

Fiat 500 TwinAir 85 HP technical specifications

Dimensions	
Length 3546: mm - Width: 1627 mm - Height: 1488 mm - Wheelbase: 2300 mm	
Engine 0.9 TwinAir	
Emissions level	Euro 5
No. of cylinders and arrangement	2, in line, transverse front
Bore x stroke (mm)	80.5x86
Displacement (cm ³)	875
No. of valves per cylinder	4
Compression ratio	10.0:1
Max. power output: CV-EEC (kW-EEC) @ rpm	85 (62.5) @ 5500 (57 kW @ 5500 rpm with ECO button)
Max. torque: kgm-EEC (Nm-EEC) @ rpm	14,8 (145) @ 1900 (100 Nm @ 2000 rpm with ECO button)
Timing type	Fully variable valve lift on intake; fixed timing on exhaust
Tappet control	MultiAir on intake RFF on exhaust
Distribution (control)	Chains
Fuel supply	Multipoint port fuel
Ignition	Controlled
Transmission	
Traction	Front
Clutch	Mechanical
Brakes - D (disc) - T (drum)	
Front (mm)	D 240 self-ventilated
Rear (mm)	T180
Suspensions	
Front	independent-wheel, MacPherson-type with lower transverse wishbones secured to an auxiliary crossmember, anti-roll bar connected to the shock absorber
Rear	inter-connected suspension through torsion beam and anti-roll bar
Performance and Consumption	
Max. speed (km/h)	173
Acceleration (sec.): 0 – 100 km/h	11.0
Consumption (l/100 km): urban – extra-urban – combined cycles	4.9 – 3.7 – 4.1 (Start&Stop) 4.6 – 3.6 – 4.0 (Dualogic and Start&Stop)
CO ₂ (g/km) (with Start&Stop)	95 (manual gearbox) - 92 (Dualogic gearbox)