

2007 HORNET 900 PRESS INFORMATION

Mean streetfighter style and breathtaking performance that comes on strong at twist of its throttle. The always-exciting Hornet 900 never fails to deliver breathtaking jolts of low-to-midrange power rippling out of the same fuel-injected inline-4 engine originally developed for the legendary Fireblade. Its handling is swift and agile thanks to its spare Mono-Backbone frame, lightweight aluminium swingarm and Monoshock rear suspension, not to mention those big tyres and racing class 4-pot dual front brakes to pull you down to cornering speeds in a hurry. Visually, the fearsome Hornet highlights its prominently positioned engine as its focus of attention, and the pair of big gun silencers sticking threateningly out under its slim and sleek seat cowl foretell conquests to come. If the thrill of the ride sets your soul on fire, then count on the Hornet 900 to spark that flame.

Colours

- **Candy Blaze Orange**
- **Digital Silver Metallic**
- **Graphite Black**

New Features

- **New colour variations.**

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 |
| Airecleaner | Dry, cartridge-type paper filter |
| Fuel Tank Capacity | 19 litres (including 4-litre reserve) |

Electrical System

| | |
|------------------|--|
| 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 |
| Headlights | 12V, 55W x 1 (low) / 60W x 1 (high) |

Drivetrain

| | |
|-------------------|-----------------------------------|
| Clutch | Wet, multiplate with coil springs |
| Clutch Operation | Mechanical; cable-actuated |
| Transmission | 6-speed |
| Primary Reduction | 1.520 (76/50) |
| Gear Ratio | 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

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

Chassis

| | | |
|------------------------|---------|----------------------------|
| 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

| | | |
|------|-------|---|
| Type | Front | 43mm cartridge-type telescopic fork with stepless preload and rebound damping adjustment, 120mm axle travel |
| | Rear | Monoshock damper with 7-step spring preload and stepless rebound damping adjustment, 128mm axle travel |

Wheels

| | | |
|---------------|-------|--|
| Type | Front | Hollow-section triple-spoke cast aluminium |
| | Rear | 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.