

2004 HORNET 900 PRESS INFORMATION

Exciting streetfighter style... and the performance to back it up. The Hornet 900 packs a mean punch into its compact and stripped naked proportions. Power? Lots of it, rippling out of the same fuel-injected inline-4 engine originally developed for the legendary FireBlade, and specially tuned for stronger low-to-midrange grunt that lights up in an eye-opening flash from just about anywhere in its wide powerband. Handling? Swift and agile thanks to its spare yet strong Mono-Backbone frame, lightweight aluminium swingarm and Monoshock rear suspension, not to mention those big, racing class dual 4-pot front brakes to pull you down to cornering speed in a hurry. Looks? Simple is best, and the Hornet's fearsome aggressiveness is highlighted by its prominently positioned engine and the pair of cannon-like silencers positioned under its slim and sleek seat cowl. It's the thrill of the ride that sets your soul on fire, then it's the Hornet 900 you need to spark that flame.

Colours

- Matte Caledonite Blue Metallic
- Digital Silver Metallic
- Black

New Features

- New adjustable front fork preload and rebound damping, and rear damper rebound damping added.
- New chrome-plated lower meter case shell replaces current black plastic piece. New digital LCD clock display also added.
- New low-emissions catalyser system adapted to all European versions for full compliance with EURO-2 emissions regulations.
- Fuel injection system mapping reprogrammed for enhanced driveability.
- Pillion seat pan construction reinforced to prevent damage to rear cowl.
- New set of 2 fold-out bungee strap hooks added (for a total of 4 hooks).
- New colour variations include first ever matte-finish 'colour' (outside of black and silver, etc.) used on a Honda motorcycle.

Specifications

Hornet 900 (ED-type)

Engine

| | |
|-------------------|---|
| Type | Liquid-cooled 4-stroke 16-valve DOHC inline-4 |
| Displacement | 919cm ³ |
| Bore x Stroke | 71 x 58mm |
| Compression Ratio | 10.8 : 1 |
| Max. Power Output | 80kW/9,000min ⁻¹ (95/1/EC) |
| Max. Torque | 91Nm/6,500min ⁻¹ (95/1/EC) |
| Idling Speed | 1,200min ⁻¹ |
| Oil Capacity | 4.4 litres |

Fuel System

| | |
|--------------------|---------------------------------------|
| Carburation | PGM-FI electronic fuel injection |
| Throttle Bore | 36mm |
| Aircleaner | Dry, cartridge-type paper filter |
| Fuel Tank Capacity | 19 litres (including 4-litre reserve) |

Electrical System

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|------------------|--|
| Ignition System | Computer-controlled digital transistorised with electronic advance |
| Ignition Timing | 8° BTDC (idle) ~ 38° BTDC (5,500min ⁻¹) |
| Sparkplug Type | CR8EH-9 (NGK); U24FER9 (ND) |
| Starter | Electric |
| Battery Capacity | 12V/10AH |
| ACG Output | 380W |
| Headlight | 12V 55W x 1 (low) / 60W x 1 (high) |

Drivetrain

| | |
|-------------------|-----------------------------------|
| Clutch | Wet, multiplate with coil springs |
| Clutch Operation | Mechanical; cable-actuated |
| Transmission Type | 6-speed |
| Primary Reduction | 1.520 (76/50) |
| Gear Ratios | 1 2.769 (36/13) |
| | 2 2.000 (26/13) |
| | 3 1.600 (24/15) |
| | 4 1.368 (26/19) |
| | 5 1.227 (27/22) |
| | 6 1.130 (26/23) |

| | |
|-----------------|---------------------|
| Final Reduction | 2.688 (43/16) |
| Final Drive | O-ring sealed chain |

Frame

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|------|---------------------|
| Type | Diamond; steel tube |
|------|---------------------|

Chassis

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|------------------------|----------------------------|
| Dimensions (LxWxH) | 2,125 x 750 x 1,085mm |
| Wheelbase | 1,460mm |
| Caster Angle | 25° |
| Trail | 98mm |
| Turning Radius | 2.8m |
| Seat Height | 795mm |
| Ground Clearance | 145mm |
| Dry Weight | 194kg |
| Kerb Weight | 218kg (F: 108kg; R: 110kg) |
| Max. Carrying Capacity | 188kg |
| Loaded Weight | 406kg (F: 167kg; R: 239kg) |

Suspension

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|------|---|
| Type | Front 43mm cartridge-type telescopic fork, 120mm axle travel |
| | Rear Monoshock damper with 7-step adjustable preload, 128mm axle travel |

Wheels

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|---------------|--|
| Type | Hollow-section triple-spoke cast aluminium |
| Rim Size | Front 17M/C x MT3.50 |
| | Rear 17M/C x MT5.50 |
| Tyre Size | Front 120/70 ZR17M/C (58W) |
| | Rear 180/55 ZR17M/C (73W) |
| Tyre Pressure | Front 250kPa |
| | Rear 290kPa |

Brakes

| | |
|------|--|
| Type | Front 296 x 4.5mm dual hydraulic disc with 4-piston callipers, floating rotors and sintered metal pads |
| | Rear 240 x 5mm hydraulic disc with single-piston calliper and sintered metal pads |

All specifications are provisional and subject to change without notice.