

SHERCO

Motorcycles

2009 Sherco Trials Models

Progress continues in both 2 and 4 stroke models

The new 2009 Sherco trials models continue to make progress in the trials world, maintaining the commitment to continue the evolutionary process in order to provide our customers with a product that offers them a superior motorcycle. Constant improvements in the areas of rideability, competitiveness, reliability and quality are features that define all of the Sherco trials models. These improvements are the result of our constant testing and development in the field and in the lab, which makes us a reference point in the off road motorcycle world.

All of the new 2009 trials models have received significant improvements and design changes that are the result of our ongoing testing and development programs. The result of these changes is a motorcycle that is very balanced and easy to ride, which generates great confidence in the rider, no matter what type of obstacle they are confronted with. One of the most significant items that has been changed is the frame. The geometry has been modified in order to increase the overall balance of the motorcycle. Small changes have been made to the very core of the frame to provide these improvements; an example is the repositioning of the footpegs. These changes when combined together have resulted in a considerable improvement in the neutrality of the frame. These changes have been made to all of the models, both 2T and 4T as they share the same frame. In addition to these changes the suspension system has been reviewed and modified to work in concert with the frame changes. The 2009 models have also received new brake discs that are more precise and effective.

The motor has also received important improvements; the 2.9 2T model incorporates a new cylinder head, a new cylinder, a new piston as well as a new air box. The 3.2 4T engine has an additional crankshaft bearing; it also has a new more powerful radiator fan. It is equipped with the same carburetor that was released on the 10th anniversary special edition models, the SPS (Sherco Prompt System) which provides immediate engine response in any situation, avoiding the common 4T sputter. The graphics are completely new, the motor is black and the body work on the 2T is blue while the body work on the 4T is red.

The 2T and 4T motors have been totally designed and developed by Sherco and incorporate the latest advance in materials and electronic engine management controls. Thanks to the ongoing technical development they have become the most competitive motors in the trials sector. They are also environmentally friendly having obtained the current CO2 emissions certificate for their category. The Sherco motors also comply with the Euro 3 emission regulation for motor vehicles.

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New Features ST 2.5f, ST 2.9f and ST 3.2f

- ✓ New frame geometry and improved balance point
- ✓ Redesigned suspensions adapted to the new geometry
- ✓ New graphics. Blue for 2-stroke models, red for the 4 stroke. Wheels anodized black (2T) and red (4T)
- ✓ New design footpegs
- ✓ New brake discs
- ✓ New rear fender/taillight with license plate support incorporated

Features exclusive to the 2.9 2T engine

- ✓ New design cylinder, cylinder head and piston
- ✓ New airbox

Features exclusive to the 3.2 4T engine

- ✓ SPS carburetion System
- ✓ New ignition advance curve
- ✓ New crankshaft which includes a third bearing
- ✓ New ignition cover
- ✓ New 130 mm diameter radiator fan

ST 2.5 f y ST 2.9 f



ST 3.2 f



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Technical data Sherco Trial Series 2009

Model	ST 2.5 f and ST 2.9 f	ST 3.2 f
Motor	2 stroke - Sherco proprietary design	4 stroke - Sherco proprietary design 4 valve head chain driven cam
Engine Size	2.5 (249.7 c.c.), 2.9 (272 c.c.)	317 c.c.
Bore and Stroke	2.5 (72.8x69mm), 2.9 (76x60 mm)	82 X 60 mm
Cylinder	Nikasil coated cylinder	Nikasil coated cylinder
Lubrication	Unleaded fuel with 2% oil pre-mix	Wet sump pressure lubrication
Starting System	Gear system with folding lever	Gear system with folding lever
Carburetor	Dellorto PHPL26	Keihin 28mm with SPS (Sherco Prompt System)
Exhaust	Stainless steel header pipe with integrated aluminum muffler	Stainless steel header pipe with integrated aluminum muffler
Transmission	5 speed sequential gearbox with security selector system to prevent false shifts. Primary gear drive chain secondary drive	5 speed sequential gearbox with security selector system to prevent false shifts. Primary gear drive chain secondary drive
Clutch	Hydraulic, multidisc in an oil bath	Hydraulic, multidisc in an oil bath
Ignition	Dual Map Leonelli progressive electronic ignition with a balanced magnetic flywheel	Dual Map Leonelli progressive electronic ignition with a balanced magnetic flywheel
Skidplate	Stamped heat treated aluminum	Stamped heat treated aluminum
Frame	Triangulated cross section Chrome-moly	Triangulated cross section Chrome-moly
Fuel tank	Nylon 2.9 liter capacity	Nylon 2.9 liter capacity
Brakes	Hydraulically activated AJP, floating 185 mm front and 145 mm rear	Hydraulically activated AJP, floating 185 mm front and 145 mm rear
Front Suspension	Ceriani 38 mm dia hydraulic telescope fork, 185 mm travel fully adjustable For preload and dampening, anti friction	Ceriani 38 mm. dia hydraulic telescope fork, 185 mm travel fully adjustable For preload and dampening, anti friction
Rear Suspension	coating on the fork tubes, Kevlar Fork protectors Progressive link system with single Olle adjustable shock absorber, 175 mm travel	coating on the fork tubes, Kevlar Fork protectors Progressive link system with single Olle adjustable shock absorber, 175 mm travel
Front Wheel	Morad 21" black anodized aluminum rim and aluminum hub, steel spokes with Michelin tube-type tire	Morad 21" red anodized aluminum rim and aluminum hub, steel spokes with Michelin tube-type tire
Rear Wheel	Morad 18" black anodized aluminum rim and aluminum hub, steel spokes with Michelin tubeless tire	Morad 18" red anodized aluminum rim and aluminum hub, steel spokes with Michelin tubeless tire
Weight	2.5, 2.9 69.5 kg (153 lbs)	73 kg (160.9 lbs)
Wheelbase	1,322 mm (52 inches)	1,322 mm (52 inches)
Ground clearance	305 mm. (12 inches)	305 mm. (12 inches)
Seat Height	625 mm (24.6 inches)	625 mm (24.6 inches)

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ST 2.5 f y ST 2.9 f



ST 3.2 f

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