



2011 Husqvarna TC449

Technical Brief

MSRP: \$7,999

Overview: Nothing will ever be the same in the world of motocross with the advent of Husqvarna's Coaxial Traction System (CTS) found on the 2011 TC449. Radical design, outstanding performance and CTS are just the beginning of the revolution!

Key Features:

- Revolutionary Coaxial Traction System (CTS) for increased traction and stability
- New perimeter frame centralizes mass to optimize handling
- New 46mm Keihin Electronic Fuel Injection (EFI) system
- Electric start
- 4-valve, dual cam cylinder head
- Brembo hydraulic clutch
- Brembo brakes — 260mm front, 240mm rear
- Polished Grimeca front and rear hubs
- 48mm Kayaba closed cartridge forks with adjustable compression and rebound
- Kayaba shock and revised rear linkage
- New airbox

Specifications:

DIMENSIONS/WEIGHT/CAPACITIES:

Wheelbase	58.66 in.
Overall Length	86.93 in.
Overall Width	32.28 in.
Seat Height	37.91 in.
Ground Clearance	13.19 in.
Total Weight (Dry)	238.1 lbs.
Fuel Capacity	1.93 gallons
Oil Capacity	1.04 quarts

FRAME:

Double beam, double cradle and high resistance chromoly steel frame (round and elliptical). Light alloy sub frame

SUSPENSION:

FORK – Kayaba 48mm closed cartridge fork featuring 11.81 inches of front wheel travel. Upside down telescopic fork also features compression and rebound adjustment.

SHOCK – Kayaba single shock with remote reservoir, adjustable spring preload, compression (high and low speed) and rebound damping. Shock delivers 11.81 inches of travel

BRAKES:

Front: Brembo 260mm wave rotor, dual-piston floating caliper; Hydraulic actuation.

Rear: Brembo 240mm wave rotor, single piston floating caliper; Hydraulic actuation.

RIMS/TIRES:

Front: 1.60x21 Excel rim 80/100-21

Rear: 2.15x19 Excel rim 110/90-19

ENGINE:

Type: Single cylinder four stroke

Head: 4-valve Dual Overhead Cam (DOHC)

Displacement: 449.6cc

Bore x Stroke: 98 x 59.6mm

Compression Ratio: 13:1

Starting: Electric start

Clutch: Wet multi-plate with hydraulic control

Cooling: 2 radiators

IGNITION: Electronic with adjustable advance.

Spark Plug NGK CR9EKB

FUEL SYSTEM: E.F.I. Keihin D46

LUBRICATION: Dry sump with two oil pumps, cartridge and oil filters

TRANSMISSION:

Ratios: 1st 32/14

2nd 30/16

3rd 23/15

4th 29/23

5th 24/23