



MONTESA COTA 4RT 2009 / REPSOL PRESS RELEASE

Santa Perpètua de Mogoda, September 1st 2008

Montesa Honda S.A announces immediate sales of two new models of the fantastic Cota 4RT, the same model that Toni Bou used to defend his World Indoor title, which he already won in the 2007 season, while he continues to be a strong candidate for winning the 2008 World Outdoor Championship.

Montesa's stake in 4-strokes doubtlessly received its own reward in 2006 when it won the 9th Manufacturers Championship, title together with the Continental Championship and Female World Championship won by Laia Sanz. Even though –just three years after breaking into the trial market– the 2007 season saw the Cota 4RT achieve glory through Toni Bou's bringing home the category's Indoor and Outdoor world titles, Montesa also won its 10th Manufacturers title, making this season MONTESA's most successful.

Like all other Montesa Cotas, the 2009 model will be manufactured world wide in Montesa Honda's up-to-date facilities, and will be marketed in both the Cota 4RT and REPSOL versions.

Both models will share the same engine and frame base. Both of these elements, along with the swingarm and the fuel tank, are made of black anodized aluminium, which gives the Cota 4RT an exclusively modern, elegant look.

The engine continues to rely on the modern and reliable technology of 4-strokes fed by PGM-FI, although adjustments have been made to surpass EURO 3 standard requirements. Even so, the magnificent response of the compact 249 cc engine is immediate when open the throttle, while remaining surprisingly progressive.

The suspension systems maintain the exquisite quality of SHOWA components in both trains, while the exclusive rear ProLink system was adopted in order to obtain a high operating level and excellent traction capability under any circumstances.

A novelty in the chassis is the use of new fat-bar handlebars that are stronger and lighter, just like those used by Team Repsol Montesa HRC riders.

The new look is highlighted by the rims, which are finished in attractive anodized gold.

The Cota 4RT REPSOL model is a genuine Race Replica made exclusively for Team Repsol Montesa HCR's most ardent fans. This model will be marketed with a complete kit of high-quality accessories, which include a light set of aluminium brackets and footrests, as well as many carbon fiber parts, including:

- Front headlight plate
- Front fork shields
- Clutch cover protector
- Muffler & exhaust shield
- Front mudguard bracket

As far as design goes, apart from sporting the look of official motorbikes, it is worth mentioning the rims finishing and fuel tank, which are painted in REPSOL orange.

The Montesa Cota 4RT will make its first public appearance on September 21st, coinciding with the last race of the World Outdoor Motocross Championship in Castelloli, Igualada, where Toni Bou may be crowned 2008 World Champion.

Sales Date: October's 1st week
Recommended price: not declared.

Specifications

Montesa COTA 4RT 2009 & REPSOL

ENGINE

Type	Liquid-cooled 4-stroke 4-valve SOHC single
Displacement	249.1 cm ³
Bore × Stroke	76.5 × 54.2 mm
Compression Ratio	10.5 : 1
Idling Speed	1,800 min ⁻¹
Engine Oil Capacity	0.6 litres
Transmission Oil Capacity	0.57 litres

FUEL SYSTEM

Injection	PGM-FI electronic fuel injection
Throttle Bore	28 mm
Air cleaner	Foam
Fuel Tank Capacity	2 litres

ELECTRICAL SYSTEM

Ignition System	Computer-controlled digital transistorised with electronic advance
Ignition Timing	27° BTDC (idle) ~ 45° BTDC (10,000 min ⁻¹)
Sparkplug Type	CR6EH-9 (NGK)
Starter	Primary kick
ACG Output	160 W

DRIVE TRAIN

Clutch	Multiplate with coil springs
Clutch Operation	Hydraulic
Transmission Type	5-speed
Primary Reduction	3.166 (57/18)
Gear Ratios	1 2.800 (42/15) 2 2.384 (31/13) 3 2.000 (30/15) 4 1.272 (28/22) 5 0.814 (22/27)
Final Reduction	4.100 (41/10)
Final Drive	# 520 roller chain

FRAME

Type Diamond; aluminium twin-spar

CHASSIS DIMENSIONS

Dimensions (L×W×H) 2,016 × 830 × 1,130 mm
Wheelbase 1,321 mm
Caster Angle 23°
Trail 63 mm
Turning Radius 2.5m
Seat Height 650 mm
Footrest Height 390 mm
Ground Clearance 335 mm
Dry Weight 73.8 kg

SUSPENSION

Front 39 mm Showa cartridge-type telescopic fork with 22-step compression damping adjustment and 20-step rebound damping adjustment; 175 mm axle travel
Rear Pro-Link with single damper, stepless compression adjustment and 12-step rebound damping adjustment; 170 mm axle travel

WHEELS

Front 21 × 1.60
Rear 18 × MT2.15
Front Tyre 2.75–21 (Pressure: 39 – 44kPa)
Rear Tyre 4.00–18 (Pressure: 29 – 34kPa)

BRAKES

Front 185 × 3.5 mm hydraulic disc with four-piston calliper and sintered metal pads
Rear 150 × 2.5 mm hydraulic disc with double-piston calliper and sintered metal pads

All specifications are provisional and subject to change without notice.