

TECHNICAL DATA
EVO 80 Junior

CHASSIS

Frame	Steel
Wheel base	1210 mm
Max length	1850 mm
Max width	720 mm
Max height	1070 mm
Seat height	620 mm
Ground clearance	300 mm
Footrest height	330 mm
Fuel tank capacity	2,5 l.
Reserve	0,5 l.
Cooling system capacity	600 cc
Front suspension	Hydraulic fork with \varnothing 33 mm shaft
Rear suspension	Monoshock with adjustable spring preload
Shock absorber stroke	34 mm
Front wheel travel	160 mm
Rear wheel travel	146 mm
Front brake	inox disc \varnothing 175 mm with 2 opposed pistons
Rear brake	inox disc \varnothing 150 mm with 2 opposed pistons
Front rim	19 x 1,4 - 36 holes
Rear rim	17 x 1,6 - 36 holes
Front tyre	2,50 - 19
Rear tyre	3,50 - 17

ENGINE

Type	Single-cylinder, 2-stroke, liquid cooled, lamellar induction in the crankcase
Bore	48 mm
Stroke	44 mm
Displacement	79,6 cc
Compression ratio	14,7:1
Ignition	Hidria
Spark plug	Champion RN3C
Lubrication	mix with fuel 1,5 % (synthetic oil)
Feeding	with carburettor
Carburettor	Dell'Orto PHBG 21
Clutch	Wet multi-disc clutch
Primary trasmission	Z. 20/77
Transmission	6 speed
Secondary trasmission	Z. 11/54
Engine oil	SAE 20W/30 (300cc)

TECHNICAL DATA
EVO 80 Senior

CHASSIS

Frame	Steel
Wheel base	1230 mm
Max length	1925 mm
Max width	815 mm
Max height	1127 mm
Seat height	678 mm
Ground clearance	325 mm
Footrest height	375 mm
Fuel tank capacity	2,5 l.
Reserve	0,5 l.
Cooling system capacity	600 cc
Front suspension	Hydraulic fork with ø38 mm shaft
Rear suspension	Monoshock with adjustable spring preload and adjustable hydraulic brake in extension
Shock absorber stroke	41 mm
Front wheel travel	165 mm
Rear wheel travel	150 mm
Front brake	inox disc ø185 mm with 2 opposed pistons
Rear brake	inox disc ø150 mm with 2 opposed pistons
Front rim	21 x 1,6 - 36 holes
Rear rim	18 x 1,85 - 36 holes
Front tyre	2,75 - 21
Rear tyre	4,00 - 18

ENGINE

Type	Single-cylinder, 2-stroke, liquid cooled, lamellar induction in the crankcase
Bore	48 mm
Stroke	44 mm
Displacement	79,6cc
Compression ratio	14,7:1
Ignition	Hidria
Spark plug	Champion RN3C
Lubrication	mix with fuel 1,5 % (synthetic oil)
Feeding	with carburettor
Carburettor	Dell' orto PHBG 21
Clutch	Wet multi-disc clutch
Primary trasmission	Z. 20/77
Transmission	6 speed
Secondary trasmission	Z. 11/60
Engine oil	SAE 20W/30 (300cc)

TECHNICAL DATA
EVO 2T 125cc

CHASSIS

Frame	Single wave aluminium beam
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 fork with ø38 mm shaft
Rear suspension	Hydraulic monoshock
Shock absorber stroke	62 mm
Front wheel travel	165 mm
Rear wheel travel	180 mm
Front brake	disc ø185 mm with 4 piston caliper
Rear brake	disc ø160 mm with 2 piston caliper
Front rim	21 x 1,6 - 32 holes
Rear rim	18 x 2,15 - 32 holes
Front tyre	2,75 - 21
Rear tyre	4.00 R 18

ENGINE

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
Ignition	Electronic Hidria 12V - 110W
Spark plug	NGK GR7CI8
Lubrication	mix with fuel 1,5 % (synthetic oil)
Feeding	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 (550 cc)
Consumption l/100 km	2,6
Pollution Co2 [g/km]	60

TECHNICAL DATA
EVO 2T 200cc

CHASSIS

Frame	Single wave aluminium beam
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 fork with ø38 mm shaft
Rear suspension	Hydraulic monoshock
Shock absorber stroke	62 mm
Front wheel travel	165 mm
Rear wheel travel	180 mm
Front brake	disc ø185 mm with 4 piston caliper
Rear brake	disc ø160 mm with 2 piston caliper
Front rim	21 x 1,6 - 32 holes
Rear rim	18 x 2,15 - 32 holes
Front tyre	2,75 - 21
Rear tyre	4.00 R 18

