

# 2004 SHADOW 125 PRESS INFORMATION

One of the most inviting American Classic cruisers in the entire 125cc class, the fun and friendly Shadow 125 features the look, the styling and the proportions of a larger machine, but feels light, comfortable and confident on the move. Just the thing new riders need to build skills and confidence while maximising their riding enjoyment. Its low saddle-type seat, wide pull-back bars and forward-mounted pegs provide a comfortably laid-back riding position and an easy reach to the ground, while its strong and responsive liquid-cooled V-twin engine churns out a satisfying surge of torque-filled acceleration accompanied a pulsating growl of impressive performance. Detailing, of course, is the best in its class, with the shine of chrome visible everywhere from its headlight and large, tank-mounted meter pod to its gorgeous 2-into-1 exhaust system. Rest assured the Shadow is also one of the most solid and reliable bikes on the road, and is just as economical to run as it is to buy. Who could ask for anything more?

## **Colours**

- Black
- Carnelian Red Metallic

## **New Features**

- New colour variation.

**Specifications****Shadow 125 (ED-type)****Engine**

Type	Liquid-cooled 4-stroke 4-valve SOHC 90° V-twin
Displacement	125cm <sup>3</sup>
Bore x Stroke	42 x 45mm
Compression Ratio	11.8 : 1
Max. Power Output	11kW/11,000min <sup>-1</sup> (95/1/EC)
Max. Torque	10.5Nm/8,500min <sup>-1</sup> (95/1/EC)
Idling Speed	1,500min <sup>-1</sup>
Oil Capacity	1.5 litres

**Fuel System**

Carburation	22mm VP-type carburettor x 2
Aircleaner	Viscous, cartridge-type paper filter
Fuel Tank Capacity	14.5 litres (including 2.1-litre reserve)

**Electrical System**

Ignition System	Dual digital transistorised with electronic advance
Ignition Timing	12° BTDC (idle) ~ 45° BTDC (4,500min <sup>-1</sup> )
Sparkplug Type	CR8EH-9 (NGK); U24FER9 (ND)
Starter	Electric
Battery Capacity	12V/6AH
ACG Output	260W
Headlight	12V 55W x 1 (low) / 60W x 1 (high)

**Drivetrain**

Clutch	Wet, multiplate with coil springs
Clutch Operation	Mechanical; cable-actuated
Transmission Type	5-speed
Primary Reduction	3.722 (67/18)
Gear Ratios	1 3.083 (37/12) 2 1.933 (29/15) 3 1.428 (30/21) 4 1.173 (27/23) 5 1.000 (25/25)
Final Reduction	2.928 (41/14)
Final Drive	Roller chain

## **Frame**

Type Double-cradle; steel tube

## **Chassis**

Dimensions (LxWxH) 2,300 x 890 x 1,110mm  
Wheelbase 1,530mm  
Caster Angle 32°  
Trail 122mm  
Turning Radius 2.7m  
Seat Height 680mm  
Ground Clearance 145mm  
Dry Weight 146kg  
Kerb Weight 162kg (F: 75kg; R: 87kg)  
Max. Carrying Capacity 180kg  
Loaded Weight 311kg (F: 101kg; R: 210kg)

## **Suspension**

Type Front 35mm telescopic fork, 110mm axle travel  
Rear Dual dampers with adjustable spring preload, 81mm axle travel

## **Wheels**

Type Steel rim/wire spoke  
Rim Size Front 17M/C x MT2.15  
Rear 15M/C x MT2.75  
Tyre Size Front 100/90-17M/C 55P  
Rear 130/90-15M/C 66P  
Tyre Pressure Front 200kPa  
Rear 200kPa

## **Brakes**

Front 240 x 4mm hydraulic disc with dual-piston calliper  
Rear 130mm leading/trailing drum

All specifications are provisional and subject to change without notice.