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CLASSIC



Sky Deluxe - 991 - E

Introduction

Over the years, Honda has gained a large local following in many parts of Europe with the new trend it has created with its fashionable lightweight scooters. The comfortable, easy riding these scooters offer combines with an unpretentious, go-anywhere, do-anything appeal that has a particular attraction in the warm coastal regions of the Mediterranean.

A major contribution to this appeal is due to the use of large 16-inch wheels instead of the much smaller wheel sizes common to other scooters. Offering easy, agile handling and a smooth ride, the success of this original Honda idea has

caused several competitive models released by other manufacturers to adopt the larger wheel feature as well. Honda now further expands the line-up by taking a new step in advanced design and style with the debut of the Honda Sky Deluxe.



Design Concept

Designed under the guiding motif of a 'Deluxe Scooter', the Sky Deluxe offers a distinctive and luxurious appeal to riders both young and old. Being a trendy, all-purpose runabout with all the trimmings, it definitely is the perfect choice for running the city streets or setting out on carefree trips around town. Its slim, compact shape and roomy riding ergonomics make the Sky a stylish but friendly scooter that is sure to be a smash-hit on the streets of Europe.

Based on the same 16-inch wheel configuration originally introduced on the long-popular SH50 Scoopy, the Honda Sky turns heads with a

modern and uniquely complete look that radiates trendiness and style. Its primary design theme is the simple circle, which reflects itself in the design of the Sky's assorted components. The bodywork's forward section is designed to provide more legroom and greater freedom of movement for a wider range of riders. Likewise, the wider and longer floorboard offers more foot positioning freedom for greater long-term riding. Complementing this, the seat features a long, broad design that offers better manoeuvring freedom for taller riders, while its comfortable height ensures optimal

ease of use for riders big and small. The Sky Deluxe's vivacious style is stressed by an abundant use of chrome plating on the headlight, brake levers, brake pump, instrument panel case, taillight and indicators, as well as the rear carrier, to appeal to the customer who appreciates this added value. Attractive cast aluminium alloy wheels feature a stunning dual-blade, U-section triple-spoke design, while its engine and drivetrain are fully exposed under the back of the seat, rather than hidden away like most scooters.



Colouring Concept

The Honda Sky Deluxe will be released in a radiant 'deluxe' colour variation that reflects a broad spectrum of rider tastes and riding situations. The colouring makes use of strong, contrasting colours to project a dynamic, classy image that is sure to stand out in a crowd.

The slightly mature colour selection offers a stylishly subdued but strong black in combination with a brown seat. The colour variation is supported by chrome-plated trim, which lends sparkling highlights and a modern, high-tech look to the Sky Deluxe's styling.

Colour

- Black
(with Brown seat)



Engine**Smooth and Responsive 2-Stroke Power**

The Honda Sky Deluxe's strong and responsive two-stroke engine has been tuned for optimum low-to-midrange power output to achieve powerful acceleration, while at the same time offering a smooth overall balance of performance. Like most of Honda's scooters, the Sky Deluxe offers the convenience of electric push-button starting combined with a light-action kickstart lever. Its hot-sparking, maintenance-free CDI ensures long-term operation that you can depend on, and its responsive 12mm carburettor features

an automatic choke to ensure quick and easy starts on even the coldest of mornings. Both features combine to providing smooth, strong performance anywhere and anytime.

In addition, a large-volume, low-noise muffler minimizes the potential irritations of resonant two-stroke noise.

High-Accuracy, Integrated Ignition System

The Sky Deluxe is one of the first Honda scooters to use an integrated CDI/coil/ACG/regulator. This compact, one-piece unit ensures high-accuracy ignition timing and a hot spark for fast and easy starts,

and dependable performance.

Its ACG and regulator unit keeps the battery charged and lighting bright, even at leisurely speeds.

V-Matic Stepless Transmission

Honda's proven, V-Matic stepless transmission handles the Sky Deluxe's final drive, delivering strong, smooth, infinitely variable acceleration and linear engine performance all of the time.



