

# 2006 FMX650 PRESS INFORMATION

With aggressive 'Super Motard' styling that turns heads and raises smiles along every road it travels, Honda's bold FMX650 'Fun Moto' gives you a cool, light and lively way to enjoy the ride. Its hard-core street scrambler good looks and relaxed, easy attitude make your time in its saddle as fun as can be. Its strong and reliable air-cooled RFVC (Radial Four Valve Combustion chamber) single-cylinder engine pumps out an exhilarating rush of thumper power accompanied by an invigorating note from its two high-mounted canister exhausts.

The FMX's slim, lightweight chassis and long-travel suspension systems maintain precisely responsive control over a pair of fat, grippy sportsbike tyres for an exciting yet remarkably comfortable ride that really lives up to its Fun Moto moniker. Got a taste for something that's a little bit wild and a whole lot of cool? Well, hop onto the new FMX650 for a high-styling fun ride that will tickle your heart every minute of the day.

## **Colours**

- Ross White (with Orange logo)
- Fighting Red
- Black

## **New Features**

- New colour variation.

<b>Specifications</b>	<b>FMX650 (ED-type)</b>
<b>Engine</b>	
Type	Air-cooled 4-stroke RFVC SOHC single
Displacement	644cm <sup>3</sup>
Bore x Stroke	100 x 82mm
Compression Ratio	8.3 : 1
Max. Power Output	27.7kW/5,750min <sup>-1</sup> (95/1/EC)
Max. Torque	52.3Nm/4,500min <sup>-1</sup> (95/1/EC)
Idling Speed	1,300min <sup>-1</sup>
Oil Capacity	2.5 litres
<b>Fuel System</b>	
Carburation	40mm VE-type carburettor
Aircleaner	Dry, cartridge-type paper filter
Fuel Tank Capacity	11 litres (including 3.8-litre reserve)
<b>Electrical System</b>	
Ignition System	Fully transistorised electronic
Ignition Timing	8° BTDC (idle) ~ 26° BTDC (5,750min <sup>-1</sup> )
Sparkplug Type	DPR8EA-9 (NGK); X24EPR-U9 (ND)
Starter	Electric
Battery Capacity	12V/8AH
ACG Output	210W
Headlights	12V, 55W x 1 (low) / 60W x 1 (high)
<b>Drivetrain</b>	
Clutch	Wet, multiplate with coil springs
Clutch Operation	Mechanical; cable-actuated
Transmission Type	5-speed
Primary Reduction	2.029 (69/34)
Gear Ratios	1 2.666 (32/12) 2 1.750 (28/16) 3 1.250 (25/20) 4 1.000 (23/23) 5 0.800 (20/25)
Final Reduction	3.000 (42/14)
Final Drive	O-ring sealed chain

**Frame**

Type Single Cradle Mono-Backbone; Steel tube

**Chassis**

Dimensions (LxWxH) 2,151 x 823 x 1,157mm  
Wheelbase 1,490mm  
Caster Angle 29° 06'  
Trail 97mm  
Turning Radius 2.4m  
Seat Height 875mm  
Ground Clearance 216mm  
Dry Weight 163kg  
Kerb Weight 170kg (F: 80kg; R: 90kg)  
Max. Carrying Capacity 155kg  
Loaded Weight 325kg (F: 115kg; R: 210kg)

**Suspension**

Type Front 45mm inverted leading-axle telescopic fork, 218mm axle travel  
Rear Pro-Link, 186mm axle travel

**Wheels**

Type Front Aluminium rim/steel spoke  
Rear Aluminium rim/steel spoke  
Rim Size Front 17M/C x MT3.50  
Rear 17M/C x MT4.00  
Tyre Size Front 120/70 R17M/C 58H  
Rear 150/60 R17M/C 66H  
Tyre Pressure Front 200kPa  
Rear 225kPa

**Brakes**

Type Front 296 x 4mm hydraulic disc with dual-piston calliper and sintered metal pads  
Rear 220 x 5mm hydraulic disc with single-piston calliper and sintered metal pads

All specifications are provisional and subject to change without notice.