

2006 FORZA-X FORZA-EX PRESS INFORMATION

A bold and stylish, full-bodied 250cc scooter has taken over the streets, and its name is Forza. With power showing in its form and surging in its step, the Forza prowls the city in search of exciting times. Its beautifully curved aero lines integrate you into a luxurious world of riding enjoyment and effortless cruising of the boulevards.

Powered by a quiet and forceful fuel-injected 250cc liquid-cooled single-cylinder engine, the Forza delivers strong and responsive acceleration with each twist of its throttle, and the lowest emissions in its class. And with its choice of two shift systems, the deluxe Forza-EX can glide smoothly up to speed like a normal scooter, or more aggressively shift gears when you want, at the push of its S-Matic buttons. The Forza-EX also features the superbly smooth and confident stopping power of ABS to complement the 'X's easy-operation Combined Disc Brake system.

Both versions feature one of the largest under-seat carrying spaces to be found on two wheels, easily able to carry an A3-size briefcase or two full-face helmets and much more, while easy access to a pair of large-capacity cockpit compartments make carrying smaller necessities a snap. When you want to get there in style, do it aboard the irresistible Forza.

Colours

- Cyber Silver Metallic
- Pearl Cyber Black
- Delta Blue Metallic (Forza-X only)

Specifications

Forza-X (ED-type)

Engine

Type	Liquid-cooled 4-stroke 2-valve OHC single
Displacement	250cm ³
Bore x Stroke	72.7 x 60mm
Compression Ratio	10 : 1
Max. Power Output	14.3kW/7,500min ⁻¹ (95/1/EC)
Max. Torque	21.1Nm/5,500min ⁻¹ (95/1/EC)
Idling Speed	1,500min ⁻¹
Oil Capacity	1.1 litres

Fuel System

Carburation	PGM-FI electronic fuel injection
Throttle Bore	30mm
Aircleaner	Dry, cartridge-type paper filter
Fuel Tank Capacity	12 litres

Electrical System

Ignition System	Fully transistorised with electronic advance
Ignition Timing	10° BTDC (idle) ~ 33° BTDC (6,500min ⁻¹)
Sparkplug Type	DPR7EA-9 (NGK); X22EPR-U9 (ND)
Starter	Electric
Battery Capacity	12V/11AH
ACG Output	392W
Headlights	12V, 55W x 1 (low) / 55W x 2 (high)

Drivetrain

Clutch Type	Automatic; centrifugal
Transmission Type	V-Matic continuously variable
Belt Converter Ratios	2.450 ~ 0.830
Final Reduction	6.900
Final Drive	V-belt

Frame

Type	Double-cradle centre backbone; steel tube
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Chassis

Dimensions	(LxWxH) 2,165 x 760 x 1,180mm
Wheelbase	1,545mm
Caster Angle	27° 30'
Trail	93mm
Turning Radius	2.7m
Seat Height	720mm
Ground Clearance	140mm
Dry Weight	175kg
Kerb Weight	187kg (F: 77kg; R: 110kg)
Max. Carrying Capacity	180kg
Loaded Weight	375kg (F: 129kg; R: 246kg)

Suspension

Type	Front 33mm telescopic fork, 100mm axle travel Rear Dual-damper unit swingarm, 95mm axle travel
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Wheels

Type	Front U-section triple-spoke cast aluminium Rear U-section triple-spoke cast aluminium
Rim Size	Front 13M/C x MT2.75 Rear 12M/C x MT3.50
Tyre Size	Front 110/90-13M/C 55P Rear 130/70-12 62P
Tyre Pressure	Front 175kPa Rear 200kPa

Brakes

Type	Front 240 x 4mm hydraulic disc with 3-piston calliper and resin mould pads Rear 240 x 5mm hydraulic disc with single-piston calliper and resin mould pads
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Carburation	PGM-FI electronic fuel injection
Throttle Bore	30mm
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Electrical System

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Sparkplug Type	DPR7EA-9 (NGK); X22EPR-U9 (ND)
Starter	Electric
Battery Capacity	12V/11AH
ACG Output	392W
Headlights	12V, 55W x 1 (low) / 55W x 2 (high)

Drivetrain

Clutch Type	Automatic; centrifugal
Transmission Type	Electronic 6-speed; V-Matic continuously variable
Belt Converter Ratios	2.600 ~ 0.830
Final Reduction	6.900
Final Drive	V-belt

Frame

Type	Double-cradle centre backbone; steel tube
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Chassis

Dimensions	(LxWxH) 2,165 x 755 x 1,180mm
Wheelbase	1,545mm
Caster Angle	27° 30'
Trail	93mm
Turning Radius	2.7m
Seat Height	720mm
Ground Clearance	140mm
Dry Weight	183kg
Kerb Weight	195kg (F: 80kg; R: 115kg)
Max. Carrying Capacity	180kg
Loaded Weight	375kg (F: 129kg; R: 246kg)

Suspension

Type	Front 33mm telescopic fork, 100mm axle travel Rear Dual-damper unit swingarm, 95mm axle travel
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Wheels

Type	Front U-section triple-spoke cast aluminium Rear U-section triple-spoke cast aluminium
Rim Size	Front 13M/C x MT2.75 Rear 12M/C x MT3.50
Tyre Size	Front 110/90-13M/C 55P Rear 130/70-12 62P
Tyre Pressure	Front 175kPa Rear 200kPa

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Type	Front 240 x 4mm hydraulic disc with 3-piston calliper, ABS and resin mould pads Rear 240 x 5mm hydraulic disc with single-piston calliper, ABS and resin mould pads
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