ENGINE

Type	Single-cylinder, 2-stroke, liquid cooled, lamellar induction in the crankcase
Bore	64,0 mm
Stroke	60,5 mm
Displacement	194,6cc
Compression ratio	11,4:1
Ignition	Electronic Hidria 12V - 110W
Spark plug	NGK GR7CI8
Lubrication	mix with fuel 1,5 % (synthetic oil)
Feeding	with carburettor
Carburettor	Keihin PWK ø 28mm
Spark advance	Variable
Clutch	Wet multi-disc clutch with cush-drive rubber
Primary trasmission	Z. 20/70
Transmission	6 speed
Secondary trasmission	chain
Engine oil	SAE 10W/30 (550 cc)
Consumption l/100 km	2,8
Pollution Co2 [g/km]	66

TECHNICAL DATA
EVO 2T 250cc

CHASSIS

Frame	Single wave aluminium beam
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 fork with ø38 mm shaft
Rear suspension	Hydraulic monoshock
Shock absorber stroke	62 mm
Front wheel travel	165 mm
Rear wheel travel	180 mm
Front brake	disc ø185 mm with 4 piston caliper
Rear brake	disc ø160 mm with 2 piston caliper
Front rim	21 x 1,6 - 32 holes
Rear rim	18 x 2,15 - 32 holes
Front tyre	2,75 - 21
Rear tyre	4.00 R 18

ENGINE

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	9,0:1
Ignition	Electronic Hidria 12V - 110W
Spark plug	NGK GR7CI8
Lubrication	mix with fuel 1,5 % (synthetic oil)
Feeding	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 (550 cc)
Consumption l/100 km	2,9
Pollution Co2 [g/km]	68

TECHNICAL DATA
EVO 2T 300cc

CHASSIS

Frame	Single wave aluminium beam
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 fork with ø38 mm shaft
Rear suspension	Hydraulic monoshock
Shock absorber stroke	62 mm
Front wheel travel	165 mm
Rear wheel travel	180 mm
Front brake	disc ø185 mm with 4 piston caliper
Rear brake	disc ø160 mm with 2 piston caliper
Front rim	21 x 1,6 - 32 holes
Rear rim	18 x 2,15 - 32 holes
Front tyre	2,75 - 21
Rear tyre	4.00 R 18

ENGINE

Type	Single-cylinder, 2-stroke, liquid cooled, lamellar induction in the crankcase
Bore	79,0 mm
Stroke	60,5 mm
Displacement	296,5cc
Compression ratio	10,9:1
Ignition	Electronic Hidria 12V - 110W
Spark plug	NGK GR7CI8
Lubrication	mix with fuel 1,5 % (synthetic oil)
Feeding	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 (550 cc)
Consumption l/100 km	2,8
Pollution Co2 [g/km]	66

TECHNICAL DATA
EVO 2T 300cc SS

CHASSIS

Frame	Single wave aluminium beam
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 fork with ø38 mm shaft
Rear suspension	Hydraulic monoshock
Shock absorber stroke	62 mm
Front wheel travel	165 mm
Rear wheel travel	180 mm
Front brake	disc ø185 mm with 4 piston caliper
Rear brake	disc ø160 mm with 2 piston caliper
Front rim	21 x 1,6 - 32 holes
Rear rim	18 x 2,15 - 32 holes
Front tyre	2,75 - 21
Rear tyre	4.00 R 18

ENGINE

Type	Single-cylinder, 2-stroke, liquid cooled, lamellar induction in the crankcase
Bore	79,0 mm
Stroke	60,5 mm
Displacement	296,5cc
Compression ratio	9,96:1
Ignition	Electronic Hidria 12V - 110W
Spark plug	NGK GR7CI8
Lubrication	mix with fuel 1,5 % (synthetic oil)
Feeding	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 (550 cc)
Consumption l/100 km	2,8
Pollution Co2 [g/km]	66

TECHNICAL DATA
EVO 4T 300cc

CHASSIS

Frame	Single wave aluminium beam
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 fork with ø38 mm shaft
Rear suspension	Monoshock
Shock absorber stroke	60 mm
Front wheel travel	165 mm
Rear wheel travel	180 mm
Front brake	disc ø185 mm with 4 piston caliper
Rear brake	disc ø160 mm with 2 piston caliper
Front rim	21 x 1,6 - 32 holes
Rear rim	18 x 2,15 - 32 holes
Front tyre	2,75 - 21
Rear tyre	4.00 R 18

ENGINE

Type	Single-cylinder, 4-stroke, 4 valves, liquid cooled
Bore	84 mm
Stroke	53,6 mm
Displacement	297,3cc
Compression ratio	9,7:1
Ignition	Electronic
Spark plug	NGK MR7BI-8
Feeding	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 (900 cc)
Consumption l/100 km	3,3
Pollution Co2 [g/km]	77