

**TECHNICAL DATA**  
**EVO 2T 125cc**

<b>CHASSIS</b>	
Frame	Hydroformed alloy
Wheel base	1305 mm
Max length	1990 mm
Max width	850 mm
Max height	1115 mm
Seat height	660 mm
Ground clearance	310 mm
Footrest height	348 mm
Fuel tank capacity	2.8 l
Reserve	0,5 l
Cooling system capacity	600 cc
Front suspension	Hydraulic ø39 front fork with compression and rebound adjuster
Rear suspension	rear shock with coaxial tank and compression and rebound adjuster
Shock absorber stroke	62 mm
Front wheel travel	165 mm
Rear wheel travel	180 mm
Front brake	disc ø185 mm 4 pistons
Rear brake	disc ø160 mm 2 pistons
Front rim	21 x 1,6
Rear rim	18 x 2,15
Front tyre	2,75 - 21 Michelin X-Light
Rear tyre	4.00 R 18 Michelin X-Light

<b>ENGINE</b>	<b>BETA</b>
Type	Single-cylinder, 2-stroke, liquid cooled, lamellar induction in the crankcase
Bore	54,0 mm
Stroke	54,5 mm
Displacement	124,8cc
Compression ratio	15,9:1
Carter	Magnesium
exhaust header	Titanium
Ignition	Electronic Hidria 12V - 110W
Spark plug	NGK GR7CI8
Lubrication	mix with fuel 1,5 % (synthetic oil)
Fuel supply	with carburettor
Carburettor	Keihin PWK ø 28mm
Spark advance	Variable
Clutch	Wet multi-disc clutch with cush-drive rubber
Primary trasmission	Z. 20/71
Transmission	6 speed
Secondary trasmission	chain
Engine oil	SAE 10W/30 (550cc)
Consumption l/100 km	2,6
Pollution Co2 [g/km]	60

**TECHNICAL DATA**  
**EVO 2T 250cc**

<b>CHASSIS</b>	
Frame	Hydroformed alloy
Wheel base	1305 mm
Max length	1990 mm
Max width	850 mm
Max height	1115 mm
Seat height	660 mm
Ground clearance	310 mm
Footrest height	348 mm
Fuel tank capacity	2.8 l
Reserve	0,5 l
Cooling system capacity	600 cc
Front suspension	Hydraulic ø39 front fork with compression and rebound adjuster
Rear suspension	rear shock with coaxial tank and compression and rebound adjuster
Shock absorber stroke	62 mm
Front wheel travel	165 mm
Rear wheel travel	180 mm
Front brake	disc ø185 mm 4 pistons
Rear brake	disc ø160 mm 2 pistons
Front rim	21 x 1,6
Rear rim	18 x 2,15
Front tyre	2,75 - 21 Michelin X-Light
Rear tyre	4.00 R 18 Michelin X-Light

<b>ENGINE</b>	<b>BETA</b>
Type	Single-cylinder, 2-stroke, liquid cooled, lamellar induction in the crankcase
Bore	72,5 mm
Stroke	60,5 mm
Displacement	249,7cc
Compression ratio	9,00:1
Carter	Magnesium
exhaust header	Titanium
Ignition	Electronic Hidria 12V - 110W
Spark plug	NGK GR7CI8
Lubrication	mix with fuel 1,5% (synthetic oil)
fuel supply	with carburettor
Carburettor	Keihin PWK ø 28mm
Spark advance	Variable
Clutch	Wet multi-disc clutch with cush-drive rubber
Primary trasmission	Z. 22/69
Transmission	6 speed
Secondary trasmission	chain
Engine oil	SAE 10W/30 (550cc)
Consumption l/100 km	2,9
Pollution Co2 [g/km]	68

**TECHNICAL DATA**  
**EVO 2T 300cc**

<b>CHASSIS</b>	
Frame	Hydroformed alloy
Wheel base	1305 mm
Max length	1990 mm
Max width	850 mm
Max height	1115 mm
Seat height	660 mm
Ground clearance	310 mm
Footrest height	348 mm
Fuel tank capacity	2.8 l
Reserve	0,5 l
Cooling system capacity	600 cc
Front suspension	Hydraulic ø39 front fork with compression and rebound adjuster
Rear suspension	rear shock with coaxial tank and compression and rebound adjuster
Shock absorber stroke	62 mm
Front wheel travel	165 mm
Rear wheel travel	180 mm
Front brake	disc ø185 mm 4 pistons
Rear brake	disc ø160 mm 2 pistons
Front rim	21 x 1,6
Rear rim	18 x 2,15
Front tyre	2,75 - 21 Michelin X-Light
Rear tyre	4.00 R 18 Michelin X-Light

<b>ENGINE</b>	
Type	BETA Single-cylinder, 2-stroke, liquid cooled, lamellar induction in the crankcase
Bore	79,0 mm
Stroke	60,5 mm
Displacement	296,5cc
Compression ratio	10,5:1
Carter	Magnesium
exhaust header	Titanium
Ignition	Electronic Hidria 12V - 110W
Spark plug	NGK GR7CI8
Lubrication	mix with fuel 1,5 % (synthetic oil)
Fuel supply	with carburettor
Carburettor	Keihin PWK ø 28mm
Spark advance	Variable
Clutch	Wet multi-disc clutch with cush-drive rubber
Primary trasmission	Z. 22/69
Transmission	6 speed
Secondary trasmission	chain
Engine oil	SAE 10W/30 (550cc)
Consumption l/100 km	2,8
Pollution Co2 [g/km]	66

**DATI TECNICI  
EVO 4T 300cc**

<b>CHASSIS</b>	
Frame	Hydroformed alloy
Wheel base	1305 mm
Max length	1990 mm
Max width	850 mm
Max height	1115 mm
Seat height	660 mm
Ground clearance	310 mm
Footrest height	348 mm
Fuel tank capacity	2,8 l.
Reserve	0,5 l.
Cooling system capacity	600 cc
Front suspension	Hydraulic ø39 front fork with compression and rebound adjuster
Rear suspension	rear shock with coaxial tank and compression and rebound adjuster
Shock absorber stroke	62 mm
Front wheel travel	165 mm
Rear wheel travel	180 mm
Front brake	disc ø185 mm 4 pistons
Rear brake	disc ø160 mm 2 pistons
Front rim	21 x 1,6
Rear rim	18 x 2,15
Front tyre	2,75 - 21 Michelin X-Light
Rear tyre	4.00 R 18 Michelin X-Light

<b>ENGINE</b>	<b>BETA</b>
Type	Single-cylinder, 4-stroke, 4 valves, liquid cooled
Bore	84 mm
Stroke	53,6 mm
Displacement	297,3 cc
Compression ratio	10,5:1
silencer	RacingTitanio
Ignition	Electronic
Spark plug	NGK MR7BI8 IR
fuel supply	with carburettor
Carburettor	Mikuni
Spark advance	Variable
Clutch	Wet multi-disc clutch
Primary trasmission	Z. 18/63
Transmission	5 speed
Secondary trasmission	chain
Engine oil	SAE 15W/50 (900cc)
Consumption l/100 km	3,3
Pollution Co2 [g/km]	77