose between the 3 settings for each parameter and save the setting for future use.

RAIN

Rain mode employs the lowest EP setting, level 1, for the least aggressive power delivery with level 2 EB and 3 HSTC.



Ease and elegance blend seamlessly with the Hornet's 5-inch full-colour TFT display which offers an array of displays and functionality. The instruments comprise a 5-inch, full colour high-visibility TFT screen, which offers four types of speed/rpm display – analogue or bar, according to rider preference – as well as fuel gauge/consumption, riding mode selection/engine parameters, gear selected and customisable shift-up point on the rev-counter. Management is via the screen and switchgear on the left handlebar.

Also incorporated into the interface is the Honda Smartphone Voice Control system, which links the rider to their Android while on the move and allows voice management of phone calls, messages, music and navigation.*

For those seeking an extra dose of performance, an adjustable quick shifter is optionally available for the six-speed gearbox. This feature enables instant, full-throttle upshifts and clutch-less downshifts with auto-blips, delivering an exhilarating and seamless riding experience.

ADD YOUR OWN STYLE

Make the Hornet Yours

A full range of accessories are available for the Hornet, ready for personalisation to an owner's preference and use.

For aggressive sports riding, or more relaxed touring a quickshifter offers instant, full throttle upshifts and clutch less downshifts with auto blip function. The lever load sensitivity can be adjusted in 3 stages to suit preference.



The rear seat cowl adds singleseat sports appeal, while a stitched rider's seat, a brand-new design finished in grey/black, exudes premium appeal and elevates comfort. Also new are the aluminium barend weights, handlebar upper clamp holder, fly screen, wheel stripes, rider footpegs and protective skid bungs.

Practicality has not been forgotten. A tank bag and seat bag provide softluggage convenience, while a new rear pannier design offers hardluggage security. For rider comfort, heated grips are also available.



SPORT

- RR Seat Cowl
- Quick Shifter
- Meter Visor
- Rider Foot Peg



STYLE

- Tank Pad
- Grip End
- Handle Holder
- Wheel Stripe



TOURING

- Side Bag & ATT
- Rear Seat Bag & ATT
- Tank Bag (3L)



UNBRIDLED AGGRESSION

Ignite Your Senses with Pure Naked Energy

Designed by our Rome R&D team and influenced by Japanese engineers, the Hornet exudes a sharp minimalism, reminiscent of its legendary predecessor. The Hornet's steel diamond frame is lightweight, at just 16.6kg, and the attention-commanding fuel tank, inspired by a Hornet's wing, pairs with a vibrant metallic red frame and anodized front forks (available in white) to deliver a sporty look. The matte goldfinch yellow option pays tribute to the Hornet's heritage with a modern twist. With full LED lighting, auto-cancel indicators, and Emergency Stop Signal (ESS) Technology, the Hornet ensures safety and style in every ride. Usability, for all riders, is also inherent to the design.



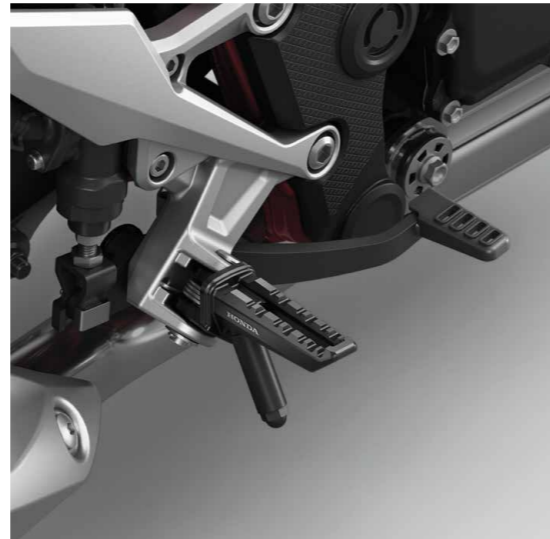
AN AGILE BEAST

The Hornet was built for corners.

The CB750 Hornet is built around a lightweight steel diamond frame, weighing a mere 16.6kg. With a comfortable seat height of 795mm and naturally upright riding position, coupled with wide handlebars and a kerb weight of 190kg, the Hornet grants precise control and responsiveness. Rake and trail are set at 25° and 99mm, with wheelbase of 1,420mm. Showa 41mm Separate Function Fork Big Piston (SFF-BPTM) USD forks and Pro-Link rear shock provide excellent feedback.

Featuring a 130mm travel, the suspension system optimises both reaction to changes in road surface and overall ride quality through a clever division of functions. In one leg, a big Piston pressure separation damper takes charge, while the other leg houses a spring mechanism. By strategically separating these functions, it achieves the perfect balance for an enhanced riding experience.

Equipped with 120/70-ZR17 front and 160/60-ZR17 rear tyres, there is ample grip for confident riding, and the Nissin 4-piston radial-mount front callipers deliver exceptional stopping power with the assistance of 298mm discs. The rear shock absorber operates through the steel swingarm via Pro-Link and offers 150mm travel. Its design ensures excellent response and temperature management; it features 5-stage preload adjustment with spring rate and damping settings optimised to match the forks.



ENTHUSIAST. RIDER. DREAMER.

At Honda, we don't believe in taking the easy way out. Never settle. Never rest. That's what we believe.