Chassis

Simple, Rigid Frame; Light-Handling Suspension

The Honda Sky Deluxe also features a remarkably simple frame that is supported by two lengths of large-diameter steel tubing welded together in a display of advanced CAE design technology. This lightweight, yet rugged frame provides a solid mount for the Sky Deluxe's compliant suspension system and bodywork, ensuring confident handling over a wide range of road surfaces. The seat, fuel tank and other rearward components are supported by a cast aluminium seat-rail that bolts onto the upper rear end of the frame.

The Sky Deluxe's responsive front fork departs from the trailing-link systems used on most comparable scooters, and offers easy handling, strong cornering control and a long 70mm of axle travel. At the rear, the Sky Deluxe's unitary rear swingarm and engine assembly is supported by a single, strong, damper-type suspension with a dual-rate spring that provides assured riding comfort and confidence, even under the most aggressive riding conditions.

Wheels and Brakes

The large-diameter, 16-inch wheels of the Honda Sky Deluxe offer a smoother, more confident ride over

a wider range of road surfaces than provided by the smaller wheels of conventional scooters. Cast in aluminium, they feature an attractive dual-swirl, alternating U-section triple-spoke design, and mount tube-type tyres. For responsive braking control that compliments this larger wheel size, the Sky Deluxe mounts a Grimeca hydraulic front disc brake featuring an ultra-compact opposed dual-piston caliper that grips a 190mm rotor between its asbestos-free resin-mould pads. At the rear, a reliable 110mm leading/trailing shoe drum brake provides confident braking control.



Equipment

- The Honda Sky Deluxe's instrument panel includes speedometer, low-fuel LED warning light and indicator lights centrally positioned in a modern, round, easy-to-see display. Control switches, including a handy push-to-cancel indicator switch, are mounted in motorcycle-type handlebar switch pods for easy operation.
- The chance of sudden, unexpected movement when starting is reduced by an integrated front brake interlock that requires that the hand brake lever be pulled in before the engine can be started.
- A convenient shopping hook located in front of the rider's knees, opposite the seat, makes errands easier by providing a secure place to hang shopping bag handles, straps and other accessories.
- An elegantly chromed compact steel rear carrier offers enough room to mount an optionally available top box for greater carrying convenience.
- The Honda Sky Deluxe's locking flip-up seat conceals fuel and oil fillers while positioning the fuse box in plain view for easy maintenance.
- Its 4.5-litre fuel tank allows for a longer range of riding enjoyment on one tank of petrol.
- A long-life, high-quality, 12-volt maintenance-free (MF) battery eliminates the need for adding water while ensuring a stable electrical charge for non-fading lighting and assured starts. In addition, the battery's smaller size also reduces housing space requirements.
- A steel anti-theft hook allows for secure and convenient lock-up using a U-lock, cable or chain (not included). Located just in front of the centerstand and solidly welded to the underside of the frame, the hook is also heat-tempered for optimal strength against tampering.



Specifications**Specifications****Honda Sky Deluxe (IT-type)**

Engine	Air-cooled 2-stroke single
Bore × Stroke	39 × 41.4mm
Displacement	49cm ³
Compression Ratio	7 : 1
Carburettor	12mm piston-valve type
Max. Power Output	2.53PS/6,500rpm (DGM) (1.86kW/6,500min ⁻¹)
Max. Torque	0.31kg-m/5,500rpm (DGM) (3Nm/5,500min ⁻¹)
Ignition	Capacitor Discharge (CDI)
Starter	Electric/Primary kick
Transmission	V-Matic
Dimensions	(L×W×H) 1,860 × 665 × 1,080mm
Wheelbase	1,230mm
Seat Height	775mm
Ground Clearance	135mm
Fuel Capacity	4.5 litres
Wheels	Front 16 × MT1.50 cast aluminium alloy Rear 16 × MT1.85 cast aluminium alloy
Tyres	Front 2.50-16 (tube-type) Rear 2.75-16 (tube-type)
Suspension	Front 27.2mm grease-damper telescopic fork, 70mm axle travel Rear Unit swingarm, 80mm axle travel
Brakes	Front 190mm hydraulic disc with opposed dual-piston caliper and resin mould pads Rear 110mm leading/trailing drum
Dry Weight	71kg