It's a philosophy that means we never feel like we are done. It's why we never stop questioning the limits of every Motorcycle. Why we never stop striving for success, pushing innovation, engineering and development to the very limit. And then doing it again. And again. It's why we're constantly pioneering engineering firsts – like the inline 4-stroke engine, dual-clutch transmission, or the motorcycle airbag. It's why we go beyond the existing, unafraid to challenge the status quo of the motorcycle market. That's the restless spirit that drives us forwards and is passed on to every Honda rider, pushing them on to their next adventure. On to the joy of true freedom. On to the next big dream. Because, after all, it's our dreams that move us.

SPECIFICATIONS



ENGINE	
Type	Liquid-cooled OHC 4-stroke 8-valve Parallel Twin with 270° crank and uni-cam
Displacement	755cc
Bore & Stroke (mm)	87mm x 63.5mm
Compression Ratio	11.0:1
Maximum Power (kW @ rpm)	67.5 / 9,500
Maximum Torque (Nm @ rpm)	75 / 7,250
Noise Level	L-WOT 73.5Db / L-URBAN 77.5Db
Maximum Speed (km/h)	205
Oil Capacity (L)	3.8
Starter	Electric
FUEL SYSTEM	
Carburation	PGM-FI Electronic Injection
Fuel Tank Capacity	15.2L
CO ₂ Emissions (WMTC)	100 g/km
Fuel Consumption (WMTC)	23km/l - 4.35l/100km
ELECTRICAL SYSTEM	
Battery Capacity	12v 7.4Ah
DRIVETRAIN	
Clutch Type	Wet multiple, Assisted Slipper Clutch
Transmission Type	6 Speed Manual Transmission
Final Drive	Chain
DIMENSIONS & CAPACITIES	
Frame Type	Steel diamond
Length Overall (mm)	2090
Width Overall (mm)	780
Height Overall (mm)	1085
Wheelbase (mm)	1420
Caster Angle	25 degrees
Trail (mm)	99
Seat Height (mm)	795
Ground Clearance (mm)	140
Kerb Weight (kg)	190
Turning Radius (m)	2.7
SUSPENSION	
Type Front	Showa 41mm SFF-BPTMTM USD, 130mm travel
Type Rear	Monoshock damper, Pro-Link swingarm, 150mm travel
WHEELS	
Wheels Front	5Y-Spoke Cast Aluminium
Wheels Rear	5Y-Spoke Cast Aluminium
Tyres Front	120/70ZR17
Tyres Rear	160/60ZR17

BRAKES	
ABS System Type	2 Channel
Type Front	Dual 296mm x 4mm disc with Nissin radial mount 4 piston calipers
Type Rear	Single 240mm x 5mm disc with single piston caliper
INSTRUMENTS & ELECTRICS	
Instruments	TFT
Headlight	LED
Taillight	LED
Connectivity	HSVC
USB	Type C
Auto Winker Cancel	Yes
Security System	HISS (Honda Intelligent Security System)
Additional Features	ESS, 4 Riding Modes

*All specifications are provisional and subject to change without notice.

Please note that the figures provided are results obtained by Honda under standardised testing conditions prescribed by WMTC. Tests are conducted on a rolling road using a standard version of the vehicle with only one rider and no additional optional equipment. Actual fuel consumption may vary depending on how you ride, how you maintain your vehicle, weather, road conditions, tire pressure, installation of accessories, cargo, rider and passenger weight, and other factors.

COLOURS

The Hornet will be available in the following colour options:



● Pearl Glare White

● Mat Goldfinch Yellow

HONDA

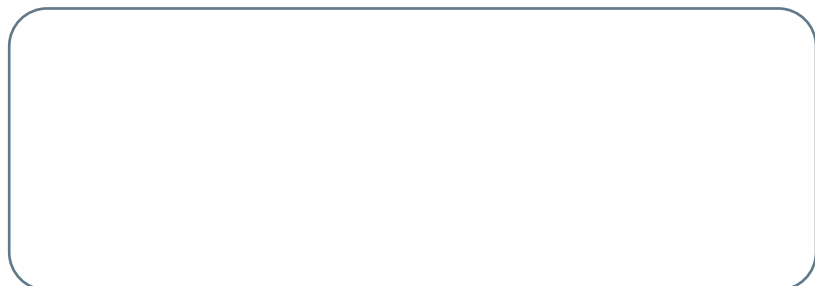
The Power of Dreams



Scan me for more information

Indicated CO₂ and fuel consumption figures quoted are obtained when testing the vehicle in line with the compulsory requirements of SANS 20083 and therefore may not necessarily be achieved under day-to-day driving conditions. Actual fuel consumption figures may be influenced by a range of factors, including but not limited to vehicle maintenance, driving style and behaviour. Fuel consumption may be further affected by the environmental factors and conditions under which the vehicle is operated including altitude, road condition and traffic flow. The figures used in this guide should therefore be treated as indicative only.

Honda Motor Southern Africa (Pty) Ltd. reserves the right to change and modify equipment or specifications at any time without prior notice. The models illustrated in this brochure may show specifications for various markets and not specifically for Southern Africa. They may include optional equipment and accessories not fitted as standard. Subject to error. For precise information, please contact your Honda Dealership. © Honda Motor Southern Africa (Pty) Ltd. Not to be reproduced wholly or in part without written permission from Honda Motor Southern Africa (Pty) Ltd. Warranty and Service details may differ outside of South Africa.



www.honda.co.za

June 2023

08ASA-OTA-CB750B